0001601046-24-00006110-Q Keysight Technologies, Inc. 2024082920240829162219162220162220 0 0001601046-24-000061 10-Q 112 20240731 20240829 20240829 Keysight Technologies, Inc. 0001601046 3823 464254555 DE 1031 10-Q 34 001-36334 241264036 1400 FOUNTAINGROVE PARKWAY SANTA ROSA CA 95403 8774244536 1400 FOUNTAINGROVE PARKWAY SANTA ROSA CA 95403 10-Q 1 keys-20240731.htm 10-Q keys-20240731000160104 6October 312024Q3false0.251xbrli:sharesiso4217:USDiso4217:USDxbrli:sharesxbrli:pureiso4217:EURxbrli:sharesiso4217:EURiso4217:GBPkeys:contractskeys:segment00016010462023-11-012024-07-3100016010462024-08-260001601046us-gaap:ProductMember2024-05-012024-07-310001601046us-gaap:ProductMember2023-05-012023-07-310001601046us-gaap:ProductMember2023-11-012024-07-310001601046us-gaap:ProductMember2022-11-012023-07-310001601046us-gaap:ServiceMember2024-05-012024-07-310001601046us-gaap:ServiceMember2023-05-012023-07-310001601046us-gaap:ServiceMember2023-11-012024-07-310001601046us-gaap:ServiceMember2022-11-012023-07-3100016010462024-05-012024-07-3100016010462023-05-012023-07-3100016010462022-11-012023-07-310001601046us-gaap:RetainedEarningsMember2024-05-012024-07-310001601046us-gaap:RetainedEarningsMember2023-05-012023-07-310001601046us-gaap:RetainedEarningsMember2023-11-012024-07-310001601046us-gaap:RetainedEarningsMember2022-11-012023-07-3100016010462024-07-3100016010462023-10-3100016010462022-10-3100016010462023-07-310001601046us-gaap:CommonStockMember2024-04-300001601046us-gaap:AdditionalPaidInCapitalMember2024-04-300001601046us-gaap:TreasuryStockCommonMember2024-04-300001601046us-gaap:RetainedEarningsMember2024-04-300001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2024-04-300001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2024-04-3000016010462024-04-300001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2024-05-012024-07-310001601046us-gaap:CommonStockMember2024-05-012024-07-310001601046us-gaap:AdditionalPaidInCapitalMember2024-05-012024-07-310001601046us-gaap:TreasuryStockCommonMember2024-05-012024-07-310001601046us-gaap:CommonStockMember2024-07-310001601046us-gaap:AdditionalPaidInCapitalMember2024-07-310001601046us-gaap:TreasuryStockCommonMember2024-07-310001601046us-gaap:RetainedEarningsMember2024-07-310001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2024-07-310001601046keys:ESIGroupSAMember2024-07-310001601046us-gaap:CommonStockMember2023-10-310001601046us-gaap:AdditionalPaidInCapitalMember2023-10-310001601046us-gaap:TreasuryStockCommonMember2023-10-310001601046us-gaap:RetainedEarningsMember2023-10-310001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2023-10-310001601046keys:ESIGroupSAMember2023-10-310001601046keys:ESIGroupSAMemberus-gaap:NoncontrollingInterestMember2023-11-012024-07-310001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2023-11-012024-07-310001601046us-gaap:CommonStockMember2023-11-012024-07-310001601046us-gaap:AdditionalPaidInCapitalMember2023-11-012024-07-310001601046us-gaap:TreasuryStockCommonMember2023-11-012024-07-310001601046us-gaap:CommonStockMember2023-04-300001601046us-gaap:AdditionalPaidInCapitalMember2023-04-300001601046us-gaap:TreasuryStockCommonMember2023-04-300001601046us-gaap:RetainedEarningsMember2023-04-300001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2023-04-3000016010462023-04-300001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2023-05-012023-07-310001601046us-gaap:CommonStockMember2023-05-012023-07-310001601046us-gaap:AdditionalPaidInCapitalMember2023-05-012023-07-310001601046us-gaap:TreasuryStockCommonMember2023-05-012023-07-310001601046us-gaap:CommonStockMember2023-07-310001601046us-gaap:AdditionalPaidInCapitalMember2023-07-310001601046us-gaap:TreasuryStockCommonMember2023-07-310001601046us-gaap:RetainedEarningsMember2023-07-310001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2023-07-310001601046us-gaap:CommonStockMember2022-10-310001601046us-gaap:AdditionalPaidInCapitalMember2022-10-310001601046us-gaap:TreasuryStockCommonMember2022-10-310001601046us-gaap:RetainedEarningsMember2022-10-310001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2022-10-310001601046us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember2022-11-012023-07-310001601046us-gaap:CommonStockMember2022-11-012023-07-310001601046us-gaap:AdditionalPaidInCapitalMember2022-11-012023-07-310001601046us-gaap:TreasuryStockCommonMember2022-11-012023-07-310001601046keys:ESIGroupSAMemberus-gaap:OtherNonoperatingIncomeExpenseMember2023-11-012024-07-310001601046keys:ESIGroupSAMember2023-11-012024-07-310001601046keys:ESIGroupSAMember2023-11-030001601046keys:ESIGroupSAMember2023-11-032023-11-030001601046keys:ESIGroupSAMember2023-11-012024-01-310001601046keys:ESIGroupSAMember2024-05-012024-07-310001601046keys:ESIGroupSAMember2023-11-032024-07-310001601046keys:ESIGroupSAMember2024-02-012024-04-300001601046keys:ESIGroupSAMemberus-gaap:DevelopedTechnologyRightsMember2023-11-030001601046keys:ESIGroupSAMemberus-gaap:DevelopedTechnologyRightsMember2023-11-032023-11-030001601046keys:ESIGroupSAMemberus-gaap:CustomerRelationshipsMember2023-11-032023-11-030001601046keys:ESIGroupSAMemberus-gaap:CustomerRelationshipsMember2023-11-030001601046keys:ESIGroupSAMemberus-gaap:OrderOrProductionBacklogMember2023-11-030001601046keys:ESIGroupSAMemberus-gaap:OrderOrProductionBacklogMember2023-11-032023-11-030001601046keys:ESIGroupSAMemberus-gaap:TrademarksAndTradeNamesMember2023-11-030001601046keys:ESIGroupSAMemberus-gaap:TrademarksAndTradeNamesMember2023-11-032023-11-030001601046keys:ESIGroupSAMemberus-gaap:InProcessResearchAndDevelopmentMember2023-11-030001601046keys:ESIGroupSAMember2023-05-012023-07-310001601046keys:ESIGroupSAMember2022-11-012023-07-310001601046keys:RiscureHoldingB.V.Member2023-11-012024-07-310001601046keys:RiscureHoldingB.V.Member2024-02-212024-02-210001601046keys:RiscureHoldingB.V.Member2024-02-210001601046keys:AnaPicoAGMember2024-06-122024-06-120001601046keys:AnaPicoAGMember2024-06-120001601046srt:AmericasMemberkeys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046srt:AmericasMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046srt:AmericasMember2024-05-012024-07-310001601046srt:AmericasMemberkeys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046srt:AmericasMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046srt:AmericasMember2023-05-012023-07-310001601046srt:EuropeMemberkeys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046srt:EuropeMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046srt:EuropeMember2024-05-012024-07-310001601046srt:EuropeMemberkeys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046srt:EuropeMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046srt:EuropeMember2023-05-012023-07-310001601046srt:AsiaPacificMemberkeys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046srt:AsiaPacificMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046srt:AsiaPacificMember2024-05-012024-07-310001601046srt:AsiaPacificMemberkeys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046srt:AsiaPacificMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046srt:AsiaPacificMember2023-05-012023-07-310001601046keys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046keys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046keys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046keys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046keys:AerospacedefenseandgovernmentMemberkeys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046keys:AerospacedefenseandgovernmentMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046keys:AerospacedefenseandgovernmentMember2024-05-012024-07-310001601046keys:AerospacedefenseandgovernmentMemberkeys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046keys:AerospacedefenseandgovernmentMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046keys:AerospacedefenseandgovernmentMember2023-05-012023-07-310001601046keys:CommercialCommunicationsMemberMemberkeys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046keys:CommercialCommunicationsMemberMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046keys:CommercialCommunicationsMemberMember2024-05-012024-07-310001601046keys:CommercialCommunicationsMemberMemberkeys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046keys:CommercialCommunicationsMemberMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046keys:CommercialCommunicationsMemberMember2023-05-012023-07-310001601046keys:ElectronicindustrialMemberkeys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046keys:ElectronicindustrialMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046keys:ElectronicindustrialMember2024-05-012024-07-310001601046keys:ElectronicindustrialMemberkeys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046keys:ElectronicindustrialMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046keys:ElectronicindustrialMember2023-05-012023-07-310001601046us-gaap:TransferredAtPointInTimeMemberkeys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046us-gaap:TransferredAtPointInTimeMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046us-gaap:TransferredAtPointInTimeMember2024-05-012024-07-310001601046us-gaap:TransferredAtPointInTimeMemberkeys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046us-gaap:TransferredAtPointInTimeMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046us-gaap:TransferredAtPointInTimeMember2023-05-012023-07-310001601046us-gaap:TransferredOverTimeMemberkeys:CommunicationsSolutionsGroupMember2024-05-012024-07-310001601046us-gaap:TransferredOverTimeMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-05-012024-07-310001601046us-gaap:TransferredOverTimeMember2024-05-012024-07-310001601046us-gaap:TransferredOverTimeMemberkeys:CommunicationsSolutionsGroupMember2023-05-012023-07-310001601046us-gaap:TransferredOverTimeMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-05-012023-07-310001601046us-gaap:TransferredOverTimeMember2023-05-012023-07-310001601046srt:AmericasMemberkeys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046srt:AmericasMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046srt:AmericasMember2023-11-012024-07-310001601046srt:AmericasMemberkeys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046srt:AmericasMemberkeys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-310001601046srt:AmericasMember2022-11-012023-07-310001601046srt:EuropeMemberkeys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046srt:EuropeMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046srt:EuropeMember2023-11-012024-07-310001601046srt:EuropeMemberkeys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046srt:EuropeMemberkeys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-310001601046srt:EuropeMember2022-11-012023-07-310001601046srt:AsiaPacificMemberkeys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046srt:AsiaPacificMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046srt:AsiaPacificMember2023-11-012024-07-310001601046srt:AsiaPacificMemberkeys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046srt:AsiaPacificMemberkeys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-310001601046srt:AsiaPacificMember2022-11-012023-07-310001601046keys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046keys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046keys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046keys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-310001601046keys:AerospacedefenseandgovernmentMemberkeys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046keys:AerospacedefenseandgovernmentMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046keys:AerospacedefenseandgovernmentMember2023-11-012024-07-310001601046keys:AerospacedefenseandgovernmentMemberkeys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046keys:AerospacedefenseandgovernmentMemberkeys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-310001601046keys:AerospacedefenseandgovernmentMember2022-11-012023-07-310001601046keys:CommercialCommunicationsMemberMemberkeys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046keys:CommercialCommunicationsMemberMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046keys:CommercialCommunicationsMemberMember2023-11-012024-07-310001601046keys:CommercialCommunicationsMemberMemberkeys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046keys:CommercialCommunicationsMemberMemberkeys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-

310001601046keys:CommercialCommunicationsMemberMember2022-11-012023-07-310001601046keys:ElectronicindustrialMemberkeys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046keys:ElectronicindustrialMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046keys:ElectronicindustrialMember2023-11-012024-07-310001601046keys:ElectronicindustrialMemberkeys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046keys:ElectronicindustrialMemberkeys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-310001601046keys:ElectronicindustrialMember2022-11-012023-07-310001601046us-gaap:TransferredAtPointInTimeMemberkeys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046us-gaap:TransferredAtPointInTimeMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046us-gaap:TransferredAtPointInTimeMember2023-11-012024-07-310001601046us-gaap:TransferredAtPointInTimeMemberkeys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046us-gaap:TransferredAtPointInTimeMemberkeys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-310001601046us-gaap:TransferredAtPointInTimeMember2022-11-012023-07-310001601046us-gaap:TransferredOverTimeMemberkeys:CommunicationsSolutionsGroupMember2023-11-012024-07-310001601046us-gaap:TransferredOverTimeMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-11-012024-07-310001601046us-gaap:TransferredOverTimeMember2023-11-012024-07-310001601046us-gaap:TransferredOverTimeMemberkeys:CommunicationsSolutionsGroupMember2022-11-012023-07-310001601046us-gaap:TransferredOverTimeMemberkeys:ElectronicIndustrialSolutionsGroupMember2022-11-012023-07-310001601046us-gaap:TransferredOverTimeMember2022-11-012023-07-310001601046us-gaap:OtherNoncurrentAssetsMember2024-07-310001601046us-gaap:AccountsReceivableMember2024-07-310001601046us-gaap:AccountsReceivableMember2023-10-310001601046us-gaap:OtherNoncurrentAssetsMember2023-10-310001601046us-gaap:OtherAssetsMember2024-07-310001601046us-gaap:OtherAssetsMember2023-10-3100016010462024-08-012024-07-3100016010462024-11-012024-07-3100016010462025-11-012024-07-310001601046us-gaap:CostOfSalesMember2024-05-012024-07-310001601046us-gaap:CostOfSalesMember2023-05-012023-07-310001601046us-gaap:CostOfSalesMember2023-11-012024-07-310001601046us-gaap:CostOfSalesMember2022-11-012023-07-310001601046us-gaap:ResearchAndDevelopmentExpenseMember2024-05-012024-07-310001601046us-gaap:ResearchAndDevelopmentExpenseMember2023-05-012023-07-310001601046us-gaap:ResearchAndDevelopmentExpenseMember2023-11-012024-07-310001601046us-gaap:ResearchAndDevelopmentExpenseMember2022-11-012023-07-310001601046us-gaap:SellingGeneralAndAdministrativeExpensesMember2024-05-012024-07-310001601046us-gaap:SellingGeneralAndAdministrativeExpensesMember2023-05-012023-07-310001601046us-gaap:SellingGeneralAndAdministrativeExpensesMember2023-11-012024-07-310001601046us-gaap:SellingGeneralAndAdministrativeExpensesMember2022-11-012023-07-310001601046keys:MalaysiaTaxAuthorityMember2023-11-012024-07-310001601046keys:MalaysiaTaxAuthorityMember2024-05-012024-07-310001601046keys:CommunicationsSolutionsGroupMemberMember2023-10-310001601046keys:ElectronicIndustrialSolutionsGroupMemberMember2023-10-310001601046keys:CommunicationsSolutionsGroupMemberMember2023-11-012024-07-310001601046keys:ElectronicIndustrialSolutionsGroupMemberMember2023-11-012024-07-310001601046keys:CommunicationsSolutionsGroupMemberMember2024-07-310001601046keys:ElectronicIndustrialSolutionsGroupMemberMember2024-07-310001601046us-gaap:DevelopedTechnologyRightsMember2024-07-310001601046us-gaap:DevelopedTechnologyRightsMember2023-10-310001601046us-gaap:OrderOrProductionBacklogMember2024-07-310001601046us-gaap:OrderOrProductionBacklogMember2023-10-310001601046us-gaap:TrademarksMember2024-07-310001601046us-gaap:TrademarksMember2023-10-310001601046us-gaap:CustomerRelationshipsMember2024-07-310001601046us-gaap:CustomerRelationshipsMember2023-10-310001601046us-gaap:InProcessResearchAndDevelopmentMember2024-07-310001601046us-gaap:InProcessResearchAndDevelopmentMember2023-10-310001601046us-gaap:InProcessResearchAndDevelopmentMember2023-11-012024-07-310001601046us-gaap:FairValueMeasurementsRecurringMember2024-07-310001601046us-gaap:FairValueInputsLevel1Memberus-gaap:FairValueMeasurementsRecurringMember2024-07-310001601046us-gaap:FairValueInputsLevel2Memberus-gaap:FairValueMeasurementsRecurringMember2024-07-310001601046us-gaap:FairValueInputsLevel3Memberus-gaap:FairValueMeasurementsRecurringMember2024-07-310001601046us-gaap:FairValueMeasurementsRecurringMember2023-10-310001601046us-gaap:FairValueInputsLevel1Memberus-gaap:FairValueMeasurementsRecurringMember2023-10-310001601046us-gaap:FairValueInputsLevel2Memberus-gaap:FairValueMeasurementsRecurringMember2023-10-310001601046us-gaap:FairValueInputsLevel3Memberus-gaap:FairValueMeasurementsRecurringMember2023-10-310001601046us-gaap:TreasuryLockMember2020-10-310001601046us-gaap:InterestRateSwapMember2024-07-310001601046us-gaap:ForeignExchangeForwardMemberus-gaap:NondesignatedMember2023-10-310001601046keys:ESIGroupSAMember2023-07-112024-07-310001601046us-gaap:ForeignExchangeForwardMemberus-gaap:NondesignatedMember2024-07-310001601046us-gaap:ForeignExchangeForwardMemberus-gaap:NondesignatedMember2023-11-012024-07-310001601046us-gaap:ForeignExchangeForwardMemberus-gaap:CashFlowHedgingMember2024-07-310001601046us-gaap:ForeignExchangeForwardMemberus-gaap:NondesignatedMember2024-07-310001601046Euro - Cash Flow Hedging2024-07-310001601046Euro - Not Designated as Hedging Instrument2024-07-310001601046Pound Sterling - Cash Flow Hedging2024-07-310001601046Pound Sterling - Not Designated as Hedging Instrument2024-07-310001601046Singapore Dollar - Cash Flow Hedging2024-07-310001601046Singapore Dollar - Not Designated as Hedging Instrument2024-07-310001601046Malaysian Ringgit - Cash Flow Hedging2024-07-310001601046Malaysian Ringgit - Not Designated as Hedging Instrument2024-07-310001601046Japanese Yen - Cash Flow Hedging2024-07-310001601046Japanese Yen - Not Designated as Hedging Instrument2024-07-310001601046Other Currencies - Cash Flow Hedging2024-07-310001601046Other currencies - Not Designated as Hedging Instrument2024-07-310001601046Total - Cash Flow Hedging2024-07-310001601046Total - Not Designated as Hedging Instrument2024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:OtherCurrentAssetsMember2024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:OtherCurrentAssetsMember2023-10-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:OtherCurrentLiabilitiesMember2024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:OtherCurrentLiabilitiesMember2023-10-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:NondesignatedMemberus-gaap:OtherCurrentAssetsMember2024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:NondesignatedMemberus-gaap:OtherCurrentAssetsMember2023-10-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:NondesignatedMemberus-gaap:OtherCurrentLiabilitiesMember2024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:NondesignatedMemberus-gaap:OtherCurrentLiabilitiesMember2023-10-310001601046us-gaap:InterestRateSwapMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2024-05-012024-07-310001601046us-gaap:InterestRateSwapMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2023-05-012023-07-310001601046us-gaap:InterestRateSwapMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2023-11-012024-07-310001601046us-gaap:InterestRateSwapMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2022-11-012023-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2024-05-012024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2023-05-012023-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2023-11-012024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2022-11-012023-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:CostOfSalesMember2024-05-012024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:CostOfSalesMember2023-05-012023-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:CostOfSalesMember2023-11-012024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMember2022-11-012023-07-310001601046us-gaap:SellingGeneralAndAdministrativeExpensesMember2024-05-012024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:SellingGeneralAndAdministrativeExpensesMember2023-05-012023-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:SellingGeneralAndAdministrativeExpensesMember2023-11-012024-07-310001601046us-gaap:ForeignExchangeContractMemberus-gaap:CashFlowHedgingMemberus-gaap:DesignatedAsHedgingInstrumentMemberus-gaap:SellingGeneralAndAdministrativeExpensesMember2022-11-012023-07-310001601046us-gaap:OtherNonoperatingIncomeExpenseMember2024-05-012024-07-310001601046us-gaap:OtherNonoperatingIncomeExpenseMember2023-05-012023-07-310001601046us-gaap:OtherNonoperatingIncomeExpenseMember2023-11-012024-07-310001601046us-gaap:OtherNonoperatingIncomeExpenseMember2022-11-012023-07-310001601046keys:SeniorNotes2024Member2024-07-310001601046keys:SeniorNotes2024Member2023-10-310001601046keys:SeniorNotes2027Member2024-07-310001601046keys:SeniorNotes2027Member2023-10-310001601046keys:SeniorNotes2029Member2024-07-310001601046keys:SeniorNotes2029Member2023-10-310001601046us-gaap:RevolvingCreditFacilityMember2023-11-012024-07-310001601046us-gaap:RevolvingCreditFacilityMemberus-gaap:SecuredOvernightFinancingRateSofrOvernightIndexSwapRateMember2023-11-012024-07-310001601046us-gaap:RevolvingCreditFacilityMember2024-07-310001601046us-gaap:RevolvingCreditFacilityMember2023-10-310001601046us-gaap:BridgeLoanMember2023-11-012024-07-310001601046us-gaap:BridgeLoanMember2024-07-310001601046keys:ESIGroupSAMemberus-gaap:LoansMember2023-11-030001601046keys:ESIGroupSAMemberus-gaap:LoansInsuredOrGuaranteedByNonUsGovernmentAuthoritiesMember2023-11-030001601046keys:ESIGroupSAMemberus-gaap:BankLoanObligationsMember2023-11-030001601046country:USus-gaap:PensionPlansDefinedBenefitMember2024-05-012024-07-310001601046country:USus-gaap:PensionPlansDefinedBenefitMember2023-05-012023-07-310001601046us-gaap:ForeignPlanMemberus-gaap:PensionPlansDefinedBenefitMember2024-05-012024-07-310001601046us-gaap:ForeignPlanMemberus-gaap:PensionPlansDefinedBenefitMember2023-05-012023-07-310001601046country:USus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-05-012024-07-310001601046country:USus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-05-012023-07-310001601046country:USus-gaap:PensionPlansDefinedBenefitMember2023-11-012024-07-310001601046country:USus-gaap:PensionPlansDefinedBenefitMember2022-11-012023-07-310001601046us-gaap:ForeignPlanMemberus-gaap:PensionPlansDefinedBenefitMember2023-11-012024-07-310001601046us-gaap:ForeignPlanMemberus-gaap:PensionPlansDefinedBenefitMember2022-11-012023-07-310001601046country:USus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-11-012024-07-310001601046country:USus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2022-11-012023-07-310001601046country:USus-gaap:PensionPlansDefinedBenefitMember2024-07-310001601046country:USus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-07-310001601046us-gaap:ForeignPlanMemberus-gaap:PensionPlansDefinedBenefitMember2024-07-310001601046us-gaap:AccumulatedTranslationAdjustmentMember2024-04-300001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2024-04-300001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2024-04-300001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2024-04-300001601046us-gaap:AccumulatedTranslationAdjustmentMember2024-05-012024-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2024-05-012024-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2024-05-012024-07-310001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2024-05-012024-07-310001601046us-gaap:AccumulatedTranslationAdjustmentMember2024-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2024-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2024-07-310001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2024-07-310001601046us-gaap:AccumulatedTranslationAdjustmentMember2023-10-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2023-10-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2023-10-310001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2023-10-310001601046us-gaap:AccumulatedTranslationAdjustmentMember2023-11-012024-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2023-11-012024-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2023-11-012024-07-310001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2023-11-012024-07-310001601046us-gaap:AccumulatedTranslationAdjustmentMember2023-04-300001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2023-04-

300001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2023-04-300001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2023-04-300001601046us-gaap:AccumulatedTranslationAdjustmentMember2023-05-012023-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2023-05-012023-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2023-05-012023-07-310001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2023-05-012023-07-310001601046us-gaap:AccumulatedTranslationAdjustmentMember2023-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2023-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2023-07-310001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2023-07-310001601046us-gaap:AccumulatedTranslationAdjustmentMember2022-10-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2022-10-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2022-10-310001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2022-10-310001601046us-gaap:AccumulatedTranslationAdjustmentMember2022-11-012023-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember2022-11-012023-07-310001601046us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember2022-11-012023-07-310001601046us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2022-11-012023-07-310001601046keys:CommunicationsSolutionsGroupMemberMember2024-05-012024-07-310001601046keys:ElectronicIndustrialSolutionsGroupMemberMember2024-05-012024-07-310001601046keys:CommunicationsSolutionsGroupMemberMember2023-05-012023-07-310001601046keys:ElectronicIndustrialSolutionsGroupMemberMember2023-05-012023-07-310001601046us-gaap:OperatingSegmentsMemberkeys:CommunicationsSolutionsGroupMemberMember2024-05-012024-07-310001601046us-gaap:OperatingSegmentsMemberkeys:ElectronicIndustrialSolutionsGroupMemberMember2024-05-012024-07-310001601046keys:TotalSegmentsMember2024-05-012024-07-310001601046us-gaap:OperatingSegmentsMemberkeys:CommunicationsSolutionsGroupMemberMember2023-05-012023-07-310001601046us-gaap:OperatingSegmentsMemberkeys:ElectronicIndustrialSolutionsGroupMemberMember2023-05-012023-07-310001601046keys:TotalSegmentsMember2023-05-012023-07-310001601046keys:CommunicationsSolutionsGroupMemberMember2022-11-012023-07-310001601046keys:ElectronicIndustrialSolutionsGroupMemberMember2022-11-012023-07-310001601046us-gaap:OperatingSegmentsMemberkeys:CommunicationsSolutionsGroupMemberMember2023-11-012024-07-310001601046us-gaap:OperatingSegmentsMemberkeys:ElectronicIndustrialSolutionsGroupMemberMember2023-11-012024-07-310001601046keys:TotalSegmentsMember2023-11-012024-07-310001601046us-gaap:OperatingSegmentsMemberkeys:CommunicationsSolutionsGroupMemberMember2022-11-012023-07-310001601046us-gaap:OperatingSegmentsMemberkeys:ElectronicIndustrialSolutionsGroupMemberMember2022-11-012023-07-310001601046keys:TotalSegmentsMember2022-11-012023-07-310001601046us-gaap:OperatingSegmentsMember2024-05-012024-07-310001601046us-gaap:OperatingSegmentsMember2023-05-012023-07-310001601046us-gaap:OperatingSegmentsMember2023-11-012024-07-310001601046us-gaap:OperatingSegmentsMember2022-11-012023-07-310001601046us-gaap:OperatingSegmentsMemberkeys:CommunicationsSolutionsGroupMember2024-07-310001601046us-gaap:OperatingSegmentsMemberkeys:ElectronicIndustrialSolutionsGroupMember2024-07-310001601046keys:TotalSegmentsMember2024-07-310001601046us-gaap:OperatingSegmentsMemberkeys:CommunicationsSolutionsGroupMember2023-10-310001601046us-gaap:OperatingSegmentsMemberkeys:ElectronicIndustrialSolutionsGroupMember2023-10-310001601046keys:TotalSegmentsMember2023-10-310001601046keys:SatishDhanasekaranMember2024-05-012024-07-310001601046keys:SatishDhanasekaranMember2024-07-310001601046keys:SoonChaiGooiMember2024-05-012024-07-310001601046keys:SoonChaiGooiMember2024-07-310001601046keys:JeffreyKLiMember2024-05-012024-07-310001601046keys:JeffreyKLiMember2024-07-310001601046keys:JohnPageMember2024-05-012024-07-310001601046keys:JohnPageMember2024-07-31Table of ContentsUNITED STATESSECURITIES AND EXCHANGE COMMISSIONWASHINGTON, D.C. 20549FORMÂ 10-Q Â (MARK ONE)Â â˜’ QUARTERLY REPORT PURSUANT TO SECTIONÂ 13 OR 15(d)Â OF THE SECURITIES EXCHANGE ACT OF 1934.FOR THE QUARTERLY PERIOD ENDED JULY 31, 2024ORÂ â˜ TRANSITION REPORT PURSUANT TO SECTIONÂ 13 OR 15(d)Â OF THE SECURITIES EXCHANGE ACT OF 1934.Â FOR THE TRANSITION PERIOD FROM Â Â Â Â Â Â Â Â Â Â Â Â Â TOÂ Â Â Â Â Â Â Â Â Â COMMISSION FILE NUMBER: 001-36334 Â KEYSIGHT TECHNOLOGIES,Â INC. (EXACT NAME OF REGISTRANT AS SPECIFIED IN ITS CHARTER)Delaware46-4254555(State or other jurisdiction of(IRS employerincorporation or organization)Identification no.)1400 Fountaingrove ParkwayÂ Santa RosaCalifornia95403(Address of principal executive offices)(Zip Code)Â Registrantâ€™s telephone number, including area code:Â (800) 829-4444Securities registered pursuant to SectionÂ 12(b) of the Act:Title of each classTrading SymbolName of each exchange on which registeredCommon Stock, par value $0.01 per shareKEYSNew York Stock ExchangeIndicate by check mark whether the registrant (1)Â has filed all reports required to be filed by sectionÂ 13 or 15(d)Â 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)Â has been subject to such filing requirements for the past 90 days.Â Â YesÂ â˜’Â Â NoÂ â˜Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to RuleÂ 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).Â Â YesÂ â˜’Â Â NoÂ â˜Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting company,â€ and â€œemerging growth companyâ€ in RuleÂ 12b-2 of the Exchange Act.Large accelerated filerâ˜’Accelerated filerâ˜Non-accelerated filerâ˜Smaller reporting companyâ˜Emerging growth companyâ˜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 Section13(a)of the Exchange Act. â˜Indicate by check mark whether the registrant is a shell company (as defined in RuleÂ 12b-2 of the Exchange Act).Â Â Yes â˜ NoÂ â˜’Â The number of shares of common stock outstanding at AugustÂ 26, 2024 was 173,543,355.Table of ContentsTABLE OF CONTENTSÂ Â Â Â PageNumberPartÂ I.Financial InformationÂ 3Â ItemÂ 1.Condensed Consolidated Financial Statements (Unaudited)3Â Â Condensed Consolidated Statement of Operations3Condensed Consolidated Statement of Comprehensive Income4Â Â Condensed Consolidated Balance Sheet5Â Â Condensed Consolidated Statement of Cash Flows6Condensed Consolidated Statement of Equity7Â Â Notes to Condensed Consolidated Financial Statements8Â ItemÂ 2.Managementâ€™s Discussion and Analysis of Financial Condition and ResultsÂ of Operations26Â ItemÂ 3.Quantitative and Qualitative Disclosures About Market Risk37Â ItemÂ 4.Controls and Procedures38PartÂ II.Other InformationÂ 38Â ItemÂ 1.Legal Proceedings38Â ItemÂ 1A.Risk Factors38ItemÂ 2.Unregistered Sales of Equity Securities and Use of Proceeds53ItemÂ 5.Other Information53Â ItemÂ 6.Exhibits54SignaturesÂ Â 552Table of ContentsPART I. FINANCIAL INFORMATIONÂ Item 1. Condensed Consolidated Financial Statements (Unaudited)Â KEYSIGHT TECHNOLOGIES,Â INC.CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS(in millions, except per share data)(Unaudited)Â Three Months EndedNine Months EndedÂ July 31,July 31,Â 20242023202420232Revenue:Â Â Products$900Â $1,099Â $2,761Â $3,321Â Services and other317Â 283Â 931Â 832Â Total revenue1,217Â 1,382Â 3,692Â 4,153Â Costs and expenses:Cost of products360Â 391Â 1,069Â 1,180Â Cost of services and other102Â 95Â 292Â 285Â Total costs462Â 486Â 1,361Â 1,465Â Research and development226Â 215Â 686Â 664Â Selling, general and administrative329Â 319Â 1,052Â 994Â Other operating expense (income), net(5)(3)(10)(11)Total costs and expenses1,012Â 1,017Â 3,089Â 3,112Â Income from operations205Â 365Â 603Â 1,041Â Interest income19Â 29Â 60Â 70Â Interest expense(21)(19)(61)(58)Other income (expense), net10Â 14Â 15Â 28Â Income before taxes213Â 389Â 617Â 1,081Â Provision (benefit) for income taxes(176)101Â (70)250Â Net income$389Â $288Â $687Â $831Â Net income per share:Â Â Basic$2.23Â $1.62Â $3.94Â $4.66Â Diluted$2.22Â $1.61Â $3.92Â $4.63Â Weighted average shares used in computing net income per share:Basic174Â 178Â 174Â 178Â Diluted175Â 179Â 175Â 179Â The accompanying notes are an integral part of these condensed consolidated financial statements.3Table of ContentsKEYSIGHT TECHNOLOGIES,Â INC.CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME(in millions)(Unaudited)Three Months EndedNine Months EndedÂ July 31,July 31,Â 20242023202420232Net income$389Â $288Â $687Â $831Â Other comprehensive income (loss):Gain (loss) on derivative instruments, net of tax benefit (expense) of zero, $(1), zero and $5â€”Â 2Â 1Â (18)Amounts reclassified into earnings related to derivative instruments, net of tax benefit (expense) of zero, $1, $1 and $1(3)â€”Â (7)(3)Foreign currency translation, net of tax benefit (expense) of zero32Â (9)27Â 61Â Net defined benefit pension cost and post-retirement plan costs:Change in net actuarial loss, net of tax expense of $1, $1, $3 and $3Â 4Â 8Â 12Â Other comprehensive income (loss)32Â (3)29Â 52Â Total comprehensive income$421Â $285Â $716Â $883Â Â Â Â Â The accompanying notes are an integral part of these condensed consolidated financial statements.4Table of ContentsKEYSIGHT TECHNOLOGIES,Â INC.CONDENSED CONSOLIDATED BALANCE SHEET(in millions, except par value and share data)(Unaudited)Â July 31, 2024October 31, 2023ASSETSÂ Â Current assets:Â Â Cash and cash equivalents$1,632Â $2,472Â Accounts receivable, net802Â 900Â Inventory1,026Â 985Â Other current assets536Â 452Â Total current assets3,996Â 4,809Â Property, plant and equipment, net776Â 761Â Operating lease right-of-use assets234Â 226Â Goodwill2,391Â 1,640Â Other intangible assets, net637Â 155Â Long-term investments107Â 81Â Long-term deferred tax assets678Â 671Â Other assets504Â 340Â Total assets$9,323Â $8,683Â LIABILITIES AND EQUITYCurrent liabilities:Â Â Current portion of long-term debt$600Â $599Â Accounts payable280Â 286Â Employee compensation and benefits262Â 304Â Deferred revenue537Â 541Â Income and other taxes payable85Â 90Â Operating lease liabilities43Â 40Â Other accrued liabilities142Â 189Â Total current liabilities1,949Â 2,049Â Long-term debt1,196Â 1,195Â Retirement and post-retirement benefits71Â 64Â Long-term deferred revenue207Â 216Â Long-term operating lease liabilities197Â 192Â Other long-term liabilities473Â 313Â Total liabilities4,093Â 4,029Â Commitments and contingencies (Note 13)Stockholdersâ€™ equity:Â Â Preferred stock; $0.01 par value; 100 million shares authorized; none issued and outstandingâ€”Â â€”Â Common stock; $0.01 par value; 1 billion shares authorized; issued and outstanding shares: 201 million and 200 million, respectively2Â 2Â Treasury stock, at cost; 27.5 million shares and 25.4 million shares, respectively(3,270)(2,980)Additional paid-in-capital2,637Â 2,487Â Retained earnings6,298Â 5,611Â Accumulated other comprehensive loss(437)(466)Total stockholders' equity5,230Â 4,654Â Total liabilities and equity$9,323Â $8,683Â Â The accompanying notes are an integral part of these condensed consolidated financial statements.5Table of ContentsKEYSIGHT TECHNOLOGIES,Â INC.CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS(in millions)(Unaudited)Nine Months EndedÂ July 31,Â 20242023Cash flows from operating activities:Â Â Net income$687Â $831Â Adjustments to reconcile net income to net cash provided by operating activities:Â Â Depreciation 94Â 90Â Amortization108Â 72Â Share-based compensation111Â 110Â Deferred tax expense (benefit)(21)10Â Excess and obsolete inventory-related charges26Â 19Â Other non-cash expense (income), net(5)(13)Changes in assets and liabilities, net of effects of businesses acquired:Â Â Accounts receivable130Â 32Â Inventory(51)(126)Accounts payable(4)(54)Employee compensation and benefits(69)(87)Deferred revenue(35)41Â Income taxes payable(24)(28)Interest rate swap agreement termination proceedsâ€”Â 107Â Prepaid assets(25)(33)Long-term tax receivable(165)â€”Â Other assets and liabilities(64)59Â Net cash provided by operating activities693Â 1,030Â Cash flows from investing activities:Â Â Investments in property, plant and equipment(116)(158)Acquisition of businesses and intangible assets, net of cash acquired(673)(85)Other investing activities8Â (7)Net cash used in investing activities(781)(250)Cash flows from financing activities:Â Â Proceeds from issuance of common stock under employee stock plans65Â 67Â Payment of taxes related to net share settlement of equity awards(31)(49)Acquisition of non-controlling interests(458)â€”Â Treasury stock repurchases(289)(276)Repayment of debt(24)â€”Â Other financing activities(16)(1)Net cash used in financing activities(753)(259)Effect of exchange rate movements2Â 10Â Net increase (decrease) in cash, cash equivalents, and restricted cash(839)531Â Cash, cash equivalents, and restricted cash at beginning of period2,488Â 2,057Â Cash, cash equivalents, and restricted cash at end of period$1,649Â $2,588Â Supplemental cash flow information:Interest payments$38Â $37Â Income tax paid, net$130Â $268Â Investments in property, plant and equipment included in accounts payable$17Â $23Â The accompanying notes are an integral part of these condensed consolidated financial statements.6Table of ContentsKEYSIGHT TECHNOLOGIES,Â INC. CONDENSED CONSOLIDATED STATEMENT OF EQUITY(in millions, except number of shares in thousands)(Unaudited)Â Common StockTreasury StockÂ Â Â Number of SharesPar ValueAdditional Paid-in CapitalNumber of SharesTreasury Stock at CostRetained EarningsAccumulated Other Comprehensive LossNon-controlling InterestsTotal Stockholders' EquityBalance as of April 30, 2024200,655Â $2Â $2,580Â (26,376)$(3,119)$5,909Â (469)â€”Â $4,903Â Net incomeâ€”Â â€”Â â€”Â â€”Â â€”Â 389Â â€”Â â€”Â 389Â Other comprehensive income (loss), net of taxâ€”Â â€”Â â€”Â â€”Â â€”Â 32Â â€”Â 32Â Issuance of common stock315Â â€”Â 32Â â€”Â â€”Â â€”Â â€”Â 32Â Taxes related to net share settlement of equity awardsâ€”Â â€”Â (3)â€”Â â€”Â â€”Â â€”Â (3)Share-based compensationâ€”Â â€”Â 28Â â€”Â â€”Â â€”Â â€”Â 28Â Repurchase of common stockâ€”Â â€”Â (1,074)(151)â€”Â â€”Â â€”Â (151)Balance as of July 31, 2024200,970Â $2Â $2,637Â (27,450)$(3,270)$6,298Â (437)â€”Â $5,230Â Balance as of October 31, 2023199,771Â $2Â $2,487Â (25,449)$(2,980)$5,611Â (466)â€”Â $4,654Â Net incomeâ€”Â â€”Â â€”Â â€”Â â€”Â 687Â â€”Â 4Â 691Â Other comprehensive income (loss), net of taxâ€”Â â€”Â â€”Â â€”Â â€”Â 29Â â€”Â 29Â ESI Group acquisition â€”Â â€”Â â€”Â â€”Â â€”Â â€”Â 458Â 458Â Issuance of common stock1,199Â â€”Â 65Â â€”Â â€”Â â€”Â â€”Â 65Â Taxes related to net share settlement of equity awardsâ€”Â â€”Â (31)â€”Â â€”Â â€”Â â€”Â (31)Share-based compensationâ€”Â â€”Â 112Â â€”Â â€”Â â€”Â â€”Â 112Â Repurchase of common stockâ€”Â â€”Â (2,001)(290)â€”Â â€”Â (290)Acquisition of non-controlling

interestsâ€”Â â€”Â 4Â â€”Â â€”Â â€”Â (462)(458)Balance as of July 31, 2024200,970Â $2Â $2,637Â (27,450)$(3,270)$6,298Â (437)â€”Â $5,230Â Balance as of April 30, 2023199,398Â $2Â $2,404Â (21,247)$(2,399)$5,097Â (399)â€”Â $4,705Â Net incomeâ€”Â â€”Â â€”Â â€”Â â€”Â 288Â â€”Â â€”Â 288Â Other comprehensive income (loss), net of taxâ€”Â â€”Â â€”Â â€”Â â€”Â â€”Â (3)â€”Â (3)Issuance of common stock350Â â€”Â 34Â â€”Â â€”Â â€”Â â€”Â â€”Â 34Â Taxes related to net share settlement of equity awardsâ€”Â â€”Â (2)â€”Â â€”Â â€”Â â€”Â â€”Â (2)Share-based compensationâ€”Â â€”Â 26Â â€”Â â€”Â â€”Â â€”Â â€”Â 26Â Repurchase of common stockâ€”Â â€”Â â€”Â (929)(151)â€”Â â€”Â â€”Â (151)Balance as of July 31, 2023199,748Â $2Â $2,462Â (22,176)$(2,550)$5,385Â (402)â€”Â $4,897Â Balance as of October 31, 2022198,569Â $2Â $2,333Â (20,536)$(2,274)$4,554Â (454)â€”Â $4,161Â Net incomeâ€”Â â€”Â â€”Â â€”Â â€”Â 831Â â€”Â â€”Â 831Â Other comprehensive income (loss), net of taxâ€”Â â€”Â â€”Â â€”Â â€”Â 52Â â€”Â 52Â Issuance of common stock1,179Â â€”Â 67Â â€”Â â€”Â â€”Â â€”Â â€”Â 67Â Taxes related to net share settlement of equity awardsâ€”Â â€”Â (49)â€”Â â€”Â â€”Â â€”Â â€”Â (49)Share-based compensationâ€”Â â€”Â 111Â â€”Â â€”Â â€”Â â€”Â â€”Â 111Â Repurchase of common stockâ€”Â â€”Â â€”Â (1,640)(276)â€”Â â€”Â â€”Â (276)Balance as of July 31, 2023199,748Â $2Â $2,462Â (22,176)$(2,550)$5,385Â (402)â€”Â $4,897Â The accompanying notes are an integral part of these condensed consolidated financial statements.7Table of ContentsKEYSIGHT TECHNOLOGIES,Â INC.NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS(Unaudited)1.Â Â Â Â OVERVIEW AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIESOverview. Keysight Technologies, Inc. (â€œwe,â€ â€œus,â€ â€œKeysightâ€ or the â€œcompanyâ€), incorporated in Delaware on December 6, 2013, is a global innovator in the computing, communications and electronics market, committed to advancing our customersâ€™ business success by helping them solve critical challenges in the development and commercialization of their products and services. Our mission, â€œaccelerating innovation to connect and secure the world,â€ speaks to the value we provide our customers in a world of ever-increasing technological complexity. We deliver this value through a broad range of design and test solutions that address the critical challenges our customers face in bringing their innovations to market faster.Our fiscal year-end is OctoberÂ 31, and our fiscal quarters end on JanuaryÂ 31, AprilÂ 30 and JulyÂ 31. Unless otherwise stated, these dates refer to our fiscal year and fiscal quarters.Basis of Presentation. We have prepared the accompanying financial statements pursuant to the rules and regulations of the Securities and Exchange Commission (â€œSECâ€). Certain information and footnote disclosures normally included in financial statements prepared in accordance with generally accepted accounting principles in the U.S. (â€œGAAPâ€) have been condensed or omitted pursuant to such rules and regulations. The accompanying financial statements and information should be read in conjunction with our Annual Report on Form 10-K.In the opinion of management, the accompanying condensed consolidated financial statements contain all normal and recurring adjustments necessary to state fairly our financial position as of July 31, 2024 and October 31, 2023, results of operations for the three and nine months ended July 31, 2024 and 2023, and cash flows for the nine months ended July 31, 2024 and 2023.Principles of consolidation. The condensed consolidated financial statements include the accounts of the company and our wholly- and majority-owned subsidiaries. All significant inter-company transactions have been eliminated. The condensed consolidated financial statements also reflect the impact of non-controlling interests. Non-controlling interests do not have a significant impact on the condensed consolidated results of operations; therefore, net income attributable to non-controlling interests for the nine months ended July 31, 2024 of $4Â million is not presented separately and is included in â€œother income (expense), netâ€ in the condensed consolidated statements of operations.Use of Estimates. The preparation of condensed consolidated financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the amounts reported in our condensed consolidated financial statements and accompanying notes. Management bases its estimates on historical experience and various other assumptions believed to be reasonable. Although these estimates are based on managementâ€™s knowledge of current events and actions that may impact the company in the future, actual results may be different from the estimates. Update to Significant Accounting Policies. There have been no material changes to our significant accounting policies as described in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023.New Accounting Pronouncements. Amendments to GAAP that do not require adoption until a future date are not expected to have a material impact on the condensed consolidated financial statements upon adoption.2.Â Â Â Â ACQUISITIONSAcquisition of ESI Group SAOn November 3, 2023, we acquired 50.6% of the share capital of ESI Group SA (â€œESI Groupâ€) for $477Â million, net of cash acquired, using existing cash. During January 2024, we completed the acquisition of the remaining share capital of ESI Group for $458Â million, using existing cash. The company entered into put/call agreements valued at $7Â million for certain ESI Group equity awards, subject to a holding period that may extend beyond the explicit vesting period, for the right to receive a cash payment equal to the public tender offer consideration of 155 euros per share, which was substantially paid in the third quarter of fiscal year 2024. For the three and nine months ended July 31, 2024, ESI Group's net revenue was $25Â million and $119Â million, respectively. For the three and nine months ended JulyÂ 31, 2024, ESI Group's net loss attributable to Keysight shareholders was $27Â million and $47Â million, respectively.The ESI Group acquisition was accounted for in accordance with the authoritative accounting guidance. The acquired assets and assumed liabilities were recorded by Keysight at their estimated fair values. Keysight determined the estimated fair values with the assistance of valuations performed by third party specialists, discounted cash flow analysis, and estimates made by management. The acquisition of ESI Group expands our application layer portfolio with simulation capabilities that are 8Table of Contentscritical to accelerate innovation in multiple end markets. These factors, among others, contributed to a purchase price in excess of the estimated fair value of ESI Group's net identifiable assets acquired (see summary of net assets below), and, as a result, we have recorded goodwill in connection with this transaction. Goodwill was assigned to the Communications Solutions Group (â€œCSGâ€) and the Electronic Industrial Solutions Group (â€œEISGâ€) reportable segments, based on the expected benefits and synergies that are likely to be realized from the ESI Group acquisition. We do not expect the goodwill recognized or any potential impairment charges in the future to be deductible for income tax purposes. A portion of the overall purchase price was allocated to acquired intangible assets. Amortization expense associated with acquired intangible assets is not deductible for tax purposes. Therefore, a deferred tax liability of $98Â million was established primarily for the future amortization of these intangibles and is included in â€œother long-term liabilitiesâ€ in the table below.The following table summarizes the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed on the closing date:November 3, 2023(in millions)Cash and cash equivalents$35Â Short-term investments12Accounts receivable28Other current assets18Property, plant and equipment4Operating lease right-of-use assets8Goodwill603Other intangible assets494Other assets3Total assets acquired1,205Â Accounts payable(8)Employee compensation and benefits(23)Deferred revenue(14)Income and other taxes payable(11)Operating lease liabilities(3)Other accrued liabilities(18)Debt(24)Retirement and post-retirement benefits(7)Long-term operating lease liabilities(5)Other long-term liabilities(115)Net assets acquired$977Â The fair values of cash and cash equivalents, short-term investments, accounts receivable, other current assets, accounts payable, employee compensation and benefits, and deferred revenue were generally determined using historical carrying values given the short-term nature of these assets and liabilities. The fair value for intangible assets was determined with the input from third-party valuation specialists. The fair values of property, plant and equipment and certain other liabilities were determined internally using historical carrying values and estimates made by management. During the second quarter of fiscal year 2024, the company decreased the deferred tax liability and goodwill by $8 million primarily for a timing difference in the recognition of research and development expenses. During the third quarter of fiscal year 2024, the company increased income and other taxes payable and other long-term liabilities by $3 million and $5 million, respectively, offset against goodwill, primarily for tax liabilities and uncertain tax positions. As additional information becomes available, we may revise the preliminary purchase price allocation during the remainder of the measurement period (which will not exceed 12 months from the acquisition date). Any such revisions or changes may be material.9Table of ContentsValuation of Intangible Assets AcquiredThe components of intangible assets acquired in connection with the ESI Group acquisition were as follows:EstimatedÂ Fair ValueEstimatedÂ usefulÂ life(in millions)(in years)DevelopedÂ technology$270Â 6CustomerÂ relationships1606Backlog153Trademarks/Tradename22TotalÂ amortizable intangibleÂ assets447In-processÂ researchÂ andÂ development47TotalÂ intangibleÂ assets$494Â As noted above, the intangible assets were valued with input from valuation specialists using the income approach, which includes the discounted cash flow, with and without, and relief from royalty methods. The in-process research and development was valued using the multi-period excess earnings method under the income approach by discounting forecasted cash flows directly related to the products expecting to result from the projects, net of returns on contributory assets. A discount rate of 12% was used to value the research and development projects to reflect the additional risks inherent in the acquired projects. The primary in-process projects acquired relate to next generation products which will be released in the near future. Total costs to complete for all ESI Group in-process research and development were estimated at approximately $7Â million as of the close date.Acquisition and integration costs directly related to the ESI Group acquisition are recorded in selling, general and administrative expenses, other operating expense (income), net and other income (expense), net, and were $9Â million and $30Â million for the three and nine months ended July 31, 2024, respectively. For the three and nine months ended July 31, 2024, we incurred $3 million and $9 million, respectively, of acquisition-related compensation expense to redeem certain of ESI Group's outstanding unvested stock awards as of the date of the acquisition that were determined to relate to post-merger service periods.The following represents pro forma operating results as if ESI Group had been included in the company's condensed consolidated statements of operations as of the beginning of fiscal 2023:Three Months EndedNine Months EndedJuly 31,July 31,20242023202420232023(in millions, except per-share amounts)Net revenue$1,217Â $1,409Â $3,692Â $4,276Â Net income$398Â $260Â $717Â $785Â Net income per share - Basic$2.28Â $1.46Â $4.11Â $4.41Â Net income per share - Diluted$2.27Â $1.45Â $4.09Â $4.38Â The unaudited pro forma financial information for the three and nine months ended July 31, 2024 and 2023 combines the historical results of Keysight and ESI Group for the three and nine months ended July 31, 2024 and 2023, assuming that the companies were combined as of November 1, 2022 and includes business combination accounting effects from the acquisition including amortization charges from acquired intangible assets and tax-related effects. The pro forma information as presented above is for informational purposes only and is not indicative of the results of operations that would have been achieved if the acquisition had taken place at the beginning of fiscal 2023.Acquisition of Riscure Holding B.V. On February 21, 2024, we acquired all the outstanding share capital of Riscure Holding B.V. (â€œRiscureâ€) for $78Â million, net of cash acquired, expanding our automated security assessment capabilities and solutions for semiconductors, embedded systems, and connected devices. We recognized goodwill and other intangible assets of $52Â million and $35Â million, respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed. Goodwill was assigned to the CSG reportable segment, based on the expected benefits and synergies that are likely to be realized from the Riscure acquisition. We do not expect the goodwill recognized or any potential impairment charges in the future to be deductible for income tax purposes.10Table of ContentsAcquisition of AnaPico AGOn June 12, 2024, we acquired all the outstanding share capital of AnaPico AG (â€œAnaPicoâ€) for $117Â million, net of cash acquired, accelerating our strategy to expand our customer base in chipset, device, automotive, aerospace, defense, and government markets. We recognized goodwill and other intangible assets of $65Â million and $53Â million respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed. Goodwill was assigned to the CSG and the EISG reportable segments, based on the expected benefits and synergies that are likely to be realized from the AnaPico acquisition. We do not expect the goodwill recognized or any potential impairment charges in the future to be deductible for income tax purposes.3.Â Â Â Â REVENUEDisaggregation of RevenueWe disaggregate our revenue from contracts with customers by geographic region, end market, and timing of revenue recognition, as we believe these categories best depict how the nature, amount, timing and uncertainty of our revenue and cash flows are affected by economic factors. Disaggregated revenue is presented for each of our reportable segments, CSG and EISG.Three Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)RegionAmericas$402Â $98Â $500Â $446Â $110Â $556Â Europe125Â 96Â 221Â 139Â 104Â 243Â Asia Pacific320Â 176Â 496Â 333Â 250Â 583Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â End MarketAerospace, Defense & Government$275Â $â€”Â $275Â $307Â $â€”Â $307Â Commercial Communications572Â â€”Â 572Â 611Â â€”Â 611Â Electronic Industrialâ€”Â 370Â 370Â â€”Â 464Â 464Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â Timing of Revenue RecognitionRevenue recognized at a point in time$660Â $298Â $958Â $749Â $395Â $1,144Â Revenue recognized over time187Â 72Â 259Â 169Â 69Â 238Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â 11Table of ContentsNine Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)RegionAmericas$1,216Â $290Â $1,506Â $1,322Â $312Â $1,634Â Europe384Â 320Â 704Â 414Â 315Â 729Â Asia Pacific926Â 556Â 1,482Â 1,058Â 732Â 1,790Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â End MarketAerospace, Defense & Government$847Â $â€”Â $847Â $927Â $â€”Â $927Â Commercial Communications1,679Â â€”Â 1,679Â 1,867Â â€”Â 1,867Â Electronic Industrialâ€”Â 1,166Â 1,166Â â€”Â 1,359Â 1,359Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Timing of Revenue RecognitionRevenue recognized at a point in time$1,972Â $951Â $2,923Â $2,301Â $1,165Â $3,466Â Revenue recognized over time554Â 215Â 769Â 493Â 194Â 687Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Our point-in-time revenues are generated predominantly from the sale of various types of design and test software and hardware, and per-incident repair and calibration services. Perpetual software and the portion of term software subscription revenue in this category represent revenue recognized upfront upon transfer of control at the time of electronic delivery. Revenue on per-incident repair and calibration services is recognized when services are performed. Over-time revenues are generated predominantly from the repair and calibration contracts, extended warranties, technical support for hardware and software, certain software subscription and Software as a Service (â€œSaaSâ€) product offerings, and professional services. Technical support for software and when-and-if available software updates and upgrades are sold either together with our software licenses and software subscriptions, including SaaS, or separately as part of our customer support programs. Additionally, we provide custom solutions that include combinations of hardware, software, software subscriptions, installation, professional services, and other

support services, and revenue may be recognized either up front upon delivery or over time depending upon the terms of the contract.Contract BalancesContract assets Contract assets consist of unbilled receivables and are recorded when revenue is recognized in advance of scheduled billings to our customers. These amounts are primarily related to solutions and support arrangements when transfer of control has occurred but we have not yet invoiced. The contract assets balance was $91 million and $58 million as of July 31, 2024 and October 31, 2023, respectively, and is included in â€œaccounts receivables, netâ€ and â€œother assetsâ€ in the condensed consolidated balance sheet.Contract costsWe capitalize direct and incremental costs incurred to acquire contracts for which the associated revenue is expected to be recognized in future periods. We have determined that certain employee and third-party representative commission programs meet the requirements to be capitalized. These costs are initially deferred and typically amortized over the term of the customer contract which corresponds to the period of benefit. Capitalized contract costs were $37 million and $43 million as of July 31, 2024 and October 31, 2023, respectively, and are included in â€œother current assetsâ€ and â€œother assetsâ€ in the condensed consolidated balance sheet. The amortization expense associated with these capitalized costs was $13 million and $43 million for the three and nine months ended July 31, 2024, respectively, and $13Â million and $50Â million for the corresponding periods last year.Contract liabilities Our contract liabilities consist of deferred revenue that arises when we receive consideration in advance of providing the goods or services promised in the contract. Contract liabilities are primarily generated from customer deposits received in 12Table of Contentsadvance of shipments for products or rendering of services and are recognized as revenue when products are shipped or services are provided to the customer. We classify deferred revenue as current or non-current based on the timing of when we expect to recognize revenue.The following table provides a roll-forward of our contract liabilities, current and non-current:Nine Months EndedJuly 31, 2024(in millions)Balance at October 31, 2023$757Â Deferral of revenue billed in current period, net of recognition440Â Deferred revenue arising out of acquisitions19Â Revenue recognized that was deferred as of the beginning of the period(475)Foreign currency translation impact3Â Balance at July 31, 2024$744Â Of the $475Â million of revenue recognized in the nine months ended July 31, 2024 that was deferred as of the beginning of the period, approximately $105Â million was recognized in the three months ended July 31, 2024.Remaining Performance ObligationsOur remaining performance obligations, excluding contracts that have an original expected duration of one year or less, was approximately $570 million as of July 31, 2024, and represents the companyâ€™s obligation to deliver products and services and obtain customer acceptance on delivered products. As of July 31, 2024, we expect to fulfill 16 percent of these remaining performance obligations during the remainder of 2024, 51 percent during 2025, and 33 percent thereafter.4.Â Â Â Â SHARE-BASED COMPENSATIONKeysight accounts for share-based awards in accordance with the provisions of the authoritative accounting guidance, which requires the measurement and recognition of compensation expense for all share-based payment awards made to our employees and directors, including restricted stock units (â€œRSUsâ€), employee stock purchases made under our Employee Stock Purchase Plan (â€œESPPâ€), and performance share awards granted to selected members of our senior management under the Long-Term Performance (â€œLTPâ€) Program, based on estimated fair values.Â The impact of share-based compensation expense on the condensed consolidated statement of operations was as follows:Three Months EndedNine Months EndedJuly 31,July 31,Â 2024202320242023Â (inÂ millions)Cost of products and services$7Â $4Â $22Â $20Â Research and development8Â 8Â 30Â 31Â Selling, general and administrative17Â 15Â 66Â 60Â Total share-based compensation expense$32Â $27Â $118Â $111Â For the three and nine months ended July 31, 2024, the total share-based compensation expense includes $3Â million and $9Â million, respectively, of ESI Group acquisition-related compensation to redeem certain outstanding unvested stock awards as of the date of the acquisition that were determined to relate to post-merger service periods. Share-based compensation capitalized within inventory was $2Â million as of July 31, 2024 and 2023.5.Â Â Â Â INCOME TAXESThe following table provides income tax details:Â Three Months EndedNine Months EndedJuly 31,July 31,Â 2024202320242023(in millions, except percentages)Income before taxes$213$389$617$1,081Provision (benefit) for income taxes(176)101(70)250Effective tax rate(81.9)%25.8Â %(11.2)%23.1Â %13Table of ContentsThere was a tax benefit for the three and nine months ended July 31, 2024, as compared to the overall tax expense for the same periods last year, primarily due to one-time discrete tax benefits, as explained below, and a decrease in income before taxes in the current year.The income tax benefit for the three and nine months ended July 31, 2024 included a net discrete benefit of $179Â million and $178Â million, respectively. The income tax expense for the three and nine months ended July 31, 2023 included a net discrete expense of $19Â million and $21Â million, respectively.The discrete tax benefit for the three and nine months ended July 31, 2024 includes a $165Â million benefit related to the deduction in the U.S. for intangible assets for purposes of determining income or loss under IRC Â§ 951A(c). On June 14, 2019, the U.S. Department of the Treasury (â€œTreasuryâ€) issued final regulations relating to Global Intangible Low Taxed Income (â€œGILTIâ€) under IRC Â§ 951A (the â€œtax regulationsâ€). The tax regulations contained language which disallowed GILTI tax deductions for intangible asset amortization resulting from the Singapore restructuring completed in 2018. During the quarter, the company concluded, in response to recent U.S. Supreme Court decisions on a number of relevant cases, the evolving global tax landscape and other changes in circumstances, that Treasury exceeded its regulatory authority and the intangible asset amortization should be deductible. The company amended its U.S. federal income tax returns for the open tax years to claim the deduction and recognized the discrete benefit in the condensed consolidated financial statements. The tax receivable resulting from the amended returns is reflected as â€œother assetsâ€ in the condensed consolidated balance sheet. The GILTI tax benefit for the fiscal year 2024 amortization is included in the annual effective tax rate, and the Singapore intangible assets will continue to be amortized for GILTI tax purposes until 2033.The company believes the position meets the more likely than not recognition threshold. The company intends to vigorously defend its position. The outcome cannot be predicted with certainty. If we are ultimately unsuccessful in defending our position, we may be required to reverse the benefit previously recorded.The discrete tax benefit for the three and nine months ended July 31, 2024 also includes a $61Â million benefit for the settlement of a Malaysia uncertain tax position. In the fourth quarter of fiscal year 2017, Keysight was assessed and paid income tax and penalties in Malaysia on gains related to the transfer of intellectual property rights. The company disputed this assessment and filed an appeal with the Court of Appeal in Malaysia. The Court of Appealâ€™s decision was rendered in Keysightâ€™s favor on May 24, 2024, and the company received a refund of the income tax and penalties. At the time of the original assessment, the company had recorded a tax reserve for the assessed amount; the tax reserve was released as a result of the Court of Appeal decision.Additionally, the income tax benefit for the three and nine months ended July 31, 2024 is offset by a discrete expense of $35Â million due to a change in the potential U.S. benefit associated with the future resolution of non-U.S. tax reserves.Keysight benefits from tax incentives in several jurisdictions, most significantly in Singapore and Malaysia. The tax incentives provide lower rates of taxation on certain classes of income and require thresholds of investments and employment in those jurisdictions. The Malaysia tax incentive expires October 31, 2025. The Singapore tax incentive expired July 31, 2024. The expiration of the Singapore tax incentive in the current year has been reflected in the annual tax forecast. The impact of the tax incentives decreased the income tax provision by $35 million and $73 million for the nine months ended July 31, 2024 and 2023, respectively. The decrease in the tax benefit for the nine months ended July 31, 2024 is primarily due to a decrease in earnings taxed at incentive rates and the impact of the expiration of the Singapore tax incentive. The company is pursuing options to renew the Singapore tax incentive with retroactive effect to August 1, 2024.The open tax years for the U.S. federal income tax return and most state income tax returns are from November 1, 2019 through the current tax year. For the majority of our non-U.S. entities, the open tax years are from November 1, 2018 through the current tax year.At this time, management does not believe that the outcome of any future or currently ongoing examination will have a material impact on our consolidated financial statements. We believe that we have an adequate provision for any adjustments that may result from tax examinations. However, the outcome of tax examinations cannot be predicted with certainty. Given the numerous tax years and matters that remain subject to examination in various tax jurisdictions, the ultimate resolution of current and future tax examinations could be inconsistent with managementâ€™s current expectations. If that were to occur, it could have an impact on our effective tax rate in the period in which such examinations are resolved.14Table of Contents6.Â Â Â Â NET INCOME PER SHAREThe following table presents the calculation of basic and diluted net income per share:Three Months EndedNine Months EndedJuly 31,July 31,Â 2024202320242023(in millions, except per-share amounts)Net income$389Â $288Â $687Â $831Â Basic weighted-average shares174Â 178Â 174Â 178Â Potential common shares1Â 1Â 1Â 1Â Diluted weighted-average shares175Â 179Â 175Â 179Â Net income per share - basic$2.23Â $1.62Â $3.94Â $4.66Â Net income per share - diluted$2.22Â $1.61Â $3.92Â $4.63Â Diluted shares outstanding primarily include the dilutive effect of non-vested awards and in-the-money options. The diluted effect of such awards is calculated based on the average share price of each period using the treasury stock method, except where the inclusion of such awards would have an anti-dilutive impact. Anti-dilutive shares excluded from the calculation of diluted earnings per share were immaterial for the three and nine months ended July 31, 2024 and 2023.7.Â Â Â Â GOODWILL AND OTHER INTANGIBLE ASSETSThe goodwill balance as of July 31, 2024 and October 31, 2023 and the activity for the nine months ended July 31, 2024 for each of our reportable operating segments were as follows:Â CSGEISGTotalÂ (in millions)Goodwill at October 31, 2023$1,057Â $583Â $1,640Â Foreign currency translation impact3Â 5Â 8Â Goodwill arising from acquisitions185Â 558Â 743Â Goodwill at July 31, 2024$1,245Â $1,146Â $2,391Â There were no impairments for the three and nine months ended July 31, 2024 and 2023. As of July 31, 2024 and October 31, 2023, accumulated impairment losses on goodwill was $709Â million.Other intangible assets as of July 31, 2024 and October 31, 2023 consisted of the following:Â July 31, 2024October 31, 2023Â GrossCarryingAmountAccumulatedAmortizationNetÂ BookValueGrossCarryingAmountAccumulatedAmortizationNetÂ BookValueÂ (inÂ millions)Developed technology$1,367Â $1,000Â $367Â $1,033Â $949Â $84Â Backlog37Â 23Â 14Â 19Â 17Â 2Â Trademark/Tradename38Â 35Â 3Â 36Â 33Â 3Â Customer relationships587Â 387Â 200Â 406Â 340Â 66Â Total amortizable intangible assets$2,029Â $1,445Â $584Â $1,494Â $1,339Â $155Â In-Process R&D53Â â€”Â 53Â â€”Â â€”Â â€”Â Total$2,082Â $1,445Â $637Â $1,494Â $1,339Â $155Â During the nine months ended July 31, 2024, we recognized additions to goodwill and other intangible assets of $743Â million and $582Â million, respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed from the acquisition of ESI Group and other acquisition activity. See Note 2, â€œAcquisitions,â€ for additional information. During the nine months ended July 31, 2024, we transferred $7Â million from in-process R&D to developed technology as projects were successfully completed.Goodwill is assessed for impairment on a reporting unit basis at least annually in the fourth quarter of each year, or more frequently when events and circumstances occur indicating that the recorded goodwill may be impaired. The company has not identified any triggering events that indicate an impairment of goodwill for the nine months ended July 31, 2024.15Table of ContentsDuring the nine months ended July 31, 2024, foreign exchange translation had a favorable impact of $6 million on other intangible assets. Amortization of other intangible assets was $31 million and $106Â million, respectively, for the three and nine months ended July 31, 2024. Amortization of other intangible assets was $23Â million and $71Â million, respectively, for the three and nine months ended July 31, 2023.Estimated intangible assets amortization expense for each of the five succeeding fiscal years is as follows:Amortization expense(in millions)2024 (remainder)$32Â 2025$124Â 2026$111Â 2027$99Â 2028$96Â 2029$88Â Thereafter$34Â 8.Â Â Â Â FAIR VALUE MEASUREMENTSThe authoritative guidance defines fair value as the price that would be received from selling an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. When determining the fair value measurements for assets and liabilities required or permitted to be recorded at fair value, we consider the principal or most advantageous market and assumptions that market participants would use when pricing the asset or liability.Fair Value HierarchyThe guidance establishes a fair value hierarchy that prioritizes inputs used in valuation techniques into three levels. A financial instrumentâ€™s categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the fair value measurement. There are three levels of inputs that may be used to measure fair value:Level 1 - applies to assets or liabilities for which there are quoted prices in active markets for identical assets or liabilities.Level 2 - applies to assets or liabilities for which there are inputs other than quoted prices included within Level 1 that are observable, either directly or indirectly, for the asset or liability such as: quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in less active markets; or other inputs that can be derived principally from, or corroborated by, observable market data.Level 3 - applies to assets or liabilities for which there are unobservable inputs to the valuation methodology that are significant to the measurement of the fair value of the assets or liabilities.16Table of ContentsFinancial Assets and Liabilities Measured at Fair Value on a Recurring BasisFinancial assets and liabilities measured at fair value on a recurring basis as of July 31, 2024 and October 31, 2023 were as follows:Fair Value Measurements atÂ July 31, 2024October 31, 2023Â TotalLevel 1LevelÂ 2LevelÂ 3OtherTotalLevel 1LevelÂ 2LevelÂ 3OtherÂ (inÂ millions)Assets:Â Â Â Â Â Â Â Â Short-termÂ Â Â Â Â Â Â Â Â Money market funds$989Â $989Â $â€”Â $â€”Â $â€”Â $1,934Â $1,934Â $â€”Â $â€”Â $â€”Â Derivative instruments (foreign exchange contracts)14Â â€”Â 14Â â€”Â â€”Â 18Â â€”Â 18Â â€”Â â€”Â Long-termEquity investments78Â 78Â â€”Â â€”Â â€”Â 56Â 56Â â€”Â â€”Â â€”Â Other investments29Â â€”Â â€”Â â€”Â 29Â 25Â â€”Â â€”Â â€”Â 25Â Total assets measured at fair value$1,110Â $1,067Â $14Â $â€”Â $29Â $2,033Â $1,990Â $18Â $â€”Â $25Â Liabilities:Â Â Â Â Â Â Â Â Short-termDerivative instruments (foreign exchange contracts)$8Â $â€”Â $8Â $â€”Â $â€”Â $54Â $â€”Â $54Â $â€”Â $â€”Â Long-termDeferred compensation liability33Â â€”Â 33Â â€”Â â€”Â 27Â â€”Â 27Â â€”Â â€”Â Total liabilities measured at fair value$41Â $â€”Â $41Â $â€”Â $â€”Â $81Â $â€”Â $81Â $â€”Â $â€”Â During the nine months ended July 31, 2024, we purchased an equity investment for $10Â million.Our money market funds and equity investments with readily determinable fair values are measured at fair value using quoted market prices and, therefore, are classified within Level 1 of the fair value hierarchy. Equity and fixed income investments or convertible notes without readily determinable fair values that are either measured at cost, adjusted for observable changes in price or impairments, or accounted for under a measurement alternative are not categorized in the fair value hierarchy and are presented as â€œother investmentsâ€ in the table above. Our deferred compensation liability is classified as Level 2 because the inputs used in the calculations are observable, although the values are not directly based on quoted market prices. Our derivative financial instruments are classified within Level 2 as there is

not an active market for each hedge contract, but the inputs used to calculate the value of the instruments are tied to active markets.Equity investments, including securities that are earmarked to pay the deferred compensation liability, and the deferred compensation liability are reported at fair value, with gains or losses resulting from changes in fair value recognized in earnings. Certain derivative instruments are reported at fair value, with unrealized gains and losses, net of tax, included in â€œaccumulated other comprehensive income (loss).â€ The changes in fair value of the equity investment are recorded within â€œother income (expense), netâ€ in the condensed consolidated statement of operations.Net recognized gain (loss) on sale of our equity and other investments were as follows:Three Months EndedNine Months EndedJuly 31,July 31,2024202320242023Â (inÂ millions)Net realized gain (loss) on equity and other investments sold$â€”Â $â€”Â $â€”Â $â€”Â Net unrealized gain (loss) on equity and other investments still held$3Â $13Â $13Â $20Â 9.Â Â Â Â DERIVATIVESWe are exposed to foreign currency exchange rate fluctuations and interest rate changes in the normal course of our business. As part of our risk management strategy, we use derivative instruments, primarily forward contracts, to hedge economic and/or accounting exposures resulting from changes in foreign currency exchange rates.17Table of ContentsCash Flow HedgesWe enter into foreign exchange contracts to hedge our forecasted operational cash flow exposures resulting from changes in foreign currency exchange rates. These foreign exchange contracts, carried at fair value, have maturities based on a rolling period of up to twelve months. These derivative instruments are designated and qualify as cash flow hedges under the criteria prescribed in the authoritative guidance.In 2020, we entered into forward-starting interest rate swap agreements with an aggregate notional amount of $600 million associated with future interest payments on anticipated debt issuances through fiscal year 2024. In 2023, we terminated the interest rate swap agreements, resulting in a deferred gain of $107Â million recognized in accumulated other comprehensive income (loss) to be amortized to interest expense over the term of the anticipated debt. As part of the ESI Group acquisition, we assumed two interest rate swap agreements with an aggregate notional amount of 5Â million euros to hedge the variable interest rate of the syndicate loan. In April 2024, we terminated these interest rate swap agreements resulting in an immaterial impact on earnings.Non-designated HedgesAdditionally, we periodically enter into foreign exchange contracts to hedge monetary assets and liabilities that are denominated in currencies other than the functional currency of our subsidiaries. In connection with the acquisition of the ESI Group, we entered into foreign exchange forward contracts to mitigate the currency exchange risk associated with the payment of the purchase price in euros. The aggregate notional amount of the currencies hedged was 930Â million euros as of October 31, 2023. These foreign exchange contracts did not qualify for hedge accounting treatment and were not designated as hedging instruments. During the nine months ended July 31, 2024, these foreign exchange forward contracts were settled using existing cash of $63Â million, resulting in a loss of $18Â million recorded in â€œother income (expense), netâ€ in the condensed consolidated statement of operations.During the third quarter of fiscal year 2024, we entered into foreign exchange forward contracts with an aggregate notional amount of 1.2Â billion pounds sterling to mitigate the currency exchange risk associated with a planned acquisition. These foreign exchange contracts do not qualify for hedge accounting treatment and are not designated as hedging instruments. The resulting net unrealized gain on outstanding contracts was $7Â million and was recorded in â€œother income (expense), netâ€ in the condensed consolidated statement of operations and in â€œother assetsâ€ and â€œother accrued liabilitiesâ€ in the condensed consolidated balance sheet for the three and nine months ended July 31, 2024.The aggregate number of open foreign exchange forward contracts designated as â€œcash flow hedgesâ€ and â€œnot designated as hedging instrumentsâ€ was 207 and 85, respectively, as of July 31, 2024. The net notional amounts by currency and designation as of July 31, 2024 were as follows:Â DerivativesÂ inÂ CashÂ Flow HedgingÂ RelationshipsDerivatives Not Designated asÂ Hedging InstrumentsÂ ForwardContractsForwardContractsCurrencyBuy/(Sell)Buy/(Sell)Â (inÂ millions)Euro$21Â $44Â Pound Sterling9Â 1,541Â Singapore Dollar35Â 4Â Malaysian Ringgit104Â 11Â Japanese Yen(103)(66)Other currencies(34)(31)Total$32Â $1,503Â 18Table of ContentsDerivative instruments are subject to master netting arrangements and are disclosed gross in the condensed consolidated balance sheet. The gross fair values and balance sheet presentation of derivative instruments held as of July 31, 2024 and October 31, 2023 were as follows:Fair Values of Derivative InstrumentsAssets DerivativesLiabilities DerivativesFair ValueÂ Fair ValueBalance Sheet LocationJuly 31, 2024October 31, 2023Balance Sheet LocationJuly 31, 2024October 31, 2023(in millions)Derivatives designated as hedging instruments:Â Â Â Â Â Cash flow hedgesForeign exchange contractsÂ Â Â Â Â Other current assets$4Â $16Â Other accrued liabilities$3Â $7Â Derivatives not designated as hedging instruments:Â Â Â Â Â Foreign exchange contractsÂ Â Â Â Â Other current assets10Â 2Â Other accrued liabilities5Â 47Â Total derivatives$14Â $18Â Â $8Â $54Â The effect of derivative instruments for foreign exchange contracts designated as hedging instruments and for those not designated as hedging instruments in the condensed consolidated statement of operations was as follows:Three Months EndedNine Months EndedJuly 31,July 31,2024202320242023Â (inÂ millions)Derivatives designated as hedging instruments:Â Â Cash Flow HedgesInterest rate swap contracts:Gain (loss) recognized in accumulated other comprehensiveÂ income (loss)$â€”Â $â€”Â $â€”Â $(26)Foreign exchange contracts:Gain (loss) recognized in accumulated other comprehensiveÂ income (loss)$â€”Â $3Â $1Â $3Â Gain (loss) reclassified from accumulated other comprehensiveÂ income (loss) into earnings:Cost of products$3Â $1Â $9Â $5Â Selling, general and administrative$â€”Â $â€”Â (1)(1)Gain (loss) excluded from effectiveness testing recognized in earnings based on amortization approach:Cost of products$â€”Â $2Â $3Â $4Â Selling, general and administrative(1)â€”Â (1)â€”Â Derivatives not designated as hedging instruments:Gain (loss) recognized in:Other income (expense), net$8Â (2)(12)$(2)The estimated amount as of July 31, 2024 expected to be reclassified from accumulated other comprehensive income (loss) to earnings within the next twelve months is a gain of $9Â million.19Table of Contents10.Â Â Â Â DEBTThe following table summarizes the components of our debt:July 31, 2024October 31, 2023(in millions)2024 Senior Notes at 4.55% ($600 face amount less unamortized costs of zero and $1)$600Â $599Â 2027 Senior Notes at 4.60% ($700 face amount less unamortized costs of $2 and $2)698Â 698Â 2029 Senior Notes at 3.00% ($500 face amount less unamortized costs of $2 and $3)498Â 497Â Total debt1,796Â 1,794Â Less: Current portion of long-term debt600Â 599Â Long-Term Debt$1,196Â $1,195Â Â Â Â Â Â Â Â Â Revolving Credit FacilityOn July 30, 2021, we entered into an amended and restated credit agreement (the â€œRevolving Credit Facilityâ€) which provides a $750Â million five-year unsecured revolving credit facility that expires on July 30, 2026 with an annual interest rate of LIBOR + 1 percent along with a facility fee of 0.125 percent per annum. On February 17, 2023, we entered into the first amendment to the Revolving Credit Facility to change the annual interest rate from LIBOR + 1 percent to SOFR + 1.1 percent. In addition, the Revolving Credit Facility permits the company, subject to certain customary conditions, on one or more occasions to request to increase the total commitments under the Revolving Credit Facility by up to $250Â million in the aggregate. We may use amounts borrowed under the Revolving Credit Facility for general corporate purposes. As of July 31, 2024 and October 31, 2023, we had no borrowings outstanding under the Revolving Credit Facility. We were in compliance with the covenants of the Revolving Credit Facility during the nine months ended July 31, 2024.Senior NotesThere have been no changes to the principal, maturity, interest rates and interest payment terms of the senior notes during the nine months ended July 31, 2024 as compared to the senior notes described in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023.The fair value of our debt, which is calculated from quoted prices that are primarily Level 1 inputs under the accounting guidance fair value hierarchy was approximately $1,751 million and $1,679 million as of July 31, 2024 and October 31, 2023, respectively.Bridge FacilityOn March 28, 2024, we entered into a bridge credit agreement (the â€œBridge Facilityâ€) pursuant to which certain lenders agreed to provide a senior unsecured 364-day bridge credit facility of up to 1,350Â million pounds sterling for the purpose of providing the financing to support a planned acquisition. On July 25, 2024, the Bridge Facility was decreased to 1,232Â million pounds sterling. We incurred costs in connection with the Bridge Facility of $7Â million that are included in â€œother current assetsâ€ in the condensed consolidated balance sheet and are being amortized to interest expense over the term of the Bridge Facility.Letters of creditAs of July 31, 2024 and October 31, 2023, we had $43 million and $41Â million, respectively, of outstanding letters of credit and surety bonds unrelated to the credit facility that were issued by various lenders.ESI Group debt and credit facility assumedAs part of the ESI Group acquisition, we assumed debt of $24Â million, of which $10Â million was payable within one year. The debt included a syndicated loan of $11Â million payable through yearly installments until April 2025 with an annual interest rate of EURIBOR + 2 to 2.5 percent. We also assumed various fixed interest rate state-guaranteed loans and other bank borrowings of $13Â million. During the nine months ended July 31, 2024, we repaid the debt assumed as part of the acquisition.As part of the ESI Group acquisition, we assumed a revolving credit facility of 10Â million euros that was subsequently terminated in April 2024.20Table of Contents11.Â Â Â Â RETIREMENT PLANS AND POST-RETIREMENT BENEFIT PLANSFor the three and nine months ended July 31, 2024 and 2023, our net pension and post-retirement benefit cost (benefit) consisted of the following:Â PensionsÂ Â U.S.Â Defined Benefit PlansNon-U.S. Defined BenefitPlansU.S.Â Post-RetirementBenefitÂ PlanÂ Three Months EndedJuly 31,Â 2024202320242023202420232024202320242023(inÂ millions)Service costâ€”benefits earned during the period$4Â $4Â $3Â $2Â $â€”Â $â€”Â Interest cost on benefit obligation10Â 10Â 9Â 8Â 2Â 2Â Expected return on plan assets(12)(13)(13)(13)(3)(3)Amortization of net actuarial loss2Â 2Â 2Â 3Â â€”Â â€”Â Net periodic benefit cost (benefit)$4Â $3Â $1Â $â€”Â (1)(1)Â PensionsÂ Â U.S.Â Defined Benefit PlansNon-U.S. Defined BenefitPlansU.S.Â Post-RetirementBenefitÂ PlanÂ Nine Months EndedJuly 31,Â 2024202320242023202420232024202320242023(inÂ millions)Service costâ€”benefits earned during the period$11Â $12Â $7Â $7Â $â€”Â $â€”Â Interest cost on benefit obligation30Â 28Â 27Â 23Â 6Â 6Â Expected return on plan assets(36)(37)(39)(39)(9)(9)Amortization of net actuarial loss7Â 6Â 6Â 7Â â€”Â 1Â Net periodic benefit cost (benefit)$12Â $9Â $1Â (2)(3)$(2)We record the service cost component of net periodic benefit cost (benefit) in the same line item as other employee compensation costs. The non-service components of net periodic benefit cost (benefit), such as interest cost, expected return on assets, amortization of prior service cost, and actuarial gains or losses, are recorded within â€œother income (expense), netâ€ in the condensed consolidated statement of operations.We did not contribute to our U.S. defined benefit plans or U.S. post-retirement benefit plan during the three and nine months ended July 31, 2024 and 2023. We contributed $3Â million and $8Â million, respectively, to our non-U.S. defined benefit plans during the three and nine months ended July 31, 2024. We contributed $2Â million and $7Â million, respectively, to our non-U.S. defined benefit plans during the three and nine months ended July 31, 2023.For the remainder of 2024, we do not expect to contribute to our U.S. defined benefit plan and U.S. post-retirement benefit plan, and we expect to contribute $2 million to our non-U.S. defined benefit plans. The amounts we contribute depend upon, among other things, legal requirements, underlying asset returns, the planâ€™s funded status, the anticipated tax deductibility of the contribution, local practices, employee retirements, market conditions, interest rates and other factors.12.Â Â Â Â SUPPLEMENTAL FINANCIAL INFORMATIONThe following tables provide details of selected balance sheet items:Cash, cash equivalents, and restricted cashJuly 31, 2024October 31, 2023(in millions)Cash and cash equivalents$1,632Â $2,472Â Restricted cash included in other assets17Â 16Â Total cash, cash equivalents, and restricted cash shown in the statement of cash flows$1,649Â $2,488Â Restricted cash relates primarily to deficit reduction contributions to an escrow account for one of our non-U.S. defined benefit pension plans and deposits held as collateral against bank guarantees.21Table of ContentsInventoryÂ July 31, 2024October 31, 2023Â (inÂ millions)Finished goods$379Â $376Â Purchased parts and fabricated assemblies647Â 609Â Total inventory$1,026Â $985Â LeasesThe following table summarizes the components of our lease cost:Three Months EndedNine Months EndedJuly 31,July 31,20242023202420232023(in millions)Operating lease cost$16Â $14Â $47Â $40Â Variable lease cost$5Â $5Â $16Â $15Â Supplemental information related to our operating leases was as follows:Nine Months EndedJuly 31,20242023(in millions)Cash payment for operating leases$42Â $40Â Right-of-use assets obtained in exchange for operating lease obligations$32Â $32Â Standard warrantyOur warranties on products sold through direct sales channels are primarily for one year. Warranties for products sold through distribution channels are primarily for three years. We accrue for standard warranty costs based on historical trends in warranty charges. The accrual is reviewed regularly and periodically adjusted to reflect changes in warranty cost estimates. Estimated warranty charges are recorded within cost of products at the time related product revenue is recognized.Activity related to the standard warranty accrual, which is included in â€œother accrued liabilitiesâ€ and â€œother long-term liabilitiesâ€ in the condensed consolidated balance sheet, is as follows:Â Nine Months EndedJuly 31,Â 20242023Â (inÂ millions)Beginning balance$36Â $32Â Accruals for warranties, including change in estimates16Â 23Â Settlements made during the period(20)(21)Ending balance$32Â $34Â Accruals for warranties due within one year$20Â $20Â Accruals for warranties due after one year12Â 14Â Ending balance $32Â $34Â Other current assetsÂ July 31, 2024October 31, 2023Â (inÂ millions)Prepaid assets$328Â $284Â Other current assets208Â 168Â Total other current assets$536Â $452Â Prepaid assets include deposits paid in advance to contract manufacturers of $221 millionÂ and $210 million as of July 31, 2024 and October 31, 2023, respectively. 22Table of Contents13.Â Â Â Â COMMITMENTS AND CONTINGENCIESCommitmentsDuring the nine months ended July 31, 2024, there were no material changes to the purchase commitments as reported in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023.ContingenciesOn August 3, 2021, we entered into a Consent Agreement with the Directorate of Defense Trade Controls, Bureau of Political-Military Affairs, Department of State (â€œDTCCâ€) to resolve alleged violations of the Arms Export Control Act and the International Traffic in Arms Regulations (â€œITARâ€). Pursuant to the Consent Agreement, we were assessed a penalty of $6.6Â million to be paid over three years, $2.5Â million of which was suspended and designated for remediation activities over three years, including employment of a special compliance officer. The suspended portion of the penalty was satisfied by amounts spent on qualifying compliance activities. On April 23, 2024, we made the final payment on the penalty, bringing the total amount paid to $4.1Â million. On May 3, 2024, we submitted a certification letter to the DTCC certifying that Keysight had implemented all aspects of the Consent Agreement and that Keysightâ€™s compliance program is adequate to identify, prevent, detect, correct, and report violations of the ITAR. On May 22, 2024, the DTCC closed the Consent Agreement based on this certification and their conclusion that Keysight had fulfilled the terms of the Consent Agreement.On January 1, 2022, Centripetal Networks filed a lawsuit in Federal District Court in Virginia, alleging that certain Keysight products infringe certain of Centripetalâ€™s patents. In addition, in February 2022 Centripetal filed complaints in Germany alleging infringement of certain of Centripetalâ€™s German patents, and in April 2022 Centripetal filed a complaint with the International Trade Commission (â€œITCâ€) requesting that they investigate whether Keysight violated Section 337 of the Tariff Act (â€œSection 337â€) and should be enjoined from importing certain products that are manufactured outside of the U.S. and which are alleged to infringe Centripetal patents. On December 5, 2023, the ITC issued

its Notice of Determination that Keysight did not unfairly import products in violation of Section 337 and the investigation was terminated. Centripetal has appealed this determination. On August 21, 2024, Keysight was served in Germany with a complaint filed in the Unified Patent Court alleging that certain Keysight products sold in Germany, France, Italy and the Netherlands infringe a European Centripetal patent. We deny the allegations and are aggressively defending each case. Although there are no matters pending that we currently believe are probable and reasonably possible of having a material impact to our business, consolidated financial position, or results of operations or cash flows, the outcome of litigation is inherently uncertain and is difficult to predict. An adverse outcome in any outstanding lawsuit or proceeding could result in significant monetary damages or injunctive relief. If adverse results are above managementâ€™s expectations or are unforeseen, management may not have accrued for the liability, which could impact our results in future periods.We are also involved in lawsuits, claims, investigations and proceedings, including, but not limited to, patent, employment, commercial and environmental matters, which arise in the ordinary course of business.14.Â Â Â Â STOCKHOLDERS' EQUITYStock Repurchase ProgramOn March 6, 2023, our board of directors approved a stock repurchase program authorizing the purchase of up to $1,500Â million of the companyâ€™s common stock, of which $635Â million remained as of July 31, 2024.Under our stock repurchase program, shares may be purchased from time to time, subject to general business and market conditions and other investment opportunities, through open market purchases, privately negotiated transactions or other means. All such shares and related costs are held as treasury stock and accounted for at trade date using the cost method. The stock repurchase program may be commenced, suspended or discontinued at any time at the companyâ€™s discretion and does not have an expiration date.For the nine months ended July 31, 2024, we repurchased 2,000,882 shares of common stock for $289 million. For the nine months ended July 31, 2023, we repurchased 1,640,236 shares of common stock for $276 million.23Table of ContentsAccumulated Other Comprehensive LossChanges in accumulated other comprehensive loss by component and related tax effects for the three and nine months ended July 31, 2024 and 2023 were as follows:Foreign currency translationNet defined benefit pension cost and post-retirement plan costsGains (losses) on derivativesTotalActuarial lossesPrior service credits(in millions)As of April 30, 2024(172)(377)(6)86Â $(469)Other comprehensive income (loss) before reclassifications32Â â€”Â â€”Â â€”Â 32Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 4Â â€”Â (3)1Â Tax benefit (expense)â€”Â (1)â€”Â â€”Â (1)Other comprehensive income (loss)32Â 3Â â€”Â (3)32Â As of July 31, 2024(140)(374)(6)83Â $(437)As of October 31, 2023(167)(382)(6)89Â $(466)Other comprehensive income (loss) before reclassifications27Â â€”Â â€”Â 1Â 28Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 11Â â€”Â (8)3Â Tax benefit (expense)â€”Â (3)â€”Â 1Â (2)Other comprehensive income (loss)27Â 8Â â€”Â (6)29Â As of July 31, 2024(140)(374)(6)83Â $(437)As of April 30, 2023(115)(365)(6)87Â $(399)Other comprehensive income (loss) before reclassifications(9)â€”Â â€”Â 3Â (6)Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 5Â â€”Â (1)4Â Tax benefit (expense)â€”Â (1)â€”Â â€”Â (1)Other comprehensive income (loss)(9)4Â â€”Â 2Â (3)As of July 31, 2023(124)(361)(6)89Â $(402)As of October 31, 2022(185)(373)(6)110Â $(454)Other comprehensive income (loss) before reclassifications61Â â€”Â â€”Â (23)38Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 15Â â€”Â (4)11Â Tax benefit (expense)â€”Â (3)â€”Â 6Â 3Â Other comprehensive income (loss)61Â 12Â â€”Â (21)52Â As of July 31, 2023(124)(361)(6)89Â $(402)24Table of ContentsReclassifications out of accumulated other comprehensive loss into earnings for the three and nine months ended July 31, 2024 and 2023 were as follows:Details about accumulated other comprehensive loss componentsAmounts reclassified from accumulated other comprehensive lossAffected line item in statement of operationsThree Months EndedNine Months EndedJuly 31,July 31,20242023202320242023(in millions)Gain (loss) on derivatives$3Â $1Â $9Â $5Â Cost of productsâ€”Â â€”Â (1)(1)Selling, general and administrativeâ€”Â (1)(1)(1)Benefit (provision) for income tax3Â â€”Â 7Â 3Â Net of income taxNet defined benefit pension cost and post-retirement plan costs:Net actuarial loss(4)(5)(11)(15)Other income (expense), net1Â 1Â 3Â 3Â Benefit (provision) for income tax(3)(4)(8)(12)Net of income taxTotal reclassifications for the period$â€”Â (4)(1)$(9)Net of income tax15.Â Â Â Â SEGMENT INFORMATIONWe report our results in two reportable segments: CSG and EISG. The results of our reportable segments are based on our management reporting system and are not necessarily in conformity with GAAP. The performance of each segment is measured based on several metrics, including income from operations. These results are used, in part, by the chief operating decision maker in evaluating the performance of, and in allocating resources to, each of the segments.The profitability of each of the segments is measured after excluding share-based compensation expense, amortization of acquisition-related balances, acquisition and integration costs, restructuring costs, interest income, interest expense and other items as noted in the reconciliations below.Three Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)Revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â Segment income from operations$223Â $74Â $297Â $276Â $157Â $433Â Nine Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)Revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Segment income from operations$672Â $274Â $946Â $811Â $454Â $1,265Â 25Table of ContentsThe following table reconciles total reportable operating segmentsâ€™ income from operations to our income before taxes, as reported:Three Months EndedNine Months EndedÂ July 31,July 31,Â 2024202320242023Â (inÂ millions)Total reportable operating segments' income from operations$297Â $433Â $946Â $1,265Â Share-based compensation(32)(27)(118)(111)Amortization of acquisition-related balances(31)(23)(106)(71)Acquisition and integration costs(23)(6)(59)(11)Restructuring and others(6)(12)(60)(31)Income from operations, as reported205Â 365Â 603Â 1,041Â Interest income19Â 29Â 60Â 70Â Interest expense(21)(19)(61)(58)Other income (expense), net10Â 14Â 15Â 28Â Income before taxes, as reported$213Â $389Â $617Â $1,081Â The following table presents segment assets directly managed by each segment:July 31, 2024October 31, 2023CSGEISGTotalCSGEISGTotalÂ (in millions)Segment assets$4,686Â $2,966Â $7,652Â $4,410Â $1,920Â $6,330Â The increase in segment assets for the nine months ended July 31, 2024 primarily represents assets acquired as part of the ESI Group acquisition. See Note 2, â€œAcquisitions,â€ for additional information.The following table reconciles segment assets to our total assets:Â July 31, 2024October 31, 2023Â (in millions)Total reportable segments' assets$7,652Â $6,330Â Cash and cash equivalents1,632Â 2,472Â Long-term investments107Â 81Â Long-term deferred tax assets678Â 671Â Accumulated amortization of other intangibles(1,445)(1,339)Long-term tax receivables 169Â â€”Â Pension and other assets530Â 468Â Total assets$9,323Â $8,683Â Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (Unaudited)The following discussion should be read in conjunction with the condensed consolidated financial statements and notes thereto included elsewhere in this Form 10-Q and our Annual Report on Form 10-K. This report contains forward-looking statements which include but are not limited to predictions, future guidance, projections, beliefs, and expectations about the companyâ€™s trends, seasonality, cyclicality and growth in, and drivers of, the markets we sell into, our strategic direction, earnings from our foreign subsidiaries, remediation activities, new solution and service introductions, the ability of our solutions to meet market needs, changes to our manufacturing processes, the use of contract manufacturers, the impact of government regulations on our ability to conduct operations, our liquidity position, our ability to generate cash from operations, growth in our businesses, our investments, the potential impact of adopting new accounting pronouncements, our financial results, our purchase commitments, our contributions to our pension plans, the selection of discount rates and recognition of any gains or losses for our benefit plans, our cost-control activities, savings and headcount reduction recognized from our restructuring programs and other cost saving initiatives, and other regulatory approvals, the integration of our completed acquisitions and other transactions, and our transition to lower-cost regions. The forward-looking statements involve risks and uncertainties that could cause Keysightâ€™s results to differ materially from managementâ€™s current expectations. Such risks and uncertainties include, but are not limited to, the impact of global economic conditions such as inflation or potential recession, 26Table of Contentsslowing demand for products or services, volatility in financial markets, reduced access to credit, increased interest rates, the existence of political or economic instability, uncertainty relating to national elections and election results in the U.S. and U.K., impacts of geopolitical tension and conflict in regions outside of the U.S., the impacts of increased trade tension and tightening of export control regulations, the impact of new and ongoing litigation, impacts related to endemic and pandemic conditions, impacts related to net zero emissions commitments, and the impact of volatile weather caused by environmental conditions such as climate change. Our actual results could differ materially from the results contemplated by these forward-looking statements due to various factors, including but not limited to those risks and uncertainties discussed in Part II Item 1A and elsewhere in this FormÂ 10-Q.Basis of PresentationThe financial information presented in this FormÂ 10-Q is not audited and is not necessarily indicative of our future consolidated financial position, results of operations or cash flows. Our fiscal year-end is OctoberÂ 31, and our fiscal quarters end on JanuaryÂ 31, AprilÂ 30 and JulyÂ 31. Unless otherwise stated, these dates refer to our fiscal year and fiscal quarter periods.Overview and Executive SummaryKeysight Technologies, Inc. (â€œwe,â€ â€œus,â€ â€œKeysightâ€ or the â€œcompanyâ€), incorporated in Delaware on December 6, 2013, is a global innovator in the computing, communications and electronics market, committed to advancing our customersâ€™ business success by helping them solve critical challenges in the development and commercialization of their products and services. Our mission, â€œaccelerating innovation to connect and secure the world,â€ speaks to the value we provide our customers in a world of ever-increasing technological complexity. We deliver this value through a broad range of design and test solutions that address the critical challenges our customers face in bringing their innovations to market faster.We invest in research and development (â€œR&Dâ€) to align our business with available markets and position the company for growth. Our R&D efforts focus on the development of new software and hardware products, as well as improvements to existing products, and customer solutions aligned to the industries that we serve. We anticipate that we will continue to have significant R&D expenditures in order to maintain our competitive position with a continuous flow of innovative, high-quality software, customer solutions, products and services. We remain committed to investment in R&D and have focused our development efforts on strategic opportunities to capture future growth.Acquisition of ESI Group SAIn the first quarter of fiscal 2024, we acquired all of the outstanding common stock of ESI Group SA (â€œESI Groupâ€) for $935 million, net of cash acquired, using existing cash. For the three and nine months ended July 31, 2024, our acquisition of ESI Group resulted in incremental revenue of $25 million and $119 million, respectively. In our discussion of changes in our results of operations, we have qualitatively disclosed the impact of the ESI Group acquisition. See Note 2, â€œAcquisitions,â€ for additional information.Macroeconomic environmentOur global operations continued to be affected by a challenging macro environment, including high interest rates, currency movements, inflationary pressures, geopolitical tensions and trade restrictions. These factors resulted in lower demand, as our customers are also exercising caution in light of the same environment. Against this backdrop, we remained operationally disciplined by exercising our financial playbook and the structural flexibility in our operating model, while investing to expand our differentiated solutions portfolio and deepening our customer relationships. Consistent with the Keysight Leadership Model, our differentiated first-to-market solutions portfolio, technology leadership, customer relationships, and durable and resilient business model give us confidence in the long-term trajectory of the business and our ability to outperform in a variety of market conditions and deliver consistent long-term value to our customers.For discussion of risks related to potential impacts of macroeconomic headwinds and geopolitical challenges on our operations, business results and financial condition, see Part II Item 1A "Risk Factors.â€Three and nine months ended July 31, 2024 and 2023Total orders for the three and nine months ended July 31, 2024 were $1,249 million and $3,688 million, respectively, which were flat and decreased 5 percent, compared to the same periods last year. Acquisitions had a favorable impact of 3 percentage points and 4 percentage points, respectively, on the year-over-year order change for the three and nine months ended July 31, 2024. Foreign currency movements had an unfavorable impact of 1 percentage point on the year-over-year order change for the three and nine months ended July 31, 2024. For the three months ended July 31, 2024, orders increased in Asia Pacific offset by declines in the Americas and Europe. For the nine months ended July 31, 2024, orders declined across all regions.Revenue for the three and nine months ended July 31, 2024 was $1,217 million and $3,692 million, respectively, a decrease of 12 percent and 11 percent, compared to the same periods last year. Revenue associated with acquisitions had a 27Table of Contentsfavorable impact of 2 percentage points and 3 percentage points, respectively, on the year-over-year revenue change for the three and nine months ended July 31, 2024. Foreign currency movements had an unfavorable impact of 1 percentage point on the year-over-year revenue change for the three and nine months ended July 31, 2024. For the three and nine months ended July 31, 2024, revenue for both the Communications Solutions Group (â€œCSGâ€) and Electronic Industrial Solutions Group (â€œEISGâ€) declined year-over-year. Revenue from CSG and EISG represented 70 percent and 30 percent, respectively, of total revenue for the three months ended July 31, 2024. Revenue from CSG and EISG represented 68 percent and 32 percent, respectively, of total revenue for the nine months ended July 31, 2024.Net income for the three and nine months ended July 31, 2024 was $389 million and $687 million, respectively, compared to $288Â million and $831Â million for the same periods last year. The increase in net income for the three months ended July 31, 2024 was primarily driven by an income tax benefit due to one-time discrete tax items, partially offset by lower revenue, higher acquisition and integration costs and amortization of acquisition-related balances. The decrease in net income for the nine months ended July 31, 2024 was primarily driven by lower revenue, higher acquisition and integration costs, restructuring costs and amortization of acquisition-related balances, partially offset by lower provision for income taxes due to one-time discrete tax items, favorable gross margin impact from the ESI Group acquisition and lower people-related costs.OutlookOur first-to-market solutions strategy enables customers to develop new technologies and accelerate innovation and provides a platform for Keysight's long-term growth.Â Our customers are expected to continue to make R&D investments in certain next-generation technologies and applications, including evolution of 5G, early 6G, high-speed data center networks and infrastructure, satellite networks, Artificial Intelligence (â€œAIâ€), next generation electric vehicles (â€œEVâ€) and autonomous vehicles (â€œAVâ€), industrial internet of things (â€œIoTâ€), and defense modernization. We continue to engage actively with our customers, and closely monitor the current macroeconomic environment, including trade, tariffs, monetary and fiscal policies and geopolitical tensions. Despite the near-term situation, we remain confident in the long-term secular growth trends of our markets and our ability to outperform in a variety of market conditions.Critical Accounting Policies and EstimatesThere were no material changes during the three and nine months ended July 31, 2024 to the critical accounting estimates described in

â€œManagement's Discussion and Analysis of Financial Condition and Results of Operationsâ€ in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023.Adoption of New Accounting PronouncementsSee Note 1, â€œOverview and Summary of Significant Accounting Policies,â€ to the condensed consolidated financial statements for a description of new accounting pronouncements.Currency Exchange Rate ExposureOur revenues, costs and expenses, and monetary assets and liabilities are exposed to changes in foreign currency exchange rates as a result of our global operating and financing activities. We hedge revenues, expenses and balance sheet exposures that are not denominated in the functional currencies of our subsidiaries on a short-term and anticipated basis. The result of the hedging has been included in the condensed consolidated balance sheet and statement of operations. We experience some fluctuations within individual lines of the condensed consolidated balance sheet and condensed consolidated statement of operations because our hedging program is not designed to offset the currency movements in each category of revenues, expenses, monetary assets and liabilities. Our hedging program is designed to hedge short-term currency movements based on a rolling period of up to twelve months. Therefore, we are exposed to currency fluctuations over the longer term. To the extent that we are required to pay for all, or portions, of an acquisition price in foreign currencies, we may enter into foreign exchange contracts to reduce the risk that currency movements will impact the U.S. dollar cost of the transaction.28Table of ContentsResults from Operations - Three and nine months ended July 31, 2024 and 2023A summary of our results is as follows:Â Three Months EndedNine Months EndedYear-over-Year ChangeÂ July 31,July 31,ThreeNineÂ 2024202320242023MonthsMonths(in millions, except margin data)Revenue$1,217Â $1,382Â $3,692Â $4,153Â (12)%(11)%Gross margin62.0Â %64.8Â %63.1Â %64.7Â %(3) ppts(2) pptsResearch and development$226Â $215Â $686Â $664Â 5%3%Percentage of revenue19Â %16Â %19Â %16Â %3 ppts3 pptsSelling, general and administrative$329Â $319Â $1,052Â $994Â 3%6%Percentage of revenue27Â %23Â %28Â %24Â %4 ppts5 pptsOther operating expense (income), net(5)(3)(10)(11)65%(6)%Income from operations$205Â $365Â $603Â $1,041Â (44)%(42)%Operating margin16.8Â %26.4Â %16.3Â %25.1Â %(10) ppts(9) pptsInterest income$19Â $29Â $60Â $70Â (35)%(14)%Interest expense(21)(19)(61)(58)7%5%Other income (expense), net$10Â $14Â $15Â $28Â (23)%(47)%Income before taxes$213Â $389Â $617Â $1,081Â (45)%(43)%Provision (benefit) for income taxes(176)101Â (70)250Â â€”â€”Net income$389Â $288Â $687Â $831Â 35%(17)%RevenueRevenue is recognized upon transfer of control of the promised products or services to customers in an amount that reflects the consideration we expect to receive in exchange for those products or services. Returns are recorded in the period received from the customer and historically have not been material.The following table provides the percent change in revenue for the three and nine months ended July 31, 2024 by geographic region and the impact of foreign currency movements as compared to the same periods last year.Year-over-Year ChangeÂ Three Months EndedNine Months EndedÂ July 31, 2024July 31, 2024Geographic RegionActualCurrency Impact Favorable (Unfavorable)ActualCurrency Impact Favorable (Unfavorable)Americas(10)%â€”%(8)%â€”%Europe(9)%â€”%(3)%1 pptAsia Pacific(15)%(2) ppts(17)%(2) pptsTotal revenue(12)%(1) ppt(11)%(1) pptGross Margin, Operating Margin and Income Before TaxesGross margin for the three months ended July 31, 2024 decreased 3 percentage points compared to the same period last year, primarily driven by lower revenue volume, higher amortization of acquisition-related balances and unfavorable mix, partially offset by lower material and variable people-related costs. Gross margin for the nine months ended July 31, 2024 decreased 2 percentage points compared to the same period last year, primarily driven by lower revenue volume, higher amortization of acquisition-related balances, higher restructuring costs and unfavorable mix, partially offset by lower material costs, favorable gross margin impact from the ESI Group acquisition and lower variable people-related costs.R&D expense for the three and nine months ended July 31, 2024 increased 5 percent and 3 percent compared to the same periods last year, primarily driven by incremental costs from acquired businesses, partially offset by lower variable people-related costs. We continue to prudently prioritize investment in key growth opportunities in our end markets and leading-edge technologies.Selling, general and administrative expense for the three months ended July 31, 2024 increased 3 percent compared to the same period last year, primarily driven by higher acquisition and integration costs, incremental costs from acquired 29Table of Contentsbusinesses, partially offset by lower people-related costs and infrastructure costs, reflecting the impact of our cost flexibility, and efficiency measures. Selling, general and administrative expense for the nine months ended July 31, 2024 increased 6 percent compared to the same period last year, primarily driven by higher acquisition and integration costs, incremental costs from acquired businesses, higher amortization of acquisition-related balances and higher restructuring costs, partially offset by lower people-related and infrastructure costs, reflecting the impact of our cost flexibility, and efficiency measures.Other operating expense (income), net for the three and nine months ended July 31, 2024 was income of $5 million and $10 million, respectively, compared to income of $3 million and $11 million for the same periods last year.Operating margin for the three and nine months ended July 31, 2024 decreased 10 percentage points and 9 percentage points, respectively, compared to the same periods last year, primarily driven by higher selling, general and administrative and R&D expenses on a lower revenue, coupled with gross margin declines.Interest income for the three and nine months ended July 31, 2024 was $19 million and $60 million, respectively, compared to $29 million and $70 million for the same periods last year and primarily relates to interest earned on our cash balances. Interest expense for the three and nine months ended July 31, 2024 was $21 million and $61 million, respectively, compared to $19 million and $58 million for the same periods last year and primarily relates to interest on our senior notes.Other income (expense), net for the three and nine months ended July 31, 2024 was income of $10 million and $15 million, respectively, compared to income of $14 million and $28 million for the same periods last year and primarily includes income related to our defined benefit and post-retirement benefit plans, the change in fair value of our equity and other investments, currency impacts, and income attributable to non-controlling interests. The decrease in other income (expense), net for the three months ended July 31, 2024 is primarily driven by decreased net gains on our equity investments, partially offset by net currency gains. The decrease in other income (expense), net for the nine months ended July 31, 2024 is primarily driven by decreased net gains on our equity investments and higher pension costs driven by higher interest cost on benefit obligation, partially offset by net currency gains.As of July 31, 2024, our headcount was approximately 15,400 compared to approximately 14,800 at July 31, 2023. The increase was primarily driven by acquisitions, partially offset by reductions from our cost efficiency measures.Income Taxes The following table provides income tax details:Three Months EndedNine Months EndedJuly 31,July 31,Â 2024202320242023(in millions, except percentages)Income before taxes$213$389$617$1,081Provision (benefit) for income taxes(176)101(70)250Effective tax rate(81.9)%25.8Â %(11.2)%23.1Â %There was a tax benefit for the three and nine months ended July 31, 2024, as compared to the overall tax expense for the same periods last year, primarily due to one-time discrete tax benefits, as explained below, and a decrease in income before taxes in the current year.The income tax benefit for the three and nine months ended July 31, 2024 included a net discrete benefit of $179 million and $178 million, respectively. The income tax expense for the three and nine months ended July 31, 2023 included a net discrete expense of $19 million and $21 million, respectively.The discrete tax benefit for the three and nine months ended July 31, 2024 includes a $165Â million benefit related to the deduction in the U.S. of intangible assets for purposes of determining income or loss under IRC Â§ 951A(c). On June 14, 2019, the U.S. Department of the Treasury (â€œTreasuryâ€) issued final regulations relating to Global Intangible Low Taxed Income (â€œGILTIâ€) under IRC Â§ 951A (the â€œtax regulationsâ€). The tax regulations contained language which disallowed GILTI tax deductions for intangible asset amortization resulting from the Singapore restructuring completed in 2018. During the quarter, the company concluded, in response to recent U.S. Supreme Court decisions on a number of relevant cases, the evolving global tax landscape and other changes in circumstances, that Treasury exceeded its regulatory authority and the intangible asset amortization should be deductible. The company amended its U.S. federal income tax returns for the open tax years to claim the deduction and recognized the discrete benefit in the condensed consolidated financial statements. The tax receivable resulting from the amended returns is reflected as â€œother assetsâ€ in the condensed consolidated balance sheet. The GILTI tax benefit for the fiscal year 2024 amortization is included in the annual effective tax rate, and the Singapore intangible assets will continue to be amortized for GILTI tax purposes until 2033.30Table of ContentsThe company believes the position meets the more likely than not recognition threshold. The company intends to vigorously defend its position. The outcome cannot be predicted with certainty. If we are ultimately unsuccessful in defending our position, we may be required to reverse the benefit previously recorded.The discrete tax benefit for the three and nine months ended July 31, 2024 also includes a $61 million benefit for the settlement of a Malaysia uncertain tax position. In the fourth quarter of fiscal year 2017, Keysight was assessed and paid income tax and penalties in Malaysia on gains related to the transfer of intellectual property rights. The company disputed this assessment and filed an appeal with the Court of Appeal in Malaysia. The Court of Appealâ€™s decision was rendered in Keysightâ€™s favor on May 24, 2024, and the company received a refund of the income tax and penalties. At the time of the original assessment, the company had recorded a tax reserve for the assessed amount; the tax reserve was released as a result of the Court of Appeal decision.Additionally, the income tax benefit for the three and nine months ended July 31, 2024 is offset by a discrete expense of $35 million due to a change in the potential U.S. benefit associated with the future resolution of non-U.S. tax reserves.Keysight benefits from tax incentives in several jurisdictions, most significantly in Singapore and Malaysia. The tax incentives provide lower rates of taxation on certain classes of income and require thresholds of investments and employment in those jurisdictions. The Malaysia tax incentive expires October 31, 2025. The Singapore tax incentive expired July 31, 2024. The expiration of the Singapore tax incentive in the current year has been reflected in the annual tax forecast. The impact of the tax incentives decreased the income tax provision by $35Â million and $73Â million for the nine months ended July 31, 2024 and 2023, respectively. The decrease in the tax benefit for the nine months ended July 31, 2024 is primarily due to a decrease in earnings taxed at incentive rates and the impact of the expiration of the Singapore tax incentive. The company is pursuing options to renew the Singapore tax incentive with retroactive effect to August 1, 2024.The open tax years for the U.S. federal income tax return and most state income tax returns are from November 1, 2019 through the current tax year. For the majority of our non-U.S. entities, the open tax years are from November 1, 2018 through the current tax year.At this time, management does not believe that the outcome of any future or currently ongoing examination will have a material impact on our consolidated financial statements. We believe that we have an adequate provision for any adjustments that may result from tax examinations. However, the outcome of tax examinations cannot be predicted with certainty. Given the numerous tax years and matters that remain subject to examination in various tax jurisdictions, the ultimate resolution of current and future tax examinations could be inconsistent with managementâ€™s current expectations. If that were to occur, it could have an impact on our effective tax rate in the period in which such examinations are resolved.We do not recognize deferred taxes for temporary differences expected to impact the GILTI tax expense in future years. We recognize the tax expense related to GILTI in each year in which the tax is incurred.We are subject to income taxes in the U.S. and various other countries globally. Changes in tax law, tax rates, or in the composition of earnings in countries with differing tax rates may affect deferred tax assets and liabilities recorded and our future effective tax rate. On August 16, 2022, the U.S. government enacted the Inflation Reduction Act of 2022 that included changes to the U.S. corporate income tax system, including a fifteen percent minimum tax based on â€œadjusted financial statement income,â€ which is effective for Keysight in the current year. Based on the current year forecast, the company does not expect to incur any additional U.S. tax liability from the application of the new minimum tax rules.In addition, the Organization for Economic Cooperation and Development reached agreement among various countries to implement a minimum fifteen percent tax rate on certain multinational enterprises, commonly referred to as Pillar Two. Many countries continue to announce changes in their tax laws and regulations based on the Pillar Two proposals. We are continuing to evaluate the impact of these proposed and enacted legislative changes as new guidance becomes available. Some of these legislative changes could result in double taxation of our non-U.S. earnings, a reduction in the tax benefit received from our tax incentives, or other impacts to our effective tax rate and tax liabilities. Given the numerous proposed tax law changes and the uncertainty regarding such legislative changes, the impact of Pillar Two cannot be determined at this time.Segment OverviewWe have two reportable operating segments, CSG and EISG. The profitability of each of the segments is measured after excluding share-based compensation expense, amortization of acquisition-related balances, acquisition and integration costs, restructuring costs, interest income, interest expense and other items.31Table of ContentsA significant portion of the segments' expenses arise from allocated corporate charges, as well as expenses related to our centralized sales force, and service, marketing and technology functions that are provided to the segments in order to realize economies of scale and to efficiently use resources. Corporate charges include legal, accounting, real estate, insurance services, information technology services, treasury and other corporate infrastructure expenses. Segment allocations are determined on a basis that we consider to be a reasonable reflection of the utilization of services provided to, or benefits received by, the segments. Newly acquired businesses are not allocated these charges until integrated into our shared services and corporate infrastructure.Communications Solutions Group (â€œCSGâ€)The CSG serves customers spanning the global commercial communications and aerospace, defense, and government end markets. The groupâ€™s solutions consist of electronic design and test software, instrumentation, systems, and related services. These solutions are used in the simulation, design, validation, manufacturing, installation, and optimization of communication systems in wireless, wireline, enterprise, and aerospace, defense and government end markets. In addition, the group provides automated software test solutions to automatically identify, build, and execute tests critical to digital business success and a strong customer experience.RevenueThree Months EndedNine Months EndedYear-Â over-YearJuly 31,July 31,Change2024202320242023Three MonthsNine Months(in millions)Total revenue$847Â $918Â $2,526Â $2,794Â (8)%(10)%The CSG revenue for the three and nine months ended July 31, 2024 decreased 8 percent and 10 percent, respectively, compared to the same periods last year. Revenues associated with acquisitions had a favorable impact of 1 percentage point on the year-over-year revenue change for the three and nine months ended July 31, 2024. Foreign currency movements had an unfavorable impact of 1 percentage point on the year-over-year revenue change for the three and nine months ended July 31, 2024. Revenue declined across all regions and in both the commercial communications and the aerospace, defense, and government end markets for the three and nine months ended July 31, 2024. The decline was driven primarily by overall lower investments and a strong compare to last year, which benefited from robust backlog conversion. Our customers continued to make R&D investments in next-generation technologies and applications, including AI-driven data center expansion, ongoing 5G standards development and deployment, 400G/800G/terabit Ethernet, development of new communications technologies (e.g., 6G, Open Radio Access Networks, commercial non-terrestrial networks, quantum), high-speed networking and major defense and

government programs worldwide.The commercial communications end market revenue for the three and nine months ended July 31, 2024 decreased 6 percent and 10 percent, respectively, year-over-year and represented 68 percent and 66 percent of total Communications Solutions Group revenue. For the three months ended July 31, 2024, revenue declined in Europe and the Americas, partially offset by an increase in Asia Pacific. For the nine months ended July 31, 2024, revenue declined across all regions. For the three and nine months ended July 31, 2024, the revenue decline was primarily driven by continued weakness in the wireless communications ecosystem, particularly smartphones, partially offset by higher investments in AI Workload Emulation tools and infrastructure solutions. We continued to see investments in high-speed networks due to increasing need for AI capabilities in the data center infrastructure ecosystem, which is driving demand for our 400G/800G/terabit Ethernet solutions, both in R&D and manufacturing.The aerospace, defense, and government end market revenue for the three and nine months ended July 31, 2024, decreased 10 percent and 9 percent, respectively, year-over-year and represented 32 percent and 34 percent of total Communications Solutions Group revenue. For the three and nine months ended July 31, 2024, revenue declined in Asia Pacific and the Americas, partially offset by an increase in Europe. We continue to see investments in radar and spectrum operations, space and satellite solutions and signal monitoring.32Table of ContentsGross Margin and Operating MarginThree Months EndedNine Months EndedYear-Â over-YearJuly 31,July 31,Change2024202320242023Three MonthsNine Months(in millions, except margin data)Gross margin67.0Â %67.6Â %67.8Â %67.7Â %(1) pptâ€”Research and development$154$150$461$4652%(1)%Selling, general and administrative$194$197$587$624(1)%(6)%Other operating expense (income), net(3)(2)(8)(8)20%(5)%Income from operations$223$276$672$811(19)%(17)%Operating margin26.3Â %30.0Â %26.6Â %29.0Â %(4) ppts(2) pptsGross margin for the three months ended July 31, 2024 decreased 1 percentage point compared to same period last year, primarily driven by lower revenue volume and unfavorable mix, partially offset by lower material and variable people-related costs. Gross margin for nine months ended July 31, 2024 was flat as compared to the same period last year as lower material and variable people-related costs were offset by lower revenue volume and unfavorable mix.R&D expense for the three months ended July 31, 2024 increased 2 percent compared to the same period last year, primarily driven by incremental costs of acquired businesses, partially offset by lower variable people-related costs. R&D expense for the nine months ended July 31, 2024 decreased 1 percent compared to the same period last year, primarily driven by lower variable people-related costs, partially offset by incremental costs of acquired businesses. We continue to prudently prioritize investment in key growth opportunities in our end markets and leading-edge technologies.Selling, general and administrative expense for the three and nine months ended July 31, 2024 decreased 1 percent and 6 percent, respectively, compared to the same periods last year, primarily driven by lower people-related and infrastructure costs, partially offset by incremental costs of acquired businesses, reflecting the impact of our cost flexibility, and efficiency measures.Other operating expense (income), net for the three months ended July 31, 2024 and 2023 was income of $3 million and $2 million, respectively. Other operating expense (income), net for the nine months ended July 31, 2024 and 2023 was income of $8 million.Operating margin for the three months ended July 31, 2024 decreased 4 percentage points compared to the same period last year, primarily driven by higher R&D and selling, general and administrative expenses on a lower revenue, coupled with gross margin declines. Operating margin for the nine months ended July 31, 2024 decreased 2 percentage points compared to the same period last year, primarily driven by higher R&D and selling, general and administrative expenses as a percentage of sales.Electronic Industrial Solutions Group (â€œEISGâ€)The EISG serves customers across a diverse set of end markets focused on automotive and energy, semiconductor solutions, and general electronics. The group's solutions consist of electronic design, test and simulation software, instrumentation, systems, and related services. These solutions are used in the simulation, design, validation, manufacturing, installation, and optimization of electronic equipment. In addition, the group provides automated software test solutions to automatically identify, build, and execute tests critical to digital business success and a strong customer experience. Our recent acquisition of ESI Group expands our application layer portfolio with simulation capabilities in automotive and general electronics sectors.33Table of ContentsRevenueThree Months EndedNine Months EndedYear-over-YearJuly 31,July 31,Change2024202320242023Three MonthsNine Months(in millions)Total revenue$370Â $464Â $1,166Â $1,359Â (20)%(14)%The EISG revenue for the three and nine months ended July 31, 2024 decreased 20 percent and 14 percent, respectively, compared to the same periods last year. Revenues associated with acquisitions had a favorable impact of 5 percentage points and 8 percentage points, respectively, on the year-over-year revenue change for the three and nine months ended July 31, 2024. Foreign currency movements had an unfavorable impact of 1 percentage point on the year-over-year revenue change for the three and nine months ended July 31, 2024. For the three months ended July 31, 2024, revenue declined across all regions. For the nine months ended July 31, 2024, revenue declined in Asia Pacific and the Americas, partially offset by an increase in Europe. For the three and nine months ended July 31, 2024, revenue declined across all markets.The decline in revenue reflects the normalization in demand as macroeconomic challenges, such as inflation and high interest rates, continued to slow some investments, primarily in the manufacturing sector. Despite delays in near-term spending, customer engagement remains high as they continued to invest in key long-term strategic initiatives, such as next-generation EV and AV, industrial IoT, digital health, and advanced semiconductor technologies.Gross Margin and Operating MarginThree Months EndedNine Months EndedYear-over-YearJuly 31,July 31,Change2024202320242023Three MonthsNine Months(in millions, except margin data)Gross margin57.5Â %62.5Â %60.4Â %62.3Â %(5) ppts(2) pptsResearch and development$62$57$186$16710%11%Selling, general and administrative$79$77$246$2282%8%Other operating expense (income), net(3)(1)(3)(3)170%(14)%Income from operations$74$157$274$454(53)%(40)%Operating margin20.1Â %33.9Â %23.5Â %33.4Â %(14) ppts(10) pptsGross margin for the three and nine months ended July 31, 2024 decreased 5 percentage points and 2 percentage points, respectively, as compared to the same periods last year, primarily driven by lower revenue volume and unfavorable mix, partially offset by favorable gross margin impact from the ESI Group acquisition and lower variable people-related costs. R&D expense for the three and nine months ended July 31, 2024 increased 10 percent and 11 percent, respectively, compared to the same periods last year, primarily driven by incremental costs from acquired businesses, partially offset by lower variable people-related costs. We continue to prudently prioritize investment in key growth opportunities in our end markets and leading-edge technologies.Selling, general and administrative expense for the three and nine months ended July 31, 2024 increased 2 percent and 8 percent, respectively, compared to the same periods last year, primarily driven by incremental costs from acquired businesses, partially offset by lower people-related and infrastructure costs, reflecting the impact of our cost flexibility, and efficiency measures. Other operating expense (income), net for the three months ended July 31, 2024 and 2023 was income of $3 million and $1 million, respectively. Other operating expense (income), net for the nine months ended July 31, 2024 and 2023 was income of $3 million.Operating margin for the three and nine months ended July 31, 2024 decreased 14 percentage points and 10 percentage points, respectively, compared to the same period last year, primarily driven by higher selling, general and administrative expense and R&D expense on a lower revenue, coupled with gross margin declines. 34Table of ContentsFinancial ConditionLiquidity and Capital ResourcesOur liquidity is affected by many factors, including normal ongoing operations of our business and fluctuations due to global economics and markets. Our cash balances are generated and held in many locations throughout the world. Under certain circumstances, U.S. and local government regulations may limit our ability to move cash balances to meet cash needs.Overview of Cash FlowsOur key cash flow activities were as follows:Nine Months EndedJuly 31,Â 20242023Â (inÂ millions)Net cash provided by operating activities$693Â $1,030Â Net cash used in investing activities(781)(250)Net cash used in financing activities(753)(259)Operating ActivitiesCash flows from operating activities can fluctuate significantly from period to period due to working capital needs, the timing of payments for income taxes, variable pay, pension funding, and other items that impact reported cash flows.Net cash provided by operating activities decreased $337 million during the nine months ended July 31, 2024 compared to the same period last year.â€¢Net income for the nine months ended July 31, 2024 decreased $144 million compared to the same period last year. Non-cash adjustments to net income were $25 million higher, primarily due to a $40 million increase in amortization and depreciation, a $9 million decrease in unrealized gains on equity and other investments, and a $7 million increase in excess and obsolete inventory-related charges, partially offset by a $31 million increase in deferred tax benefit. Net income for the nine months ended July 31, 2024 includes a $61 million benefit for the settlement of a Malaysia uncertain tax position. See Note 5, â€œIncome Taxes,â€ for additional information.â€¢The aggregate of accounts receivable, inventory and accounts payable provided net cash of $75 million during the first nine months of fiscal 2024 compared to net cash used of $148 million in the same period last year, primarily due to timing of collections relative to revenue, a lower increase in inventory and lower payments. The amount of cash flow generated from or used by the aggregate of accounts receivable, inventory and accounts payable depends upon the cash conversion cycle, which represents the number of days that elapse from the day we pay for the purchase of raw materials and components to the collection of cash from our customers and can be significantly impacted by the timing of shipments and purchases, as well as collections and payments in a period.â€¢For the nine months ended July 31, 2024, we recorded a discrete tax benefit of $165 million related to the U.S. intangible asset amortization deduction for purposes of determining income or loss under IRC Â§ 951A(c) and amended our U.S. federal income tax returns for the open tax years to claim the deduction and recognized a long-term tax receivable in the condensed consolidated balance sheet. See Note 5, â€œIncome Taxes,â€ for additional information.â€¢For the nine months ended July 31, 2023, we terminated forward-starting interest rate swap agreements resulting in proceeds of $107 million. See Note 9, â€œDerivatives,â€ for additional information.â€¢Other movements in assets and liabilities used net cash of $217 million during the first nine months of fiscal 2024 compared to net cash used of $48 million in the same period last year, primarily driven by lower cash from deferred revenue, payments on settlement of foreign exchange forward contracts associated with the ESI Group acquisition, lower income and other tax accruals, net of payments, and changes in other assets and liabilities.Investing ActivitiesOur investing activities primarily include investments in property, plant and equipment and acquisitions of businesses to support our strategy and growth.Net cash used in investing activities increased $531 million during the nine months ended July 31, 2024 compared to the same period last year. For the nine months ended July 31, 2024, we used $673 million, net of cash acquired for payments towards acquisitions, including $477 million, net of $35 million cash acquired, for the acquisition of the controlling block of ESI Group shares. See Note 2, â€œAcquisitions,â€ for additional information. For the nine months ended July 31, 2023, we used $85 million, net of cash acquired, to acquire Cliosoft. Excluding payments for acquisitions, net cash used for investing activities 35Table of Contentsdecreased $57 million, driven by $42 million lower investments in property, plant and equipment, and $15 million from other net investing activities.Financing ActivitiesOur financing activities primarily include proceeds from issuance of common stock under employee stock plans, tax payments related to net share settlement of equity awards, issuances and repayment of debt and related costs, treasury stock repurchases, and transactions with non-controlling interests in partially-owned consolidated subsidiaries.Net cash used in financing activities increased $494 million during the nine months ended July 31, 2024 compared to the same period last year, primarily due to $458 million used for the acquisition of the non-controlling interest in ESI Group, $24 million used for repayment of debt assumed as part of the ESI Group acquisition, $13 million higher treasury stock repurchases, $7 million used for payment of bridge loan facility fees, and $10 million used for other financing activities, partially offset by $18 million lower tax payments related to net share settlement of equity awards.Treasury Stock RepurchasesOn March 6, 2023, our board of directors approved a stock repurchase program authorizing the purchase of up to $1,500 million of the companyâ€™s common stock, of which $635 million remained as of July 31, 2024. The stock repurchase program may be commenced, suspended or discontinued at any time at the companyâ€™s discretion and does not have an expiration date. See â€œIssuer Purchases of Equity Securitiesâ€ under Part II Item 2 for additional information.DebtÂ July 31, 2024October 31, 2023Â (inÂ millions)Total debt (par value)$1,800Â $1,800Â Revolving Credit Facility$750Â $750Â Revolving Credit FacilityOn July 30, 2021, we entered into an amended and restated credit agreement (the â€œRevolving Credit Facilityâ€), which provides a $750Â million five-year unsecured revolving credit facility that expires on July 30, 2026 with an annual interest rate of LIBOR + 1 percent along with a facility fee of 0.125 percent per annum. On February 17, 2023, we entered into the first amendment to the Revolving Credit Facility to change the annual interest rate from LIBOR + 1 percent to SOFR + 1.1 percent. In addition, the Revolving Credit Facility permits the company, subject to certain customary conditions, on one or more occasions to request to increase the total commitments under the Revolving Credit Facility by up to $250Â million in the aggregate. We may use amounts borrowed under the Revolving Credit Facility for general corporate purposes. As of July 31, 2024 and October 31, 2023, we had no borrowings outstanding under the Revolving Credit Facility. We were in compliance with the covenants of the Revolving Credit Facility during the nine months ended July 31, 2024.Bridge FacilityOn MarchÂ 28, 2024, we entered into a bridge credit agreement (the â€œBridge Facilityâ€) pursuant to which certain lenders agreed to provide a senior unsecured 364-day bridge credit facility of up to 1,350Â million pounds sterling for the purpose of providing the financing to support a planned acquisition. On July 25, 2024, the Bridge Facility was decreased to 1,232Â million pounds sterling. We incurred costs in connection with the Bridge Facility of $7Â million that are included in â€œother current assetsâ€ in the condensed consolidated balance sheet and are being amortized to interest expense over the term of the Bridge Facility.ESI Group debt and credit facility assumedAs part of the ESI Group acquisition, we assumed debt of $24Â million, of which $10Â million was payable within one year. The debt included a syndicated loan of $11Â million payable through yearly installments until April 2025 with an annual interest rate of EURIBOR + 2 to 2.5 percent. We also assumed various fixed interest rate state-guaranteed loans and other bank borrowings of $13Â million. During the nine months ended July 31, 2024, we repaid the debt assumed as part of the acquisition.As part of the ESI Group acquisition, we assumed a revolving credit facility of 10 million euros that was subsequently terminated in April 2024.See Note 10, â€œDebt,â€ for additional information. 36Table of ContentsCash and cash requirementsCashÂ July 31, 2024October 31, 2023Â (inÂ millions)Cash, cash equivalents and restricted cash$1,649Â $2,488Â U.S.$686Â $362Â Non U.S.$963Â $2,126Â Our cash and cash equivalents mainly consist of investments in institutional money market funds, short-term deposits held at major global financial institutions and similar short duration instruments with original maturities of 90 days or less. We continuously monitor the creditworthiness of the financial institutions and money market fund asset managers with whom we invest our funds. We utilize a variety of funding strategies in an effort to ensure that our worldwide cash is available in the locations in which it is needed. Most significant international locations have access to internal funding through an offshore cash pool for working capital needs. In addition, a few locations that are unable to access internal funding have access to temporary local overdraft and short-term

working capital lines of credit.Cash requirementsWe have cash requirements to support working capital needs, capital expenditures, business acquisitions, contractual obligations, commitments, principal and interest payments on debt, and other liquidity requirements associated with our operations. We generally intend to use available cash and funds generated from our operations to meet these cash requirements. In the event that additional liquidity is required, we may also borrow under our revolving credit facility.On March 28, 2024, we announced our intention to acquire the entire share capital of Spirent Communications PLC (â€œSpirentâ€) for cash consideration of 199 pence per Spirent share, which reflects a valuation of $1,463 million on a fully diluted basis. Spirent shareholders will also be entitled to receive a special dividend of 2.5 pence per Spirent share, in lieu of any final dividend for the year ended December 31, 2023 (together with the cash consideration of 199 pence per share). The acquisition is expected to be completed during the first half of fiscal year 2025, pending regulatory clearances.There were no other material changes to the cash requirements from our Annual Report on Form 10-K for the fiscal year ended October 31, 2023.Cash requirements related to tax liabilities include uncertain tax positions, which increased by $29Â million from our Annual Report on Form 10-K for the fiscal year ended October 31, 2023 due to current year increases in reserves. Additionally, with regard to the U.S. transition tax liability, $18Â million moved from amounts due later than one year to amounts due within one year. We believe that we have an adequate provision for any adjustments that may result from tax examinations. However, the outcome of tax examinations cannot be predicted with certainty. Given the numerous tax years and matters that remain subject to examination in various tax jurisdictions, the ultimate resolution of current and future tax examinations could be inconsistent with managementâ€™s current expectations.For the remainder of fiscal 2024, we do not expect to contribute to our U.S. defined benefit plan and U.S. post-retirement benefit plan, and expect to contribute $2Â million to our non-U.S. defined benefit plans. The amounts we contribute depend upon, among other things, legal requirements, underlying asset returns, the planâ€™s funded status, the anticipated tax deductibility of the contribution, local practices, market conditions, interest rates and other factors. See Note 11, â€œRetirement Plans and Post-Retirement Benefit Plans,â€ for additional information.We expect capital spending to be approximately $150Â million in 2024, primarily for investments in capacity expansion and technology investments.As of July 31, 2024, we believe our cash and cash equivalents, cash generated from operations, and our ability to access capital markets and credit lines will satisfy our cash needs for the foreseeable future both globally and domestically.Item 3. Quantitative and Qualitative Disclosures about Market RiskQuantitative and qualitative disclosures about market risk appear in â€œItem 7A. Quantitative and Qualitative Disclosures About Market Riskâ€ in Part II of our Annual Report on Form 10-K for the fiscal year ended October 31, 2023. There were no material changes during the nine months ended July 31, 2024 to this information reported in our 2023 Annual Report on Form 10-K.37Table of ContentsItem 4. Controls and ProceduresEvaluation of Disclosure Controls and ProceduresUnder the supervision and with the participation of our management, including the Chief Executive Officer and Chief Financial Officer, we have evaluated the effectiveness of our disclosure controls and procedures as required by Exchange Act RuleÂ 13a-15(b)Â asÂ of the end of the period covered by this report. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that these disclosure controls and procedures are effective.Changes in Internal Control over Financial ReportingThere were no changes in our internal control over financial reporting during the third quarter of fiscal 2024 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.PART II. OTHER INFORMATIONItem 1. Legal ProceedingsOn August 3, 2021, we entered into a Consent Agreement with the Directorate of Defense Trade Controls, Bureau of Political-Military Affairs, Department of State (â€œDTCCâ€) to resolve alleged violations of the Arms Export Control Act and the International Traffic in Arms Regulations (â€œITARâ€). Pursuant to the Consent Agreement, we were assessed a penalty of $6.6Â million to be paid over three years, $2.5Â million of which was suspended and designated for remediation activities over three years, including employment of a special compliance officer. The suspended portion of the penalty was satisfied by amounts spent on qualifying compliance activities. On April 23, 2024, we made the final payment on the penalty, bringing the total amount paid to $4.1 million. On May 3, 2024, we submitted a certification letter to the DTCC certifying that Keysight had implemented all aspects of the Consent Agreement and that Keysightâ€™s compliance program is adequate to identify, prevent, detect, correct, and report violations of the ITAR. On May 22, 2024, the DTCC closed the Consent Agreement based on this certification and their conclusion that Keysight had fulfilled the terms of the Consent Agreement.On January 1, 2022, Centripetal Networks filed a lawsuit in Federal District Court in Virginia, alleging that certain Keysight products infringe certain of Centripetalâ€™s patents. In addition, in February 2022 Centripetal filed complaints in Germany alleging infringement of certain of Centripetalâ€™s German patents, and in April 2022 Centripetal filed a complaint with the International Trade Commission (â€œITCâ€) requesting that they investigate whether Keysight violated Section 337 of the Tariff Act (â€œSection 337â€) and should be enjoined from importing certain products that are manufactured outside of the U.S. and which are alleged to infringe Centripetal patents. On December 5, 2023, the ITC issued its Notice of Determination that Keysight did not unfairly import products in violation of Section 337 and the investigation was terminated. Centripetal has appealed this determination. On August 21, 2024, Keysight was served in Germany with a complaint filed in the Unified Patent Court alleging that certain Keysight products sold in Germany, France, Italy and the Netherlands infringe a European Centripetal patent. We deny the allegations and are aggressively defending each case.Although there are no matters pending that we currently believe are probable and reasonably possible of having a material impact to our business, consolidated financial position, or results of operations or cash flows, the outcome of litigation is inherently uncertain and is difficult to predict. An adverse outcome in any outstanding lawsuit or proceeding could result in significant monetary damages or injunctive relief. If adverse results are above managementâ€™s expectations or are unforeseen, management may not have accrued for the liability, which could impact our results in future periods. We are also involved in lawsuits, claims, investigations and other proceedings, including, but not limited to, patent, commercial and environmental matters, which arise in the ordinary course of business.Item 1A.Â Risk FactorsRisks, Uncertainties and Other Factors That May Affect Future ResultsRisks Related to Our BusinessUncertainty in general economic conditions may adversely affect our operating results and financial condition.Our business is sensitive to negative changes in general economic conditions, both inside and outside the United States. Global and regional economic uncertainty, inflation, potential recession or depression has and may continue to impact our business, resulting in:â€¢increased cost to manufacture products or deliver solutions;â€¢reduced customer purchasing power;38Table of Contentsâ€¢reduced demand for our solutions and services and reduced, delayed or canceled orders; â€¢increased risk of excess and obsolete inventory; â€¢increased price pressure on our solutions and services; and â€¢greater risk of impairment to the value, and a detriment to the liquidity, of our future investment portfolio.In addition, global and regional macroeconomic developments, such as increased unemployment, decreased income, uncertainty related to future economic activity, volatility in financial markets, reduced access to credit, increased interest rates, volatility in capital markets, decreased liquidity, uncertain or destabilizing national elections and reactions to national election results or political violence and unrest in the U.S., the U.K., Europe, and Asia, and negative changes or volatility in general economic conditions in the U.S., Europe, and Asia could negatively affect our ability to conduct business in those territories. Financial difficulties experienced by our suppliers and customers, including distributors, due to economic volatility or negative changes could result in product delays, reduced purchasing power, delays in payment or inability to pay us, and inventory issues. Economic risks related to accounts receivable could result in delays in collection and greater bad debt expense.Economic, political, and other risks associated with international sales and operations could adversely affect our results of operations.Because we operate our businesses and sell our solutions worldwide, our business is subject to risks associated with doing business internationally. We anticipate that revenue from international operations will continue to represent a majority of our total revenue. However, there can be no assurances that our international sales will continue at existing levels or grow in accordance with our effort to increase foreign market penetration. In addition, many of our employees, contract manufacturers, suppliers and manufacturing facilities are located outside the United States. Accordingly, our future results could be harmed by a variety of factors, including, but not limited to:â€¢inability to conduct business in certain countries or regions or with certain customers due to U.S. sanctions or trade restrictions;â€¢inability to sell certain products, technologies, or services to countries, regions, facilities, or customers due to U.S. sanctions or trade restrictions;â€¢changes in a specific country's or region's political, economic or other conditions, including but not limited to changes that favor national interests and economic volatility;â€¢negative consequences from changes in tax laws;â€¢difficulty in protecting intellectual property;â€¢injunctions or exclusion orders related to intellectual property disputes;â€¢interruptions to transportation flows for delivery of parts to us and finished goods to our customers;â€¢changes in foreign currency exchange rates;â€¢difficulty in staffing and managing foreign operations;â€¢local competition;â€¢differing labor regulations;â€¢unexpected changes in regulatory requirements;â€¢conflicting regulatory requirements within the jurisdictions in which we operate;â€¢inadequate local infrastructure; â€¢negative impact of economic and political measures taken by a country to contain the spread of global pandemic conditions;â€¢potential incidences of corruption and fraudulent business practices; andâ€¢volatile geopolitical turmoil, including popular uprisings, regional conflicts, terrorism, and war.39Table of ContentsWe centralize most of our accounting processes at two locations: India and Malaysia. If conditions change in those countries, it may adversely affect operations, including impairing our ability to pay our suppliers. Our results of operations, as well as our liquidity, may be adversely affected and possible delays may occur in reporting financial results.Further, even if we are able to successfully manage the risks of international operations, our business may be adversely affected if our business partners are not able to successfully manage similar risks.Economic and political policies favoring national interests could adversely affect our results of operations.Nationalistic economic policies and political trends such as opposition to globalization and free trade, sanctions or trade restrictions, including those on advanced computing and semiconductor manufacturing, withdrawal from or re-negotiation of global trade agreements, tax policies that favor domestic industries and interests, and other similar actions may result in conflicting local or regional requirements, increased transaction costs, reduced ability to hire employees, reduced access to supplies and materials, reduced demand or access to customers, and inability to conduct our operations as they have been conducted historically. Each of these factors may adversely affect our business.International trade disputes and increased tariffs between the United States and the United Kingdom, the European Union, Singapore, Malaysia and China, among other countries could substantially change our expectations and ability to operate in such jurisdictions as we have done historically. Many of our suppliers, vendors, customers, partners, and other entities with whom we do business have strong ties to doing business in China. Their ability to supply materials to us, buy products or services from us, or otherwise work with us is affected by their ability to do business in China. If the U.S.â€™s relationship with China results in additional trade disputes, trade protection measures, retaliatory actions, tariffs and increased barriers, policies that favor domestic industries, or increased import or export licensing requirements or restrictions, then our deployment of resources in jurisdictions affected by such measures could be misaligned and our operations may be adversely affected due to such changes in the economic and political ecosystem in which our suppliers, vendors, customers, partners, and other entities with whom we do business operate.Volatile geopolitical turmoil, including popular uprisings, regional conflicts, terrorism and war could result in market instability, which could negatively impact our business results.We are a global company with international operations, and we sell our products and solutions in countries throughout the world. Regional conflicts, including the Russian invasion of Ukraine, which resulted in economic sanctions and the decision to discontinue our operations in Russia, the war between Israel and Hamas, and the risk of increased tensions between China and Taiwan, could limit or prohibit our ability to transfer certain technologies, to sell our products and solutions, and could result in additional closure of facilities in sanctioned countries. In addition, international conflict has resulted in increased pressure on the supply chain and could further result in increased energy costs, which could increase the cost of manufacturing, selling and delivering products and solutions; inflation, which has resulted in increases in the cost of manufacturing products and solutions, reduced customer purchasing power, increased price pressure, and reduced or cancelled orders; increased risk of cybersecurity attacks; and market instability, which could adversely impact our financial results.Our operating results and financial condition could be harmed if the markets into which we sell our solutions decline or do not grow as anticipated.Visibility into our markets is limited. Our quarterly sales and operating results are highly dependent on the volume and timing of technology-related spending and orders received during the fiscal quarter, which are difficult to forecast and may be cancelled by our customers. In addition, our revenues and earnings forecasts for future fiscal quarters are often based on the expected seasonality or cyclicality of our markets. However, due to the uncertainties and volatile economic environment created by inflation, the potential for recession, increased geopolitical tensions, including regional conflict and war, the markets we serve may experience increased volatility and may not experience the seasonality or cyclicality that we expect. Our customersâ€™ markets may also be affected by changes in the legal regulatory regime. Any decline in our customersâ€™ markets would likely result in a reduction in demand for our solutions and services. If our customersâ€™ markets decline, orders may decline, may be delayed or cancelled, and we may not be able to collect on outstanding amounts due to us. Such declines could harm our financial position, results of operations, cash flows and stock price, and could limit our profitability. In such an environment, pricing pressures could intensify. Since a significant portion of our operating expenses is relatively fixed in nature due to sales, R&D and manufacturing costs, if we were unable to respond quickly enough, these pricing pressures could further reduce our operating margins.A decreased demand for our customersâ€™ products or trade restrictions could adversely affect our results of operations.Our business depends on our customersâ€™ ability to manufacture, design, and sell their products in the marketplace. International trade disputes affecting our customers could adversely affect our business. Tariffs on imports to or from China could increase the cost of our customersâ€™ components and raw materials, which could make our customersâ€™ products and services more expensive and could reduce demand for our customersâ€™ products. Protectionist and retaliatory trade measures by 40Table of Contentseither China or the United States could limit our customersâ€™ ability to sell their products and services and could reduce demand for our customersâ€™ products. Our customers and other entities in our customer chain could decide to take actions in response to international trade disputes that we could not foresee. A decrease in demand or significant change in operations from our customers due to international trade disputes could adversely affect our operating results and financial condition.In addition to the above, our customers and suppliers have become subject to U.S. export restrictions and sanctions, such as being added to the U.S. Department of Commerceâ€™s â€œLists of Parties of Concernâ€ and having U.S. export privileges denied or suspended. When a customer or supplier of ours becomes subject to such sanctions, we suspend our business with such customer or supplier. Because of

the continued tense political and economic relationship between the U.S. and China and between the U.S. and Russia, new restrictions or sanctions have been imposed with little notice, which could leave us without an adequate alternative solution to compensate for our inability to continue to do business with such customer or supplier. Some of our suppliers and customers in the supply chain are working on unique solutions and products in the market, and it may be difficult if not impossible to replace them, especially with short notice. We cannot predict what impact future sanctions could have on our customers or suppliers, and therefore, our business. Any export restrictions or sanctions and any tariffs or other trade restriction imposed on our customers or suppliers could adversely affect our financial condition and business.Failure to introduce successful new solutions and services in a timely manner to address increased competition, rapid technological changes, and changing industry standards could result in our solutions and services becoming obsolete.We generally sell our solutions in industries that are characterized by increased competition through frequent new solution and service introductions, rapid technological changes and innovations (such as artificial intelligence and machine learning) and changing industry standards. In addition, many of the markets in which we operate are seasonal and cyclical. Without the timely introduction of new solutions, services and enhancements, our solutions and services will become technologically obsolete over time, in which case our revenue and operating results would suffer. Our ability to offer new solutions and services and to deploy them in a timely manner depend on several factors, including, but not limited to, our ability to:â€¢properly identify and assess customer needs; â€¢innovate and develop new technologies, services and applications; â€¢successfully commercialize new technologies in a timely manner;â€¢manufacture and deliver our solutions in sufficient volumes and on time;â€¢differentiate our offerings from our competitors' offerings;â€¢price our solutions competitively;â€¢anticipate our competitors' development of new solutions, services or technological innovations; andâ€¢control product quality in our manufacturing process.Our future operating results may fluctuate significantly if our investments in innovative technologies are not as profitable as we anticipate.On a regular basis, we review the existing technologies available in the market and identify strategic new technologies to develop and invest in. We are currently devoting significant resources to new technologies in the communications, aerospace and defense, automotive, Internet of Things, and mobile industries. We are investing in R&D, developing relationships with customers and suppliers, and directing our corporate and operational resources to grow within these innovative technologies. Our income could be harmed if we fail to expand our customer base, if demand for our solutions is lower than we expect, or if our income related to the innovative technologies is lower than we anticipate. We provide solutions for the design, development, and manufacturing stages of our customersâ€™ workflow. Our customers who currently use our solutions in one stage of their workflow may not use our solutions in other aspects of their manufacturing process.Failure to adjust our purchases due to changing market conditions or failure to estimate our customersâ€™ demand could adversely affect our income.Our income could be harmed if we are unable to adjust our purchases to address market fluctuations, including those caused by volatile global economic conditions, geopolitical conflict, or the seasonal or cyclical nature of the markets in which we operate. The sale of our solutions and services are dependent, to a large degree, on customers whose industries are subject to seasonal or cyclical trends in the demand for their products. For example, the consumer electronics market is particularly volatile, making demand difficult to anticipate. Making such estimations in an economic climate affected by inflation or potential recession, fluctuations in global currency, geopolitical tension and war is particularly difficult as increased volatility 41Table of Contentsmay impact seasonal trends making it more difficult to anticipate demand fluctuations. Supply chain fluctuations could impact our ability to purchase parts and components. Some parts require custom design and may not be readily available from alternate suppliers due to their unique design or the length of time necessary for design work. Should a supplier cease manufacturing such a component, we would be forced to re-engineer our solution. In addition to discontinuing parts, suppliers may also extend lead times, limit supplies or increase prices due to capacity constraints or other factors. In order to secure components for the production of products, we may continue to enter into non-cancellable purchase commitments with vendors, or at times make advance payments to suppliers, which could impact our ability to adjust our inventory to declining market demands. Prior commitments of this type have resulted in an excess of parts when demand for electronic products has decreased. If demand for our solutions is less than we expect, we may experience additional excess and obsolete inventories and be forced to incur additional charges.Dependence on contract manufacturing and outsourcing other portions of our supply chain may adversely affect our ability to bring solutions to market and damage our reputation. Dependence on outsourced information technology and other administrative functions may impair our ability to operate effectively.As part of our efforts to streamline operations and to cut costs, we outsource aspects of our manufacturing processes and other functions and continue to evaluate additional outsourcing. If our contract manufacturers or other outsourcers fail to perform their obligations in a timely manner or at satisfactory quality levels, our ability to bring solutions to market and our reputation could suffer. For example, during a market upturn, our contract manufacturers may be unable to meet our demand requirements, which may preclude us from fulfilling our customersâ€™ orders on a timely basis. The ability of these manufacturers to perform is largely outside of our control. Additionally, changing or replacing our contract manufacturers or other outsourced vendors could cause disruptions or delays. In addition, we outsource significant portions of our information technology (â€œITâ€) and other administrative functions. Since IT is critical to our operations, any failure of our IT providers to perform could impair our ability to operate effectively. In addition to the risks outlined above, problems with manufacturing or IT outsourcing could result in lower revenues and unrealized efficiencies and could impact our results of operations and stock price. Much of our outsourcing takes place in developing countries and, as a result, may be subject to geopolitical uncertainty.Our operating results may suffer if our manufacturing capacity does not match the demand for our solutions.Because we cannot immediately adapt our production capacity and related cost structures to rapidly changing market conditions, when demand is lower than our expectations, our manufacturing capacity will likely exceed our production requirements. During a general market upturn or an upturn in our business, if we cannot increase our manufacturing capacity to meet product demand, we will not be able to fulfill orders in a timely manner, which could lead to order cancellations, contract breaches or indemnification obligations. This inability could materially and adversely limit our ability to improve our income, margin and operating results. By contrast, if, during an economic downturn, we had excess manufacturing capacity, then our fixed costs associated with excess manufacturing capacity would adversely affect our income, margins and operating results. Key customers or large orders may expose us to additional business and legal risks that could have a material adverse impact on our operating results and financial condition.As a global company, we have key customers all over the world, although no one customer makes up more than 10 percent of our revenue. Sales to those customers could be reduced or eliminated as a result of failure to respond to customer needs, reduced customer demand, increased sales to our competitors, inability to manufacture or ship products and solutions, supply chain constraints, trade restrictions, sanctions and embargoes. We have experienced forced reductions in sales and been prevented from selling large orders to certain key customers due to trade restrictions, which we have been able to mitigate with the addition of new customers and new business. If we have future reductions in sales or lose key customers, there is no guarantee that we will be able to mitigate the impact of such reductions or losses, which could negatively impact our income, operating results and financial condition.Certain key customers have substantial purchasing power and leverage in negotiating contractual arrangements with us. These customers may demand contract terms that differ considerably from our standard terms and conditions. Large orders may also include severe contractual liabilities if we fail to provide the quantity and quality of product at the required delivery times or fail to meet other obligations. While we attempt to contractually limit our potential liability, we may agree to some or all of these provisions to secure these orders and grow our business. Such actions expose us to significant additional risks, which could result in a material adverse impact on our operating results and financial condition.Industry consolidation and consolidation among our customer base may lead to increased competition and may harm our operating results.There is potential for industry consolidation in our markets. As companies attempt to expand, strengthen or hold their market positions in an evolving industry, companies could be acquired or may be unable to continue operations. Companies that are strategic alliance partners in some areas of our business may acquire or form alliances with our competitors, thereby reducing their business with us. Industry consolidation may result in stronger competitors and could lead to more variability in 42Table of Contentsour operating results and could have a material adverse effect on our business, operating results, and financial condition. Furthermore, particularly in the communications market, rapid consolidation would lead to fewer customers, with the effect that loss of a major customer could have a material impact on results not anticipated in a customer marketplace composed of more numerous participants.Additionally, if there is consolidation among our customer base, our customers may be able to command increased leverage in negotiating prices and other terms of sale, which could adversely affect our profitability. If, as a result of increased leverage, customer pressures require us to reduce our pricing such that our gross margins are diminished, we could decide not to sell our solutions under such less favorable terms, which would decrease our revenue. Consolidation among our customer base may also lead to reduced demand for our solutions, replacement of our products by the combined entity with those of our competitors and cancellations of orders, each of which could harm our operating results.Our acquisitions, strategic alliances, joint ventures, internal reorganizations and divestitures may result in financial results that are different than expected.In the normal course of business, we may engage in discussions with third parties relating to possible acquisitions, strategic alliances, joint ventures and divestitures. Additionally, we occasionally make changes to our internal structure to align business products, services and solutions with market demands and to obtain cost synergies and operational efficiencies. As a result of such transactions, our financial results may differ from our own or the investment communityâ€™s expectations in a given fiscal quarter, or over the long term. If market conditions or other factors lead us to change our strategic direction, we may not realize the expected value from such transactions or reorganizations. Further, such third-party transactions often have post-closing arrangements, including, but not limited to, post-closing adjustments, transition services, escrows or indemnifications, the financial results of which can be difficult to predict. In addition, acquisitions and strategic alliances may require us to integrate a different company culture, management team, employees and business infrastructure into our existing operations without impacting the business operations of the newly acquired company. We may have difficulty developing, manufacturing and marketing the products of a newly acquired company in a way that enhances performance and expands the markets of the newly acquired company. The acquired company may not enhance the performance of our businesses or product lines such that we do not realize the value from expected synergies. Depending on the size and complexity of an acquisition, the successful integration of the entity depends on a variety of factors, including but not limited to:â€¢the achievement of anticipated cost savings, synergies, business opportunities and growth prospects from combining the acquired company;â€¢the scalability of production, manufacturing and marketing of products of a newly acquired company to broader adjacent markets;â€¢the ability to cohesively integrate operations, product definitions, price lists, contract terms and conditions, delivery, and technical support for products and solutions of a newly acquired company into our existing operations;â€¢the compatibility of our infrastructure, operations, policies and organizations with those of the acquired company;â€¢the retention of key employees and/or customers;â€¢the management of facilities and employees in different geographic areas; andâ€¢the management of relationships with our strategic partners, suppliers, and customer base.If we do not realize the expected benefits or synergies of such transactions, our consolidated financial position, results of operations, cash flows and stock price could be negatively impacted. Additionally, we may record significant goodwill and other assets as a result of acquisitions or investments, and we may be required to incur impairment charges, which could adversely affect our consolidated financial position and results of operations.Any inability to complete acquisitions on acceptable terms could negatively impact our growth rate and financial performance. Our ability to grow revenues, earnings and cash flow depends in part upon our ability to identify and successfully acquire and integrate businesses at appropriate prices and realize anticipated synergies and business performance. Appropriate targets for acquisition are difficult to identify and complete for a variety of reasons, including, but not limited to, limited due diligence, high valuations, difficulty obtaining business and intellectual property evaluations, other interested parties, negotiations of the definitive documentation, satisfaction of closing conditions, the need to obtain antitrust or other regulatory approvals on acceptable terms, and availability of funding. The inability to close appropriate acquisitions on acceptable terms could adversely impact our growth rate, revenue, and financial performance.43Table of ContentsWe may need additional financing in the future to meet our capital needs or to make opportunistic acquisitions, and such financing may not be available on terms favorable to us, if at all, and may be dilutive to existing shareholders.We may need to seek additional financing for our general corporate purposes. For example, we may need to increase our investment in R&D activities or need funds to make acquisitions. We may be unable to obtain any desired additional financing on terms favorable to us, if at all. If adequate funds are not available on acceptable terms, we may be unable to fund our expansion, successfully develop or enhance solutions or respond to competitive pressures, any of which could negatively affect our business. If we finance acquisitions by issuing convertible debt or equity securities, our existing stockholders may experience share dilution, which could affect the market price of our stock. If we raise additional funds through the issuance of equity securities, our shareholders will experience dilution of their ownership interest. If we raise additional funds by issuing debt, we may be subject to further limitations on our operations and ability to pay dividends due to restrictive covenants.We have outstanding debt and may incur other debt in the future, which could adversely affect our financial condition, liquidity and results of operations.We currently have outstanding debt as well as availability to borrow under a revolving credit facility. We may borrow additional amounts in the future and use the proceeds from any future borrowing for general corporate purposes, future acquisitions, expansion of our business or repurchases of our outstanding shares of common stock.Our incurrence of debt, and increases in our aggregate levels of debt, may adversely affect our operating results and financial condition by, among other things:â€¢requiring a portion of our cash flow from operations to make interest payments on outstanding debt;â€¢increasing our vulnerability to general adverse economic and industry conditions;â€¢reducing the cash flow available to fund capital expenditures and other corporate purposes and to grow our business; andâ€¢limiting our flexibility in planning for, or reacting to, changes in our business and the industry.Our current revolving credit facility imposes restrictions on us, including restrictions on our ability to create liens on our assets and the ability of our subsidiaries to incur indebtedness, and requires us to maintain compliance with specified financial ratios. Our ability to comply with these ratios may be affected by events beyond our control. In addition, the indenture governing our senior notes contains covenants that may adversely affect our ability to incur certain liens. If we breach any of the covenants and do not obtain a waiver from the lenders, then, subject to applicable cure periods, our outstanding indebtedness

could be declared immediately due and payable.Volatility in currency exchange rates could adversely impact our financial results.A substantial amount of our solutions are priced and paid for in U.S. Dollars, although many of our solutions are priced in local currencies and a significant amount of certain types of expenses, such as payroll, utilities, tax and marketing expenses, are paid in local currencies and could be impacted by significant currency exchange rate fluctuations. Our hedging programs are designed to reduce, but not entirely eliminate, within any given 12-month period, the impact of currency exchange rate movements, including those caused by currency controls, which could impact our business, operating results and financial condition by resulting in lower revenue or increased expenses. However, for expenses beyond a 12-month period, our hedging strategy will not mitigate our exchange rate risk. In addition, our currency hedging programs involve third-party financial institutions as counterparties. The weakening or failure of these counterparties may adversely affect our hedging programs and our financial condition through, among other things, a reduction in the number of available counterparties, increasingly unfavorable terms or the failure of counterparties to perform under hedging contracts.We are or will be subject to ongoing tax examinations of our tax returns by the IRS and other tax authorities. An adverse outcome of any such audit or examination by the IRS or other tax authority could have a material adverse effect on our results of operations, financial condition and liquidity.We are or will be subject to ongoing tax examinations of our tax returns by the IRS and other tax authorities in various jurisdictions. We regularly assess the likelihood of adverse outcomes resulting from ongoing tax examinations to determine the adequacy of our provision for income taxes. These assessments can require considerable estimates and judgments. Intercompany transactions associated with the sale of inventory, services, intellectual property and cost sharing arrangements are complex and affect our tax liabilities. The calculation of our tax liabilities involves uncertainties in the application of complex tax laws and regulations in multiple jurisdictions. The outcomes of these tax examinations could have an adverse effect on our operating results and financial condition. Due to the complexity of tax contingencies, the ultimate resolution of any tax matters related to operations may result in payments greater or less than amounts accrued.44Table of ContentsOur effective tax rate may be adversely impacted by changes in our business mix or changes in the tax legislative landscape.Our effective tax rate may be adversely impacted by, among other things, changes in the mix of our earnings among countries with differing statutory tax rates, changes in the valuation allowance of deferred tax assets, and changes in tax laws. We cannot give any assurance as to what our effective tax rate will be in the future because, among other things, there is uncertainty regarding the tax policies of the jurisdictions where we operate. Changes in tax laws, such as tax reform in the United States or changes in tax laws resulting from the Organization for Economic Co-operation and Developmentâ€™s (â€œOECDâ€) multi-jurisdictional plan of action to address â€œbase erosion and profit shiftingâ€ and the taxation of the â€œDigital Economy,â€ could impact our effective tax rate.On June 14, 2019, the U.S. Department of the Treasury (â€œTreasuryâ€) issued final regulations relating to Global Intangible Low Taxed Income (â€œGILTIâ€) under IRC Â§ 951A (the â€œtax regulationsâ€). The tax regulations contained language which disallowed GILTI tax deductions for intangible asset amortization resulting from the Singapore restructuring completed in 2018. During the quarter, the company concluded, in response to recent U.S. Supreme Court decisions on a number of relevant cases, the evolving global tax landscape and other changes in circumstances, that Treasury exceeded regulatory authority and the intangible asset amortization should be deductible. The company amended its U.S. federal income tax returns for the open tax years to claim the deduction and recognized the discrete benefit in the consolidated financial statements. The GILTI tax benefit for the fiscal year 2024 amortization is included in the annual effective tax rate, and the Singapore intangible assets will continue to be amortized for GILTI tax purposes until 2033.The company believes the position meets the more likely than not recognition threshold. The company intends to vigorously defend its position. The outcome cannot be predicted with certainty. If we are ultimately unsuccessful in defending our position, we may be required to reverse the benefit previously recorded, which may impact our financial statement and our profitability in the quarter in which such a reversal is required. If tax laws or incentives change or cease to be in effect, our income taxes could increase significantly.We are subject to federal, state, and local taxes in the United States and numerous foreign jurisdictions. We devote significant resources to evaluating our tax positions and our worldwide provision for taxes. Any changes to the positions we have taken could result in an impact to our financial statements. Our financial results and tax treatment are susceptible to changes in tax, accounting, and other laws, including the Inflation Reduction Act and The Tax Cuts and Jobs Act in the U.S, regulations, principles, and interpretations in the United States and in other jurisdictions where we do business. With the existence of economic and political policies that favor domestic interests, it is possible that more countries will enact tax laws that either increase the tax rates, or reduce or change the tax incentives available to multinational companies like ours. Upon a change in tax laws in any territory where we do significant business, we may not be able to maintain our current tax rate or qualify for or maintain the benefits of any tax incentives offered, to the extent such incentives are offered.Keysight benefits from tax incentives in several jurisdictions, most significantly in Singapore and Malaysia. The Malaysia tax incentive expires October 31, 2025. The Singapore tax incentive expired July 31, 2024. We are pursuing options to renew the Singapore tax incentive with retroactive effect to August 1, 2024. The tax incentives provide lower rates of taxation on certain classes of income and require thresholds of investments and employment in those jurisdictions. If we cannot or do not wish to satisfy all or portions of the tax incentives conditions, we will lose the related tax incentives and could be required to refund the benefits that the tax incentives previously provided. We believe that we will satisfy such conditions, but cannot guarantee that the tax environment will not change or that such conditions will be satisfied. Our taxes could increase if the Singapore incentive is not renewed or if the existing Malaysia incentive is revoked or not renewed upon expiration. We cannot guarantee that we will qualify for any new incentive regime that may exist going forward. As a result, our effective tax rate could be higher than it would have been had we renewed the tax incentive and could harm our operating results after tax.Global health crises could have a material impact on our global operations, our customers and our vendors, which could adversely impact our business results and financial condition.Global health crises could have a material impact on our global operations, our employees, our customers and our vendors, which could adversely impact our business results and financial conditions. For example, the continued evolution of COVID-19 and its variants, as well as periodic spikes in infection rates, local outbreaks on our sites or supplier, customer or vendor sites, in spite of safety measures or vaccinations, could cause disruptions to our operations or those of our suppliers, customers or vendors. Pandemic conditions could lead to global supply chain challenges, which could adversely impact our ability to procure certain components and could impact our ability to manufacture products and cause delays in delivery of our solutions to our customers. As new variants of viruses appear, especially variants that are more easily spread, cause more serious outcomes, or are resistant to existing vaccines, new health orders and safety protocols could further impact our on-site operations and our ability to manufacture, ship or deliver products and solutions to customers.45Table of ContentsThese factors could materially and negatively impact our business results, operations, revenue, growth and overall financial condition.Volatile changes in weather conditions and effects of climate change could damage or destroy strategic facilities, including our headquarters, which could have a significant negative impact on our operations.We and our customers and suppliers are vulnerable to the increasing impact of climate change. Volatile changes in weather conditions, including extreme heat or cold, could increase the risk of wildfires, floods, blizzards, hurricanes and other weather-related disasters. Such extreme weather events can cause power outages and network disruptions that may result in disruption to operations and may impact our ability to manufacture and ship products, which may negatively impact revenue. Disasters created by extreme conditions could cause significant damage to or destruction of our facilities, including our headquarters, resulting in temporary or long-term closures of our facilities and operations and significant expense for repair or replacement of damaged or destroyed facilities. This could also result in loss or damage to employee homes, employees relocating to other parts of the country or being unwilling to relocate to strategic locations, housing shortages and loss of or inability to recruit key employees. This could result in adverse impact to the available workforce, damage to or destruction of inventory, inability to manufacture and deliver solutions, cancellation of orders, and breaches of customer contracts leading to reduced revenue.If we suffer a loss to our factories, facilities or distribution system due to a catastrophic event, our operations could be significantly harmed.Our factories, facilities and distribution system are vulnerable to catastrophic loss due to natural or man-made disasters. Several of our facilities could be subject to a catastrophic loss caused by earthquake or other natural disasters due to their locations. For example, our production facilities, headquarters and laboratories in California and our production facilities in Japan are all located in areas with above-average seismic activity. If any of these facilities were to experience a catastrophic loss, it could disrupt our operations, delay production, shipments and revenue and result in large expenses to repair or replace the facility. In addition, since we have consolidated our manufacturing facilities, we are more likely to experience an interruption to our operations in the event of a catastrophe in any one location. Although we carry insurance for property damage and business interruption, we do not carry insurance or financial reserves for interruptions or potential losses arising from earthquakes or terrorism. Even where insured, there is a risk that an insurer may deny or limit coverage or may become financially incapable of covering claims. Also, our third-party insurance coverage will vary from time to time in both type and amount depending on availability, cost and our decisions with respect to risk retention. Economic conditions and uncertainties in global markets may adversely affect the cost and other terms upon which we are able to obtain third-party insurance. If our third-party insurance coverage is adversely affected, or to the extent we have elected to self-insure, we may be at a greater risk that our operations will be harmed by a catastrophic loss.Our commitment to net zero emissions in company operations by fiscal year 2040 will be subject to significant costs and regulations, which could impact business operations, processes, revenue, and reputation.In May 2021, the company disclosed its commitment to achieving net zero Scope 1 and Scope 2 emissions by the end of fiscal year 2040. The company plans to meet this commitment by reducing energy consumption through efficiency and conservation measures, investments in renewable energy and selective purchase of certified offsets for residual emissions. The company also committed in September 2021 to developing approved science-based targets in line with limiting global warming to 1.5 degrees Celsius above pre-industrial levels. In addition to Scope 1 and Scope 2 emissions defined by our net zero goal, the company has developed Scope 3 reduction and engagement targets across relevant categories as part of our commitment to science-based targets, which were approved by Science Based Target Initiative (â€œSBTiâ€) on October 27, 2023. The development and implementation of goals and targets may require significant and expensive capital improvements, changes in product development, manufacturing processes and shipping methods. These changes may materially increase the cost to manufacture and ship products and solutions, result in price increases to customers, reduce product or solution performance, and create customer dissatisfaction, potentially adversely impacting our revenue and profitability.Achieving net zero emissions goals and targets may entail compliance with evolving laws and regulatory requirements, which may cause us to change or reconfigure facilities and operations to meet regulatory standards. If operations are out of compliance, we may be subject to civil or criminal actions, fines and penalties and be required to make significant changes to facilities and operations and temporarily or permanently shut down non-compliant operations, which could result in business disruption and significant unexpected expense, delays in or inability to develop, manufacture and ship products and solutions, customer dissatisfaction, loss of revenue and damage to our reputation.If we are unable to sufficiently reduce Scope 1 and Scope 2 emissions through energy reduction measures or our investments in renewable energy are not successful, we may fail to achieve our net zero emission commitment by fiscal year 2040. If we are unable to achieve Scope 3 reduction and engagement targets, we may fail to achieve our commitment to science-based targets. Failing to achieve the companyâ€™s net zero or science-based targets commitments could result in 46Table of Contentsregulatory non-compliance, criminal or civil actions against us, assessment of fees and penalties, inability to develop, manufacture and ship products, customer dissatisfaction with our products and solutions, reduced revenue and profitability, shareholder lawsuits and damage to our reputation.Third parties may claim that we are infringing their intellectual property rights, and we could suffer significant litigation or licensing expenses or be prevented from selling solutions or services.From time to time parties have claimed that one or more of our solutions or services infringe their intellectual property rights. We analyze and take action in response to such claims on a case-by-case basis. On January 1, 2022, Centripetal Networks filed a lawsuit in Federal District Court in Virginia, alleging that certain Keysight products infringe certain of Centripetalâ€™s patents. In addition, in February 2022, Centripetal filed complaints in Germany alleging infringement of certain of Centripetalâ€™s German patents, and in April 2022, Centripetal filed a complaint with the International Trade Commission (â€œITCâ€) requesting that they investigate whether Keysight violated Section 337 of the Tariff Act (â€œSection 337â€) and should be enjoined from importing certain products that are manufactured outside of the U.S. which are alleged to infringe Centripetal patents. On December 5, 2023, the ITC issued its Notice of Determination that Keysight did not unfairly import products in violation of Section 337 and the investigation was terminated. Centripetal has appealed this determination. On August 21, 2024, Keysight was served in Germany with a complaint filed in the Unified Patent Court alleging that certain Keysight products sold in Germany, France, Italy and the Netherlands infringe a European Centripetal patent. Although we deny the allegations and are aggressively defending each case, the outcome of existing proceedings, lawsuits and claims may differ from our expectations because the outcomes of litigation are often difficult to reliably predict. Disputes and litigation regarding patents or other intellectual property are costly and time-consuming due to the complexity of our technology and the uncertainty of intellectual property litigation and could divert our management and key personnel from business operations. Claims of intellectual property infringement could cause us to enter into a costly or restrictive license agreement (which may not be available under acceptable terms, or at all), require us to redesign certain of our solutions (which would be costly and time-consuming) and/or subject us to significant damages or an injunction against the development, sale and importation of certain solutions or services. In certain of our businesses, we rely on third-party intellectual property licenses, and we cannot ensure that these licenses will be available to us in the future on terms favorable to us or at all.Third parties may infringe our intellectual property rights, and we may suffer competitive injury or expend significant resources enforcing our intellectual property rights.Our success depends in part on our proprietary technology, including technology we obtained through acquisitions. We rely on various intellectual property rights, including patents, copyrights, trademarks and trade secrets, as well as confidentiality provisions and licensing arrangements, to establish our proprietary rights. If we do not enforce our intellectual property rights successfully, our competitive position may suffer, which could harm our operating results.Our pending patent, copyright and trademark registration applications may not be allowed or competitors may challenge the validity or scope of our patents, copyrights or trademarks. In addition, our patents, copyrights, trademarks and other intellectual property rights may not provide us with a significant competitive advantage.

Different jurisdictions vary widely in the level of protection and priority they give to trademark and other intellectual property rights.We may be required to spend significant resources monitoring our intellectual property rights, and we may or may not be able to detect infringement of such rights by third parties. Our competitive position may be harmed if we cannot detect infringement and enforce our intellectual property rights in a timely manner, or at all. In some circumstances, we may choose to not pursue enforcement due to a variety of reasons. In addition, competitors may avoid infringement by designing around our intellectual property rights or by developing non-infringing competing technologies. Intellectual property rights and our ability to enforce them may be unavailable or limited in some countries, which could make it easier for competitors to infringe our intellectual property rights, capture market share and could result in lost revenues to the company. Furthermore, some of our intellectual property is licensed to others, which allows them to compete with us using that intellectual property.If we experience a significant cybersecurity attack or disruption in our IT systems or our products, our business, reputation, and operating results could be adversely affected.We rely on several centralized IT systems as well as cloud-based service providers to provide solutions and services, maintain financial records, retain sensitive data such as intellectual property, proprietary business information, and data related to customers, suppliers, and business partners, process orders, manage inventory, process shipments to customers and operate other critical functions. The ongoing maintenance and security of this information is pertinent to the success of our business operations and our strategic goals.Despite the implementation of network security measures by us and our third-party service providers, our network and our data may be vulnerable to cybersecurity attacks, computer viruses, break-ins and similar disruptions. Our network security 47Table of Contentsmeasures include, but are not limited to, the implementation of firewalls, antivirus protection, patches, log monitors, routine backups, offsite storage, network audits, employee training and routine updates and modifications. Despite our efforts and those of our service providers to create these security barriers, as new threats emerge it is virtually impossible to entirely eliminate this risk. Cybersecurity attacks are evolving and include, but are not limited to, ransomware attacks, malicious software, attempts to gain unauthorized access to data, and other electronic security breaches that could lead to disruptions in systems, unauthorized release of confidential or otherwise protected information and corruption of data. Any such event could have a material adverse effect on our business, reputation, operating results and financial condition, and no assurance can be given that efforts to reduce the risk of such attacks will be successful.Our products may contain vulnerabilities that could be exploited by cybersecurity attackers, allowing them to introduce malicious code into our products to gain access to customer networks. Such attacks could lead to disruptions to our customersâ€™ operations or processes, system downtime, financial loss, loss of their intellectual property, business information and proprietary data, or corruption of data, which could impact Keysightâ€™s reputation, and result in loss of confidence in our products, loss of orders, and loss in revenue, which could materially impact our financial results. We proactively scan for vulnerabilities in our product lines. When vulnerabilities are discovered, we respond with a predefined Product Security Response Process to address the vulnerability, but we cannot eliminate the possibility of a successful cybersecurity attack or exploitation of undiscovered vulnerabilities.In an effort to improve information security, governments may enact rules, regulations, standards and attestation requirements. These requirements may be unclear, onerous, and compliance may be burdensome and costly. Additionally, the requirements may vary from jurisdiction to jurisdiction and may include differing or conflicting requirements. Compliance with the requirements could impact both the order availability of existing products as well as the introduction timing of new products, which could cause customers to stop purchasing our solutions and could impact our revenue and profits. The failure to comply with such requirements, once enacted, may result in lost orders, reduced revenue, fines, penalties and damage to our reputation.In addition, our IT systems and those of our service providers may be susceptible to damage, disruptions, instability, or shutdowns due to power outages, hardware failures, telecommunication failures, user errors, implementation of new operational systems or software or upgrades to existing systems and software, catastrophes, or other unforeseen events. Such events could result in the disruption of business processes, network degradation and system downtime, along with the potential that a third party will exploit our critical assets, such as intellectual property, proprietary business information and data related to our customers, suppliers and business partners. Further, such events could result in loss of revenue, loss of or reduction in purchase orders, inability to report financial information, litigation, regulatory fines and penalties, and other damage that could have a material impact on our business operations. To the extent that such disruptions occur, our customers and partners may lose confidence in our solutions, and we may lose business or brand reputation, resulting in a material and adverse effect on our business operating results and financial condition.Our business will suffer if we are not able to retain and hire key personnel.Our future success depends partly on the continued service of our key research, engineering, sales, marketing, manufacturing, executive and administrative personnel, including personnel joining our company through acquisitions. The markets in which we operate are dynamic, and from time to time we may need to respond with reorganizations, reductions in workforce, salary freezes or reductions, or site closings. We believe our pay levels are competitive within the regions in which we operate. However, global labor shortages, inflationary pressure on wages, and increased global attrition have intensified competition for talent in most fields across the geographic areas in which we operate, and it may become more difficult to retain key employees. If we fail to retain key personnel and are unable to hire highly qualified replacements, we may not be able to meet key objectives, such as launching effective product innovations and meeting financial goals and maintain or expand our business.If we fail to maintain satisfactory compliance with certain regulations, we may be subject to substantial negative financial consequences and civil or criminal penalties.We and our customers are subject to various significant international, federal, state and local regulations, including, but not limited to, export regulations, sanctions and embargoes, packaging, data privacy, product content, environmental, health and safety and labor. These regulations are complex, change frequently and may become more stringent over time. We have been required to incur significant expenses to comply with these regulations and to remedy violations of certain import/export regulations. Any future failure by us to comply with applicable government regulations could also result in cessation of our operations or portions of our operations, high financial penalties, product recalls or impositions of fines, and restrictions on our ability to carry on or expand our operations. If demand for our solutions is adversely affected or our costs increase, our business would suffer.48Table of ContentsOur R&D, manufacturing and distribution operations involve the use of hazardous substances and are regulated under international, federal, state and local laws governing health and safety and the environment. We are also regulated under a number of international, federal, state and local laws regarding recycling, product packaging and product content requirements. We apply strict standards for protection of the environment and occupational health and safety inside and outside the United States, even where not subject to regulation imposed by foreign governments. We believe that our properties and operations at our facilities comply in all material respects with applicable environmental and occupational health and safety laws. In spite of these efforts, no assurance can be given that we will be compliant with all applicable environmental and workplace health and safety laws and regulations and violations could result in civil or criminal sanctions, fines and penalties.We have developed internal data handling policies and practices to comply with the General Data Protection Regulation (â€œGDPRâ€) in the European Union and data privacy regulations similar to GDPR in other jurisdictions. Our existing business strategy does not rely on aggregating or selling personally identifiable information, and as a general matter Keysight does not process personally identifiable information on behalf of our customers. We devote resources to keep up with the changing regulatory environment on data privacy in the jurisdictions where we do business. There has been increased regulatory scrutiny of the use of â€œbig dataâ€ techniques, machine learning and artificial intelligence. Despite our efforts, no assurance can be given that we will be compliant with data privacy regulations. New laws, amendments, or interpretations of regulations, industry standards, and contractual obligations relating to data privacy may require us to incur additional costs and restrict our business operations. If we fail to comply with GDPR or other data privacy regulation, we may be subject to significant financial fines and civil or criminal penalties, and may suffer damage to our reputation or brand, which could adversely affect our business and financial results.In addition, our products and operations are also often subject to the rules of industrial standards bodies, like the International Standards Organization, as well as regulation by other agencies such as the U.S. Federal Communications Commission. We also must comply with work safety rules. If we fail to adequately address any of these regulations, our businesses could be harmed.Failure to comply with anti-corruption laws could adversely affect our business and result in financial penalties.Because we have extensive international operations, we must comply with complex foreign and U.S. laws and regulations, such as the U.S. Foreign Corrupt Practices Act, the U.K. Bribery Act and other local laws prohibiting corrupt payments to governmental officials, and anti-competition regulations. Although we actively maintain policies and procedures designed to ensure ongoing compliance with these laws and regulations, there can be no assurance that our employees, contractors or agents will not violate these policies and procedures. Violations of these laws and regulations could result in fines and penalties, criminal sanctions, restrictions on our business conduct and on our ability to offer our solutions in one or more countries, and could also materially affect our brand, ability to attract and retain employees, international operations, business and operating results.Our business and financial results may be adversely affected by various legal and regulatory proceedings.We are subject to legal proceedings, lawsuits and other claims in the normal course of business and could become subject to additional claims in the future, some of which could be material. On January 1, 2022, Centripetal Networks filed a lawsuit in Federal District Court in Virginia, alleging that certain Keysight products infringe certain of Centripetalâ€™s patents. In addition, in February 2022, Centripetal filed complaints in Germany alleging infringement of certain of Centripetalâ€™s German patents, and in April 2022, Centripetal filed a complaint with the International Trade Commission (â€œITCâ€) requesting that they investigate whether Keysight violated Section 377 of the Tariff Act and should be enjoined from importing certain products that are manufactured outside of the U.S. and alleged to infringe Centripetal patents. On December 5, 2023, the ITC issued its Notice of Determination that Keysight did not unfairly import products in violation of Section 337 and the investigation was terminated. Centripetal has appealed this determination. On August 21, 2024, Keysight was served in Germany with a complaint filed in the Unified Patent Court alleging that certain Keysight products sold in Germany, France, Italy and the Netherlands infringe a European Centripetal patent.Although we deny the allegations and are aggressively defending each case, the outcome of existing proceedings, lawsuits and claims may differ from our expectations because the outcomes of litigation are often difficult to reliably predict. Various factors or developments can lead us to change current estimates of liabilities and related insurance receivables where applicable, or permit us to make such estimates for matters previously not susceptible to reasonable estimates, such as a significant judicial ruling or judgment, a significant settlement, significant regulatory developments or changes in applicable law. A future adverse ruling, settlement or unfavorable development could result in charges that could adversely affect our business, operating results or financial condition. 49Table of ContentsOur internal controls may be determined to be ineffective, which may adversely affect investor confidence in our company, the value of our stock, and our access to capital.The Sarbanes-Oxley Act of 2002 requires us to furnish a report by management on the effectiveness of our internal control over financial reporting, among other things. We devote significant resources and time to comply with such internal control over financial reporting requirements. However, we cannot be certain that these measures will ensure that we design, implement and maintain adequate control over our financial processes and reporting in the future, especially in the context of acquisitions of other businesses. Any difficulties in the assimilation of acquired businesses into our control system could harm our operating results or cause us to fail to meet our financial reporting obligations. Ineffective internal controls could also cause investors to lose confidence in our reported financial information, which could have a negative effect on the trading price of our stock or on our access to capital, or cause us to be subject to investigation or sanctions by the SEC.Adverse conditions in the global banking industry and credit markets may adversely impact the value of our cash investments or impair our liquidity.Our cash and cash equivalents are invested or held in a mix of money market funds, time deposit accounts and bank demand deposit accounts. Disruptions in the financial markets may, in some cases, result in an inability to access assets such as money market funds that traditionally have been viewed as highly liquid. Any failure of our counterparty financial institutions or funds in which we have invested may adversely impact our cash and cash equivalent positions and, in turn, our results and financial condition. Future investment returns on pension assets may be lower than expected or interest rates may decline, requiring us to make significant additional cash contributions to our future plans.We sponsor several defined benefit pension plans that cover many of our salaried and hourly employees. The Federal Pension Protection Act of 2006 requires that certain capitalization levels be maintained in each of the U.S. plans, and there may be similar funding requirements in the plans outside the United States. Because it is unknown what the investment return on and the fair value of our pension assets will be in future years or what interest rates and discount rates may be at any point in time, no assurances can be given that applicable law will not require us to make future material plan contributions. Any such contributions could adversely affect our financial condition.Environmental contamination from past operations could subject us to unreimbursed costs and could harm on-site operations and the future use and value of the properties involved, and environmental contamination caused by ongoing operations could subject us to substantial liabilities in the future.Some of our properties have been the subject of remediation by HP Inc. (â€œHPâ€) for subsurface contaminations that were known at the time of Agilent's separation from HP in 1999. In connection with Agilent's separation from HP, HP and Agilent entered into an agreement pursuant to which HP agreed to retain the liability for this subsurface contamination, perform the required remediation and indemnify Agilent with respect to claims arising out of that contamination. Agilent has assigned its rights and obligations under this agreement to Keysight in respect of facilities transferred to us in the separation. As a result, HP will have access to a limited number of our properties to perform remediation. Although HP agreed to minimize interference with on-site operations at such properties, remediation activities and subsurface contamination may require us to incur unreimbursed costs and could harm on-site operations and the future use and value of the properties. In connection with the separation, Agilent will indemnify us directly for any liabilities related thereto. We cannot be sure that HP will continue to fulfill its remediation obligations or that Agilent will continue to fulfill its indemnification obligations.On December 17, 2021, Keysight and HP signed a restrictive covenant related to our Santa Rosa facility that prohibits certain uses of the property (such as running a daycare facility, hospital or school) and terminates HPâ€™s remediation obligation related to that facility. HPâ€™s remediation obligations relating to Keysightâ€™s Colorado Springs facility are ongoing.Our current manufacturing processes involve the use of substances regulated under various international, federal, state and local laws governing the environment. As a result, we may become subject to liabilities for environmental contamination, and these liabilities may be substantial. Although our policy is to apply strict standards for

environmental protection at our sites inside and outside the United States, even if the sites outside the United States are not subject to regulations imposed by foreign governments, we may not be aware of all conditions that could subject us to liability.Risks Related to Our Common StockOur share price may fluctuate significantly.Our common stock is listed on the New York Stock Exchange (â€œNYSEâ€) under the ticker symbol â€œKEYS.â€ The market price of our common stock may fluctuate widely, depending on many factors, some of which may be beyond our control, including, but not limited to:â€¢actual or anticipated fluctuations in our operating results due to factors related to our business;50Table of Contentsâ€¢success or failure of our business strategy;â€¢our quarterly or annual earnings, or those of other companies in our industry;â€¢our ability to obtain third-party financing as needed;â€¢announcements by us or our competitors of significant acquisitions or dispositions;â€¢changes in accounting standards, policies, guidance, interpretations or principles;â€¢the failure of securities analysts to cover our common stock;â€¢changes in earnings estimates by securities analysts or our ability to meet those estimates;â€¢the operating and share price performance of other comparable companies;â€¢investor perception of our company;â€¢natural or other disasters that investors believe may affect us;â€¢overall market fluctuations;â€¢results from any material litigation or government investigations;â€¢changes in laws or regulations affecting our business;â€¢changes to our tax rate that may affect our profitability;â€¢new or expanded trade restrictions;â€¢economic conditions such as inflation or recession;â€¢geopolitical conflicts; andâ€¢other external factors.Stock markets in general have experienced volatility that has often been unrelated to the operating performance of a particular company. These broad market fluctuations have adversely affected the trading price of our common stock. In addition, when the market price of a companyâ€™s shares drops significantly, shareholders often institute securities class action lawsuits against the company. A lawsuit against us could cause us to incur substantial costs and could divert the time and attention of management and other resources.We do not currently pay dividends on our common stock.We do not currently pay dividends on our common stock. The payment of any dividends in the future, and the timing and amount thereof, to our stockholders fall within the discretion of our board of directors. The boardâ€™s decisions regarding the payment of dividends will depend on many factors, such as our financial condition, earnings, capital requirements, debt service obligations, restrictive covenants in our debt, industry practice, legal requirements, regulatory constraints and other factors that our board of directors deems relevant. We cannot guarantee that we will pay a dividend in the future or continue to pay any dividends if we commence paying dividends.Certain provisions in our amended and restated certificate of incorporation and bylaws, and of Delaware law, may prevent or delay an acquisition of the company, which could decrease the trading price of our common stock.Our amended and restated certificate of incorporation and amended and restated bylaws contain, and Delaware law contains, provisions that are intended to deter coercive takeover practices and inadequate takeover bids by making such practices or bids unacceptably expensive to the bidder and to encourage prospective acquirers to negotiate with our board of directors rather than to attempt a hostile takeover. These provisions include, but are not limited to:â€¢the inability of our shareholders to call a special meeting;â€¢the inability of our shareholders to act without a meeting of shareholders;â€¢rules regarding how shareholders may present proposals or nominate directors for election at shareholder meetings;â€¢the right of our board of directors to issue preferred stock without shareholder approval;â€¢the division of our board of directors into three classes of directors, with each class serving a staggered three-year term, and this classified board provision could have the effect of making the replacement of incumbent directors more time consuming and difficult;â€¢a provision that shareholders may only remove directors with cause; and51Table of Contentsâ€¢the ability of our directors, and not shareholders, to fill vacancies on our board of directors.In addition, because we have not chosen to be exempt from Section 203 of the Delaware General Corporation Law (the â€œDGCLâ€), this provision could also delay or prevent a change of control that some shareholders may favor. Section 203 provides that, subject to limited exceptions, persons that acquire, or are affiliated with a person that acquires, more than 15 percent of the outstanding voting stock of a Delaware corporation (an â€œinterested stockholderâ€) shall not engage in any business combination with that corporation, including by merger, consolidation or acquisitions of additional shares, for a three-year period following the date on which the person became an interested stockholder, unless (i) prior to such time, the board of directors of such corporation approved either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder; (ii) upon consummation of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85 percent of the voting stock of such corporation at the time the transaction commenced (excluding for purposes of determining the voting stock outstanding (but not the outstanding voting stock owned by the interested stockholder) the voting stock owned by directors who are also officers or held in employee benefit plans in which the employees do not have a confidential right to tender or vote stock held by the plan); or (iii) on or subsequent to such time the business combination is approved by the board of directors of such corporation and authorized at a meeting of shareholders by the affirmative vote of at least two-thirds of the outstanding voting stock of such corporation not owned by the interested stockholder.We believe these provisions will protect our shareholders from coercive or otherwise unfair takeover tactics by requiring potential acquirers to negotiate with our board of directors and by providing our board of directors with more time to assess any acquisition proposal. These provisions are not intended to make us immune from takeovers. However, these provisions will apply even if the offer may be considered beneficial by some shareholders and could delay or prevent an acquisition that our board of directors determines is not in the best interests of the company and our shareholders. These provisions may also prevent or discourage attempts to remove and replace incumbent directors.Our amended and restated certificate of incorporation designates that the state courts in the State of Delaware or, if no state court located within the State of Delaware has jurisdiction, the federal court for the District of Delaware, as the sole and exclusive forum for certain types of actions and proceedings that may be initiated by our shareholders, which could discourage lawsuits against the company and our directors and officers.Our amended and restated certificate of incorporation provide that unless the board of directors otherwise determines, the state courts in the State of Delaware or, if no state court located within the State of Delaware has jurisdiction, the federal court for the District of Delaware, will be the sole and exclusive forum for any derivative action or proceeding brought on our behalf, any action asserting a claim of breach of a fiduciary duty owed by any of our directors or officers to the company or our shareholders, any action asserting a claim against us or any of our directors or officers arising pursuant to any provision of the DGCL or Keysight's amended and restated certificate of incorporation or bylaws, or any action asserting a claim against us or any of our directors or officers governed by the internal affairs doctrine. This exclusive forum provision may limit the ability of our shareholders to bring a claim in a judicial forum that such shareholders find favorable for disputes with us or our directors or officers, which may discourage such lawsuits against us and our directors and officers.52Table of ContentsItem 2.Â Unregistered Sales of Equity Securities and Use of ProceedsIssuer Purchases Of Equity SecuritiesThe table below summarizes information about the companyâ€™s purchases, based on trade date; of its equity securities registered pursuant to SectionÂ 12 of the Exchange Act during the quarterly period ended July 31, 2024.Â PeriodTotalÂ NumberÂ of SharesÂ ofÂ Common StockÂ Purchased (1)WeightedÂ Average PriceÂ PaidÂ perÂ Share of CommonÂ Stock (2)Total NumberÂ of SharesÂ ofÂ Common StockÂ PurchasedÂ as PartÂ ofÂ Publicly AnnouncedÂ PlansÂ or Programs (1)Maximum ApproximateÂ Dollar ValueÂ ofÂ SharesÂ of CommonÂ StockÂ that MayÂ YetÂ Be PurchasedÂ UnderÂ the Program (1)May 1, 2024 through May 31, 2024228,506$143.53228,506$751,817,974June 1, 2024 through JuneÂ 30, 2024309,310$136.55309,310$709,582,221July 1, 2024 through July 31, 2024536,205$139.87536,205$634,582,438Total1,074,0211,074,021(1)On March 6, 2023, our board of directors approved a stock repurchase program authorizing the purchase of up to $1,500 million of the companyâ€™s common stock. Under our stock repurchase program, shares may be purchased from time to time, subject to general business and market conditions and other investment opportunities, through open market purchases, privately negotiated transactions or other means. All such shares and related costs are held as treasury stock and accounted for at trade date using the cost method.(2)The weighted average price paid per share of common stock does not include the cost of commissions.Item 5. Other InformationRule 10b5-1 Trading plansDuring the three months ended July 31, 2024, the following directors or officers (as defined in Rule 16a-1(f) of the Exchange Act) adopted or terminated a â€œRule 10b5-1 trading arrangementâ€ or â€œnon-Rule 10b5-1 trading arrangement,â€ as each term is defined in Item 408(c) of Regulation S-K:PlansName & TitleActionDateRule 10b5-1Non-Rule 10b5-1Aggregate number of securities to be sold(1)Plan expiration dateSatish DhanasekaranAdoptionJune 4, 2024â˜†â˜43,433June 2, 2025President and Chief Executive OfficerSoon Chai GooiAdoptionMay 30, 2024â˜†â˜10,589December 6, 2024Senior Vice President, Order Fulfillment and Digital OperationsJeffrey K LiAdoptionJune 4, 2024â˜†â˜10,802December 6, 2024Senior Vice President, General Counsel, and SecretaryJohn PageAdoptionJune 28, 2024â˜†â˜20,327June 27, 2025Senior Vice President and President of Global Services(1)The â€œAggregate number of securities to be soldâ€ represents the gross number of shares to be received during the duration of the plan, before excluding any shares withheld by the company to satisfy its income tax withholding in connection with the net settlement of the equity awards. Any underlying performance share awards being calculated at target.During the three months ended July 31, 2024, there were no terminations of a â€œRule 10b5-1 trading arrangementâ€ or â€œnon-Rule 10b5-1 trading arrangement.â€53Table of ContentsItem 6. ExhibitsExhibitÂ NumberDescription10.1Keysight Technologies, Inc. Non-Employee Director Stock Award Agreement*10.2Keysight Technologies, Inc. Global Stock Option Award Agreement*10.3Keysight Technologies, Inc. Global Performance Award Agreement*31.1Certification of Chief Executive Officer pursuant to SectionÂ 302 of the Sarbanes-Oxley Act of 2002.31.2Certification of Chief Financial Officer pursuant to SectionÂ 302 of the Sarbanes-Oxley Act of 2002.32.1Certification of Chief Executive Officer pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002.32.2Certification of Chief Financial Officer pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002.101.INSXBRL 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.SCHXBRL Extension Schema Document101.CALXBRL Extension Calculation Linkbase Document101.LABXBRL Extension Label Linkbase Document101.PREXBRL Extension Presentation Linkbase Document101.DEFXBRL Extension Definition Linkbase Document104Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)*Â Â Â Â Indicates management contract or compensatory plan, contract or arrangement.54Table of ContentsSIGNATURESÂ 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.KEYSIGHT TECHNOLOGIES,Â INC.Dated:August 29, 2024By:/s/ Neil DoughertyÂ Â Neil DoughertyÂ Â Executive Vice President and Chief Financial OfficerÂ Â (Principal Financial Officer)Â Â Â Â Â Â Dated:August 29, 2024By:/s/ Lisa M. PooleÂ Â Lisa M. PooleÂ Â Vice President and Corporate ControllerÂ Â (Principal Accounting Officer)Â Â Â Â 55 EX-10.1 2 keys-07312024xex101.htm EX-10.1 Document Exhibit 10.1KEYSIGHT TECHNOLOGIES, INC.2014 Equity and Incentive Compensation Plan Stock Award AgreementFor Awards Granted to Non-Employee DirectorsSection 1. Grant of Stock Award. This Stock Award Agreement (the "Award Agreement"), dated as of the Grant Date indicated in your account maintained by Fidelity Stock Plan Services, LLC or such other company that may provide administrative services in connection with the Plan in the future (the "External Administrator"), is entered into between Keysight Technologies, Inc., a Delaware corporation (the "Company"), and you as an individual (the "Director") who has been granted a stock award (this "Stock Award") pursuant to the Keysight Technologies, Inc. 2014 Equity and Incentive Compensation Plan (the "Plan"). This Stock Award represents the right to receive the number of shares of the Company's $0.01 par value voting common stock ("Shares") indicated in the Director's External Administrator account, or if this Agreement is delivered in hardcopy, set forth here: Grant Date [INSERT DATE] ; Number of Shares [INSERT NUMBER] , subject to the fulfillment of the conditions set forth below and pursuant to and subject to the terms and conditions set forth in the Plan. The Stock Award is an unfunded and unsecured promise by the Company to deliver Shares. Capitalized terms used and not otherwise defined herein are used with the same meanings as in the Plan.Section 2. Vesting Period. The Stock Award shall be fully vested as to 100% of the Shares on the Grant Date referenced in Section 1 above.Section 3. Nontransferability of Stock Award. This Stock Award shall not be transferable by the Director otherwise than by will or by the laws of descent and distribution. The terms of this Stock Award shall be binding on the executors, administrators, heirs and successors of the Director.Section 4. Settlement of Stock Award. The Stock Award shall be settled on the later of (a) the date that the Stock Award vests in accordance with Section 2 hereof or (b) the payment date or event established pursuant to a valid election made by the Director in accordance with the terms and conditions of the Keysight Technologies, Inc. 2014 Deferred Compensation Plan for Non-Employee Directors or successor plan.Section 5. Restrictions on Issuance of Shares of Common Stock. The Company shall not be obligated to issue any Shares pursuant to this Stock Award unless the Shares are at that time effectively registered or exempt from registration under the U.S. Securities Act of 1933, as amended, and as applicable, local laws. Further, notwithstanding anything to the contrary herein, the Company shall not be obligated to issue any Shares pursuant to this Stock Award if such issuance violates or is not in compliance with any Applicable Laws.Section 6. Responsibility for Taxes. The Director acknowledges that, regardless of any action taken by the Company the ultimate liability for all income tax, social insurance, payroll tax, fringe benefits tax, payment on account or other tax-related items related to the1Director's participation in the Plan and legally applicable to the Director ("Tax-Related Items"), is and remains the Director's responsibility and may exceed any amount withheld by the Company. The Director further acknowledges that the Company (1) makes no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Stock Award, including, but not limited to, the grant, vesting or settlement of the Stock Award, the subsequent sale of Shares acquired pursuant to such settlement and the receipt of any dividends or other distributions; and (2) does not commit to and is under no obligation to structure the terms of the grant or any aspect of the Stock Award to reduce or eliminate the Director's liability for Tax-Related Items or achieve any particular tax result. Further, if the Director is subject to Tax-Related Items in more than one jurisdiction between the Grant Date and the date of any relevant taxable or tax withholding event, as applicable, the Director acknowledges that the Company may be required to withhold or account for Tax-Related Items in more than one jurisdiction.The Company shall not be responsible for withholding any Tax-Related Items unless required by law and the Director acknowledges that the Director will consult with his or her personal tax advisor regarding the Tax-Related Items that arise in connection with the Stock Award.To the extent that tax withholding is required under any applicable laws, the Director authorizes the Company to withhold in Shares otherwise issuable to the Director using applicable minimum statutory withholding rates, unless the use of such withholding method is not practicable under applicable tax or securities laws or has materially adverse accounting consequences, in which case, the obligation for Tax-Related Items may be satisfied by withholding from the Director's cash compensation paid to the Director by the Company

or selling or arranging for the sale of Shares that the Director acquires to meet the withholding obligation for Tax-Related Items (on the Director's behalf pursuant to this authorization), as elected by the Director. If any withholding obligation for Tax-Related Items is satisfied by withholding in Shares, for tax purposes, the Director is deemed to have been issued the full number of Shares subject to the Stock Award, notwithstanding that a number of the Shares are held back solely for the purpose of paying the Tax-Related Items. If any withholding obligation for Tax-Related Items is satisfied by selling Shares, the Company may apply maximum applicable rates, in which case the Director will receive a refund of any over-withheld amount in cash and will have no entitlement to the Common Stock equivalent.Finally, the Director agrees to pay to the Company, any amount of Tax-Related Items that the Company may be required to withhold or account for as a result of the Director's participation in the Plan that cannot be satisfied by the means previously described. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares, if the Director fails to comply with the Director's obligations in connection with the Tax-Related Items.Section 7. Adjustment. The number of Shares subject to this Stock Award and the price per Share, if any, of such Shares may be adjusted by the Company from time to time pursuant to the Plan.2Section 8. Nature of Award. In accepting the grant of this Stock Award, the Director acknowledges, understands and agrees that:a.the Plan is established voluntarily by the Company, it is discretionary in nature and it may be modified, amended, suspended or terminated by the Company at any time, to the extent permitted by the Plan;b.the grant of the Stock Award is voluntary and occasional and does not create any contractual or other right to receive future grants of Stock Awards, or benefits in lieu of Stock Awards, even if Stock Awards have been granted in the past;c.all decisions with respect to future Stock Award or other grants, if any, will be at the sole discretion of the Company;d.the Stock Award grant and the Director's participation in the Plan shall not be interpreted as forming an employment or services contract with the Company;e.nothing contained in the Plan or this Award Agreement shall confer on the Director any right to continue to serve as a director of the Company;f.the Director is voluntarily participating in the Plan;g.the future value of the Shares is unknown, indeterminable and cannot be predicted with certainty, the Company makes no representation regarding such future value and the Company is not responsible for any decrease in value or, if applicable, any foreign exchange fluctuations between the Director's local currency and the United States Dollar that may affect such value;h.Applicable Laws (including any rules or regulations governing securities, foreign exchange, tax, labor or other matters) of the country in which the Director is residing or performing services at the time of grant, vesting or settlement of the Stock Award or the sale of Shares may subject the Director to additional procedural or regulatory requirements that the Director solely is responsible for and must independently fulfill in relation to ownership or sale of such Shares; andi.the ownership of Shares or assets and/or the holding of a bank or brokerage account may subject the Director to reporting requirements imposed by tax, banking, and/or other authorities in the Director's country, that the Director solely is responsible for complying with such requirements, and that any cross-border cash remittance made to transfer of proceeds received upon the sale of Shares must be made through a locally authorized financial institution or registered foreign exchange agency and may require the Director to provide to such entity certain information regarding the transaction.Section 9. No Advice Regarding Grant. The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Director's participation in the Plan, or the Director's acquisition or sale of the Shares. The Director is hereby advised to consult with his or her own personal tax, legal and financial advisors regarding his or her participation in the Plan before taking any action related to the Plan.3Section 10. Data Privacy. The Director hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of the Director's personal data as described in this Award Agreement and any other Stock Award grant materials ("Data") by the Company for the exclusive purpose of implementing, administering and managing the Director's participation in the Plan.The Director understands that the Company may hold certain personal information about the Director, including, but not limited to, the Director's name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any Shares or directorships held in the Company, details of all Stock Awards or any other entitlement to Shares awarded, canceled, exercised, vested, unvested or outstanding in the Director's favor, for the exclusive purpose of implementing, administering and managing the Plan.The Director understands that Data will be transferred to the External Administrator, or such other stock plan service provider as may be selected by the Company in the future, which is assisting the Company with the implementation, administration and management of the Plan. The Director understands that the recipients of the Data may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than the Director's country. The Director understands that if he or she resides outside the United States, he or she may request a list with the names and addresses of any potential recipients of the Data by contacting the Company. The Director authorizes the Company, the External Administrator and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer the Data, in electronic or other form, for the sole purpose of implementing, administering and managing his or her participation in the Plan. The Director understands that Data will be held only as long as is necessary to implement, administer and manage the Director's participation in the Plan. The Director understands if he or she resides outside the United States, he or she 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 the Company in writing. Further, the Director understands that he or she is providing the consents herein on a purely voluntary basis. If the Director does not consent, or if the Director later seeks to revoke his or her consent, the Company will not be able to grant the Director the Stock Award or other equity awards or administer or maintain such awards. Therefore, the Director understands that refusing or withdrawing his or her consent may affect the Director's ability to participate in the Plan. For more information on the consequences of the Director's refusal to consent or withdrawal of consent, the Director understands that he or she may contact the Company.Section 11. No Rights Until Issuance. The Director shall have no rights hereunder as a shareholder with respect to any Shares subject to this Stock Award until the date that Shares are issued to the Director. The Administrator in its sole discretion may substitute a cash payment in lieu of Shares, such cash payment to be equal to the Fair Market Value of the Shares on the date that such Shares would have otherwise been issued under the terms of the Award Agreement.4Section 12. Administrative Procedures. The Director agrees to follow the administrative procedures that may be established by the Company and/or its designated broker for participation in the Plan which may include a requirement that the Shares be held by the Company's designated broker until the Director disposes of such Shares.Section 13. Governing Law and Venue. This Award Agreement shall be governed by and construed according to the laws of the State of Delaware without regard to its principles of conflicts of laws, as provided in the Plan. Any proceeding arising out of or relating to this Award Agreement or the Plan may be brought only in the state or federal courts located in the Northern District of California where this grant is made and/or to be performed, and the parties to this Award Agreement consent to the exclusive jurisdiction of such courts. Section 14. Amendment. This Stock Award may be amended as provided in the Plan.Section 15. Language. If the Director has received this Award Agreement or any other document related to 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.Section 16. Electronic Delivery. 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 Director 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.Section 17. Severability. The provisions of this Award Agreement are severable and if any one or more provisions are determined to be illegal or otherwise unenforceable, in whole or in part, the remaining provisions shall nevertheless be binding and enforceable.Section 18. Imposition of Other Requirements. The Company reserves the right to impose other requirements on the Director's participation in the Plan, on the Stock Award 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 Director to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing.Section 19. Non-U.S. Insider Trading Restrictions/Market Abuse Laws. The Director acknowledges that, depending on his or her country of residence, the Director 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 (e.g. Stock Awards) under the Plan during such times as the Director is considered to have "inside information" regarding the Company (as defined by any applicable laws in the Director's 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 Director is responsible for ensuring compliance with any applicable restrictions and is encouraged to consult his or her personal legal advisor on this matter.Section 20. Waiver. The Director acknowledges that a waiver by the Company of breach of any provision of this Award Agreement shall not operate or be construed as a waiver of any other provision of this Award Agreement, or of any subsequent breach by the Director or any other the Director.5Section 21. Section 409A of the Code. This Stock Award shall be administered, interpreted, and construed in a manner that does not result in the imposition on the Director of any additional tax, penalty, or interest under Section 409A of the Code. The preceding provision, however, shall not be construed as a guarantee of any particular tax effect and the Company shall not be liable to the Director if any payment made under this Stock Award is determined to result in an additional tax, penalty, or interest under Section 409A of the Code, nor for reporting in good faith any payment made under any Award as an amount includible in gross income under Section 409A of the Code.Section 22. Entire Agreement. The Plan is incorporated herein by reference. The Plan and this Award Agreement (including Appendix A attached hereto) constitute the entire agreement of the parties with respect to the subject matter hereof and supersede in their entirety all prior undertakings and agreements of the Company and the Director with respect to the subject matter hereof, and may not be modified adversely to the Director's interest except by means of a writing signed by the Company and the Director, unless such modification is deemed necessary by the Administrator in order to comply with Applicable Laws.Section 23. Acceptance and Rejection; Binding Agreement; Interpretation. This Award Agreement is one of the documents governing this Stock Award, which the Director must accept or reject online through the External Administrator's website. The Director may also accept this Stock Award by signing a hard copy of the Award Agreement and returning it to the Company's Shareholder Records department, in addition to the online acceptance. Further, by accepting the grant of this Stock Award the Director agrees that this Stock Award is granted under and governed by the terms and conditions of the Plan and this Award Agreement. The Director has reviewed the Prospectus and this Award Agreement in their entirety, has had an opportunity to obtain the advice of counsel prior to accepting the Stock Award and fully understands all provisions of the Prospectus and Award Agreement. The Director acknowledges that he or she agrees to accept as binding, conclusive and final all decisions or interpretations of the Company upon any questions relating to the Plan and Award Agreement.KEYSIGHT TECHNOLOGIES, INC.Â By:Â Name:Title:6 EX-10.2 3 keys-07312024xex102.htm EX-10.2 DocumentExhibitÂ 10.2KEYSIGHT TECHNOLOGIES, INC.2014 EQUITY INCENTIVE AND COMPENSATION PLAN GLOBAL STOCK OPTION AWARD AGREEMENTTHIS GLOBAL STOCK OPTION AWARD AGREEMENT, including any additional terms for your country in Appendix A attached hereto (collectively this "Award Agreement"), dated as of the date of grant (the "Grant Date") indicated in your account maintained by Fidelity Stock Plan Services, LLC or such other company that may provide administrative services in connection with the Plan in the future (the "External Administrator"), between Keysight Technologies, Inc., a Delaware corporation (the "Company"), and you as an individual who has been granted a stock option pursuant to the Keysight Technologies, Inc. 2014 Equity and Incentive Compensation Plan (the "Awardee") is entered into as follows:WITNESSETH:WHEREAS, the Compensation and Human Capital Committee of the Board of Directors of the Company (the "Committee") or its authorized delegate(s) determined that the Awardee shall be granted an option under the Keysight Technologies, Inc. 2014 Equity and Incentive Plan (the â€œPlanâ€) as hereinafter set forth; andNOW THEREFORE, the parties hereby agree that the Company grants the Awardee an option ("Option") to purchase the number of shares of the Company's $0.01 par value voting Common Stock ("Shares") indicated in the Awardee's External Administrator account subject to the terms and conditions set forth herein and in the Plan.1.Governing Document. This Option is granted under and pursuant to the Plan and is subject to each and all of the provisions thereof. In the event of a conflict between the terms and conditions of the Plan and the terms and conditions of this Award Agreement, the terms and conditions of the Plan shall prevail. Capitalized terms used and not otherwise defined herein are used with the same meanings as in the Plan.2.Option Price. The Option price shall be equal to the Fair Market Value (as defined in the Plan) of the underlying shares on the Grant Date, unless otherwise required by local law as noted in Appendix A. The Option price for this grant is indicated in the Awardee's External Administrator account.3.Non-Transferability of Option. This Option is not transferable by the Awardee except by will or the laws of descent and distribution. During the Awardee's lifetime, only the Awardee can exercise this Option. This Option may not be transferred, assigned, pledged or hypothecated by the Awardee during his or her lifetime, whether by operation of law or otherwise, and is not subject to execution, attachment or similar process.14.Vesting Schedule. So long as the Awardee retains status as an Awardee Eligible to Vest as such term is defined in the Plan, this Option will vest in whole or in part, in accordance with the following vesting schedule: [INSERT VESTING SCHEDULE]5.Exercise of the Option. Options may be exercised in any manner permitted by the External Administrator and will be subject to such administrator's fees and procedures. The Company reserves the right to limit availability of certain methods of exercise as it deems necessary, including those limitations set forth in Appendix A to this Award Agreement.6.Term of the Option. This Option will expire ten (10) years from the Grant Date, unless sooner terminated, forfeited, or canceled in accordance with the provisions of the Plan. This means that the Option must be exercised, if at all, on or before the expiration date. This expiration date is indicated in the Awardee's External Administrator account. The Awardee is responsible for keeping track of this date (or any earlier Option termination date following the Awardee's Termination of Service, as set forth in Section 7 below) and will not receive any prior notification of the expiration date from the Company.7.Termination of Servicea.General. When the Awardee ceases to be an Awardee Eligible to Vest, any unvested portion of the Option shall be terminated immediately and any vested but unexercised portion of the Option shall terminate on the earlier of the expiration date or three (3) months after the Awardee loses status as an Awardee Eligible to Vest, unless the Awardee ceases to be an Awardee Eligible to Vest due to the Awardeeâ€™s death, total and permanent disability, Retirement (defined below) or participation in the Companyâ€™s Workforce Management Program, as set forth in Sections 7 (b), (c), (d) and (e) below.Except as the Administrator or its designee may otherwise determine, for purposes of the Option, the Awardee shall cease to be an

Awardee Eligible to Vest on the date the Awardee ceases to actively perform services for the Company or any Subsidiary or Affiliate (the "Termination Date") (regardless of the reason for such termination and whether or not later to be found invalid or in breach of employment laws in the jurisdiction where the Awardee is employed or the terms of the Awardee's employment agreement, if any), and unless otherwise expressly provided in Sections 7(b), (c), (d) or (e) below or determined by the Administrator or its designee, the Awardee's right to vest in the Option under the Plan, if any, will terminate as of such date and will not be extended by any notice period (e.g., Awardee's period of Service would not include any contractual notice period or any period of "garden leave" or similar period mandated under employment laws in the jurisdiction where the Awardee is employed, including, but not limited to statutory law, regulatory law and/or common law, or the terms of the Awardee's employment agreement, if any); furthermore, the Awardee's right to exercise the Option after termination of Service, if any, will be measured from the Termination Date and will not be extended by any notice period; the Administrator or its designee shall have the exclusive discretion to determine when the Awardee is no longer providing Service for purposes of the Option. If, for any reason, the Awardee does not exercise his or her vested Option within the appropriate exercise period set forth in this Section 7, the Option shall automatically terminate, and the underlying Shares covered by such Option shall revert to the Plan.b.Retirement of Awardee. Except in a case where Section 4(c) or 4(d) hereof applies, if the Awardee ceases to be an Awardee Eligible to Vest for any reason after attaining both age 55 and 15 full-time equivalent years of service as an employee of the Company or its Subsidiaries or Affiliates (â€œRetirementâ€), all unvested Options shall continue to vest in accordance2with the vesting schedule set forth in Section 4 above. Further, the Awardee retains rights in this Option until the expiration date; provided that in the event of such Awardee's death prior to the expiration date, his or her legal representative or designated beneficiary shall have the right to exercise the Awardee's rights under this Option before the earlier of the expiration date or one (1) year after the death of the Awardee, and shall be bound by the provisions of the Plan. The Administrator, in its sole discretion, may amend or eliminate the provisions of this Section 7(b), as it determines is necessary or advisable in view of applicable local laws or legal judgments.c.Disability of Awardee. If the Awardee ceases to be an Awardee Eligible to Vest as a result of the Awardee's total and permanent disability, all unvested Options shall immediately vest and may be exercised until the earlier of the expiration date or three (3) years from the Awardee's Termination Date.d.Death of Awardee. If the Awardee dies while providing Service or after the Awardee's Retirement, all unvested Options shall immediately vest. The Awardee's legal representative or designated beneficiary shall have the right to exercise the Awardee's right under this Option before the earlier of the expiration date or one (1) year after the death of the Awardee, and shall be bound by the provisions of the Plan.e.Workforce Management Program. Except in a case where Section 4(b) hereof applies, if the Awardee ceases to be an Awardee Eligible to Vest as a result of participation in the Company's U.S. Workforce Management Program (or any analogous local program providing for severance in the case of Company initiated job elimination or reduction in force), any unvested Option shall immediately vest and may be exercised until the earlier of the expiration date or three (3) months from the Awardee's Termination Date.8.Change of Control. In the event of a Change of Control of the Company (as defined in Section 18(c) of the Plan or any successor), the Option shall vest in full immediately prior to the closing of the transaction. The foregoing shall not apply where the Option is assumed, converted or replaced in full by the successor corporation or a parent or subsidiary of the successor; provided, however, that in the event of a Change of Control in which one or more of the successor or a parent or subsidiary of the successor has issued publicly traded equity securities, the assumption, conversion, replacement or continuation shall be made by an entity with publicly traded securities and shall provide that the holders of such assumed, converted, replaced or continued stock options shall be able to acquire such publicly traded securities.9.Restrictions on Issuance of Shares of Common Stock. The Company shall not be obligated to issue any Shares pursuant to this Option unless the Shares are at that time effectively registered or exempt from registration under the U.S. Securities Act of 1933, as amended, and, as applicable, local laws. Further, notwithstanding anything to the contrary herein, the Company shall not be obligated to issue any Shares pursuant to this Option if such issuance violates or is not in compliance with any Applicable Laws.10.Responsibility for Taxes. The Awardee acknowledges that, regardless of any action taken by the Company or, if different, the entity to which the Awardee is providing Service (the "Employer") the ultimate liability for all income tax, social insurance, payroll tax, fringe benefits tax, payment on account or other tax-related items related to the Awardee's participation in the Plan and legally3applicable to the Awardee ("Tax-Related Items"), is and remains the Awardee's responsibility and may exceed any amount withheld by the Company or the Employer. The Awardee further acknowledges that the Company and/or the Employer (1) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Option, including, but not limited to, the grant, vesting or exercise of the Option, the subsequent sale of Shares acquired pursuant to such exercise and the receipt of any dividends; and (2) do not commit to and are under no obligation to structure the terms of the grant or any aspect of the Option to reduce or eliminate the Awardee's liability for Tax-Related Items or achieve any particular tax result. Further, if the Awardee is subject to Tax-Related Items in more than one jurisdiction between the Grant Date and the date of any relevant taxable or tax withholding event, as applicable, the Awardee acknowledges that the Company and/or the Employer (or former employer, as applicable) may be required to withhold or account for Tax-Related Items in more than one jurisdiction.The Awardee authorizes the Company and/or the Employer to, in the sole discretion of the Company and/or the Employer, withhold all applicable Tax-Related Items legally payable by the Awardee from the Awardee's wages or other cash compensation paid to the Awardee by the Company and/or the Employer, within legal limits, or from proceeds of the sale of shares of Common Stock. Alternatively, or in addition, if permissible under local law, the Company may in its sole discretion (1) sell or arrange for the sale of shares of Common Stock that the Awardee acquires to meet the withholding obligation for Tax-Related Items (on the Awardee's behalf pursuant to this authorization), (2) withhold from proceeds of the sale of shares of Common Stock acquired upon exercise of the Option and/or (3) withhold in shares of Common Stock, provided that the Company only withholds the amount of shares of Common Stock necessary to satisfy the minimum withholding amount (to the extent required to avoid adverse accounting consequences). Notwithstanding the foregoing, if the Awardee is an officer of the Company within the meaning of the Exchange Act, the Company shall not have discretion to withhold in shares of Common Stock, as set forth under alternative (3) above; any such share withholding shall be approved by the Administrator.Depending on the withholding method, the Company may withhold or account for Tax- Related Items by considering applicable minimum statutory withholding rates or other applicable withholding rates, including maximum applicable rates, in which case the Awardee will receive a refund of any over-withheld amount in cash and will have no entitlement to the Common Stock equivalent. If the obligation for Tax-Related Items is satisfied by withholding in Shares, for tax purposes, the Awardee is deemed to have been issued the full number of Shares subject to the exercised Option, notwithstanding that a number of the Shares are held back solely for the purpose of paying the Tax-Related Items.Finally, the Awardee agrees to pay to the Company or the Employer, any amount of Tax- Related Items that the Company or the Employer may be required to withhold or account for as a result of the Awardee's participation in the Plan that cannot be satisfied by the means previously described. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares, if the Awardee fails to comply with the Awardee's obligations in connection with the Tax- Related Items.11.Adjustment. The number of Shares subject to this Option and the Option price of such Shares may be adjusted by the Company from time to time pursuant to the Plan.12.Nature of the Option. In accepting the grant of this Option, the Awardee acknowledges, understands and agrees that:4a.the Plan is established voluntarily by the Company, it is discretionary in nature and it may be modified, amended, suspended or terminated by the Company at any time, to the extent permitted by the Plan;b.the grant of the Option is voluntary and occasional and does not create any contractual or other right to receive future grants of options, or benefits in lieu of options, even if options have been granted in the past;c.all decisions with respect to future option or other grants, if any, will be at the sole discretion of the Company;d.the Option grant and the Awardee's participation in the Plan shall not create a right to provide Service or be interpreted as forming an employment or services contract with the Company, the Employer or any Subsidiary or Affiliate and shall not interfere with the ability of the Company, the Employer or any Subsidiary or Affiliate, as applicable, to terminate the Awardee's Service;e.the Awardee is voluntarily participating in the Plan;f.the Option and the Shares subject to the Option are not intended to replace any pension rights or compensation;g.the Option and the Shares subject to the Option, and the income and value of same, are not part of normal or expected compensation for purposes of calculating any severance, resignation, termination, redundancy, dismissal, end-of-service payments, bonuses, long-service awards, profit-sharing payments, pension, retirement or welfare benefits or similar payments;h.the future value of the underlying Shares is unknown, indeterminable and cannot be predicted with certainty, the Company makes no representation regarding such future value and neither the Company, the Employer nor any Subsidiary or Affiliate is responsible for any decrease in value or any foreign exchange fluctuations between the Awardee's local currency and the United States Dollar that may affect such value;i.if the Shares do not increase in value, the Option will have no value;j.if the Awardee exercises the Option and acquires Shares, the value of such Shares may increase or decrease, even below the Option price;k.this Award Agreement is between the Awardee and the Company, and the Employer (if different) is not a party to this Award Agreement;l.in consideration of the grant of the Option to which the Awardee is otherwise not entitled, no claim or entitlement to compensation or damages shall arise from forfeiture of the Option resulting from the termination of the Awardee's Service (for any reason whatsoever whether or not later found to be invalid or in breach of employment laws in the jurisdiction where the Awardee is employed or the terms of the Awardee's employment agreement, if any);m.Applicable Laws (including any rules or regulations governing securities, foreign exchange, tax, labor or other matters) of the country in which the Awardee is residing or working at the time of grant, vesting or exercise of the Option or the sale of Shares may subject5the Awardee to additional procedural or regulatory requirements that the Awardee solely is responsible for and must independently fulfill in relation to ownership or sale of such Shares; andn.the ownership of Shares or assets and/or the holding of a bank or brokerage account may subject the Awardee to reporting requirements imposed by tax, banking, and/or other authorities in the Awardee's country; the Awardee solely is responsible for complying with such requirements, and any cross-border cash remittance made to transfer of proceeds received upon the sale of Shares must be made through a locally authorized financial institution or registered foreign exchange agency and may require the Awardee to provide to such entity certain information regarding the transaction.13.No Advice Regarding Grant. The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Awardee's participation in the Plan, or the Awardee's acquisition or sale of the underlying Shares. The Awardee is hereby advised to consult with his or her own personal tax, legal and financial advisors regarding his or her participation in the Plan before taking any action related to the Plan.14.Data Privacy. The Awardee hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of the Awardee's personal data as described in this Award Agreement and any other Option grant materials ("Data") by and among, as applicable, the Employer, the Company and its Subsidiaries and Affiliates for the exclusive purpose of implementing, administering and managing the Awardee's participation in the Plan.The Awardee understands that the Company and the Employer may hold certain personal information about the Awardee, including, but not limited to, the Awardee's name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any Shares or directorships held in the Company, details of all Options or any other entitlement to Shares awarded, canceled, exercised, vested, unvested or outstanding in the Awardee's favor, for the exclusive purpose of implementing, administering and managing the Plan.The Awardee understands that Data will be transferred to the External Administrator, or such other stock plan service provider as may be selected by the Company in the future, which is assisting the Company with the implementation, administration and management of the Plan. The Awardee understands that the recipients of the Data may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than the Awardee's country. The Awardee understands that if he or she resides outside the United States, he or she may request a list with the names and addresses of any potential recipients of the Data by contacting his or her local human resources representative. The Awardee authorizes the Company, the External Administrator and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer the Data, in electronic or other form, for the sole purpose of implementing, administering and managing his or her participation in the Plan. The Awardee understands that Data will be held only as long as is necessary to implement, administer and manage the Awardee's participation in the Plan. The Awardee understands if he or she resides outside the United States, he or she 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 his or her local human resources representative. Further, the Awardee understands that he or she is providing the consents herein on a purely voluntary basis. If the Awardee does not consent, or if the6Awardee later seeks to revoke his or her consent, his or her Service and career with the Employer will not be adversely affected; the only consequence of refusing or withdrawing the Awardee's consent is that the Company would not be able to grant the Awardee Options or other equity awards or administer or maintain such awards. Therefore, the Awardee understands that refusing or withdrawing his or her consent may affect the Awardee's ability to participate in the Plan. For more information on the consequences of the Awardee's refusal to consent or withdrawal of consent, the Awardee understands that he or she may contact his or her local human resources representative.15.No Rights Until Issuance. The Awardee shall have no rights hereunder as a shareholder with respect to any Shares subject to this Option until the date that Shares are issued to the Awardee upon exercise of the Option.16.Recoupment. This Option is subject to the terms of the Keysight Technologies Compensation Recovery Policy as in effect from time to time (the "Policy"), if and to the extent that the Policy by its terms applies to the Option and the Awardee; and the terms of the Policy are incorporated by reference herein and made a part hereof.17.Administrative Procedures. The Awardee agrees to follow the administrative procedures that may be established by the Company and/or the External Administrator for participation in the Plan which may include a requirement that the Shares issued upon exercise be held by the External Administrator until the Awardee disposes of such Shares. The Awardee agrees to update the Company with respect to the Awardee's home address, contact information and any information necessary for the Company or one of its Affiliates to process any required tax withholding or reporting related to this Option.18.Entire Agreement; Amendment. The Plan is incorporated herein by reference. The Plan and this Award Agreement constitute the entire agreement of the parties with respect to the subject

matter hereof and supersede in their entirety all prior undertakings and agreements of the Company and the Awardee with respect to the subject matter hereof, and may not be modified adversely to the Awardee's interest except by means of a writing signed by the Company and the Awardee, unless such modification is deemed necessary by the Administrator in order to comply with Applicable Laws. Otherwise, this Option may be amended as provided in the Plan.19.Governing Law and Venue. This Award Agreement shall be governed by and construed according to the laws of the State of Delaware without regard to its principles of conflicts of laws, as provided in the Plan. Any proceeding arising out of or relating to this Award Agreement or the Plan may be brought only in the state or federal courts located in the Northern District of California where this grant is made and/or to be performed, and the parties to this Award Agreement consent to the exclusive jurisdiction of such courts.20.Language. The Awardee acknowledges that he or she may be executing part or all of the Award Agreement in English and agrees to be bound accordingly. If the Awardee has received this Award Agreement or any other document related to 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.21.Electronic Delivery. 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 Awardee hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan7through an on-line or electronic system established and maintained by the Company or a third party designated by the Company.22.Severability. The provisions of this Award Agreement are severable and if any one or more provisions are determined to be illegal or otherwise unenforceable, in whole or in part, the remaining provisions shall nevertheless be binding and enforceable.23.Appendix A. Notwithstanding any provisions in this Award Agreement, the Option grant shall be subject to any special terms and conditions set forth in Appendix A to this Award Agreement for the Awardee's country. Moreover, if the Awardee relocates to one of the countries included in Appendix A, the special terms and conditions for such country will apply to the Awardee, to the extent the Company determines that the application of such terms and conditions is necessary or advisable for legal or administrative reasons. Appendix A constitutes part of this Award Agreement.24.Imposition of Other Requirements. The Company reserves the right to impose other requirements on the Awardee's participation in the Plan, on the Option 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 Awardee to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing.25.Insider Trading Restrictions/Market Abuse Laws. The Awardee acknowledges that, depending on his or her country of residence, the Awardee 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 (e.g., Options) under the Plan during such times as the Awardee is considered to have "inside information" regarding the Company (as defined by any applicable laws in the Awardee's 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 Awardee is responsible for ensuring compliance with any applicable restrictions and is encouraged to consult his or her personal legal advisor on this matter.26.Waiver. The Awardee acknowledges that a waiver by the Company of breach of any provision of this Award Agreement shall not operate or be construed as a waiver of any other provision of this Award Agreement, or of any subsequent breach by the Awardee or any other Awardee.27.Acceptance and Rejection. This Award Agreement is one of the documents governing this Option, which the Awardee must accept or reject online through the External Administrator's website. In certain countries, the Awardee must also sign and return an executed Award Agreement to the Company's Shareholder Records department, in addition to the online acceptance. Further, by accepting the grant of this Option the Awardee agrees that this Option is granted under and governed by the terms and conditions of the Plan and this Award Agreement (including Appendix A), and the Awardee acknowledges that he or she agrees to accept as binding, conclusive and final all decisions or interpretations of the Company upon any questions relating to the Plan and Award Agreement.KEYSIGHT TECHNOLOGIES, INC.Â By:Â Name:Title:Accepted and agreed as to the foregoing:Â AWARDEEÂ SignaturePrint NameDate Employee Number8APPENDIX AKEYSIGHT TECHNOLOGIES, INC.2014 EQUITY INCENTIVE AND COMPENSATION PLAN STOCK OPTION AWARD AGREEMENTCOUNTRY-SPECIFIC TERMS AND CONDITIONSAll capitalized terms used in this Appendix A that are not defined herein have the meanings defined in the Plan or the Stock Option Award Agreement (the "Award Agreement"). This Appendix A constitutes part of the Award Agreement.This Appendix A includes additional or different terms and conditions that govern the Option if the Awardee works or resides in one of the countries listed below. In the event of any conflict or inconsistency between the terms of this Appendix A and the Award Agreement, the terms of this Appendix A shall govern.The Awardee understands that if the Awardee is a citizen or resident of a country other than the one in which he or she is currently working, transfers Service and/or residency after the Grant Date or is considered a resident of another country for local law purposes, the Company shall, in its discretion, determine to what extent the terms and conditions contained herein shall apply to the Awardee.ARGENTINAExchange Control Restrictions. The Awardee acknowledges, understands and agrees that under current exchange control laws in Argentina, the Awardee is not permitted to purchase and remit foreign currency out of Argentina for the purpose of acquiring foreign securities (including Shares).The Awardee further acknowledges, understands and agrees that the Company has no liability if the Awardee is unable to exercise the Option due to exchange control restrictions and that the Company reserves the right not to honor the exercise and/or to impose further terms and conditions on the exercise of the Option and the issuance of Shares pursuant to the Option if it determines that any regulatory requirements have not been met. In particular, but without limitation to the foregoing, the Company reserves the right to (a) require that the Awardee make payment of the aggregate exercise price by a method that does not involve that the Awardee advance any funds (e.g., by a "cashless exercise" arrangement), and/or (b) cancel the option in exchange for such cash consideration that the Committee, in its sole discretion, may consider appropriate.AUSTRALIAAustralian Offer Document. Awardee understands and agrees that Awardee's right to participate in the Plan and Options granted under the Plan are subject to an Australian Offer Document. Awardee's right to be granted and exercise Options and acquire Shares under the Plan is subject to the terms and conditions as stated in the Australian Offer Document, the Plan and the Award Agreement.AUSTRIAThere are currently no country-specific provisions.9BELGIUMTax Considerations. A copy of the Grant Notification, Acceptance Form and Belgian Tax Undertaking Agreement in addition to this Award Agreement are available here. The Awardee should consult his or her personal tax advisor with respect to acceptance of the Option and completing the additional forms. The Awardee acknowledges that he or she must sign and return this Award Agreement and the additional forms in order for such documents to be effective.BRAZILCompliance with Law. By accepting the Option, the Awardee acknowledges his or her agreement to comply with applicable Brazilian laws and to pay any and all applicable taxes associated with the Option, the receipt of any dividends, and the sale of Shares acquired under the Plan.CANADAMethod of Exercise. This provision supplements Section 5 of the Award Agreement:Notwithstanding anything to the contrary in the Plan or the Award Agreement, the Awardee will not be permitted to pay the Option price or any Tax-Related Items by delivery to the Company, or attestation to the Company of ownership, of other Shares, or by using a "net exercise" arrangement.Termination of Service. Awardee understands and agrees that, in the event of termination of the Awardee's Service, Awardee's right to participate in the Plan and the treatment of Awardee's Option, if any, will be governed in accordance with Section 7(a) of the Award Agreement, and not under employment laws in the jurisdiction where Awardee is providing Service, including, but not limited to statutory law, regulatory law and/or common law.The following provisions will apply if the Awardee is a resident of Quebec:Language Consent. The parties acknowledge that it is their express wish that the Award Agreement, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be drawn up in English.Consentement Relatif Ã la Langue UtilisÃ©e. Les parties reconnaissent avoir exigÃ© la rÃ©daction en anglais de la prÃ©sente convention (Â« Award Agreement Â»), ainsi que de tous documents exÃ©cutÃ©s, avis donnÃ©s et procÃ©dures judiciaires intentÃ©es en vertu de ou liÃ©s directement ou indirectement Ã la prÃ©sente convention (Â« Award Agreement Â»).Data Privacy. This provision supplements Section 14 of the Award Agreement:The Awardee 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 Awardee further authorizes the Company, any Subsidiary or Affiliate and the External Administrator to disclose and discuss the Plan with their advisors. The Awardee further authorizes the Company, any Subsidiary or Affiliate and the External Administrator to record such information and to keep such information in his or her employee file.10CHINAThese provisions apply only to Awardees who are Peopleâ€™s Republic of China (â€œPRCâ€) nationals, unless otherwise determined by the Company or required by the State Administration of Foreign Exchange (â€œSAFEâ€).Vesting Schedule. This provision supplements Section 4 of the Award Agreement:Notwithstanding anything to the contrary in the Award Agreement, the Option shall not vest or be exercisable unless and until all necessary exchange control or other approvals with respect to the Option under the Plan have been obtained from SAFE. In the event that approval from SAFE ("SAFE Approval") has not been obtained prior to any date(s) on which any portion of the Option is scheduled to vest in accordance with the vesting schedule set forth in Section 4 of the Award Agreement, such portion of the Option will not vest until such SAFE Approval is obtained (the "Actual Vesting Date"). If the Awardee's Termination Date occurs prior to the Actual Vesting Date, the Awardee shall not be entitled to vest in any portion of the Option and the Option shall be forfeited without any liability to the Company or its Subsidiaries or Affiliates.Manner of Exercise. Notwithstanding anything to the contrary in the Plan or Award Agreement, to facilitate compliance with exchange control laws in China, the Awardee will be required to pay the Option price with proceeds from a sale made pursuant to a broker-assisted same-day sale whereby all Shares subject to the exercised portion of the Option will be sold immediately upon exercise and the proceeds of sale, less the Option price, any Tax-Related Items and broker's fees or commissions, will be remitted to the Awardee in accordance with any applicable exchange control laws and regulations. The Company reserves the right to provide the Awardee with additional methods of payment depending on the development of local law.Exchange Control Restrictions. The Awardee understands and agrees that the Awardee will be required to immediately repatriate to China the proceeds from the sale of any Shares acquired under the Plan. The Awardee further understands that such repatriation of the proceeds will need to be effected through a special exchange control account established by the Company or a Subsidiary or Affiliate, and the Awardee hereby consents and agrees that the proceeds from the sale of Shares acquired under the Plan may be transferred to such account by the Company (or the External Administrator) on the Awardee's behalf prior to being delivered to the Awardee. The Awardee also agrees to sign any agreements, forms and/or consents that may be reasonably requested by the Company (or the External Administrator) to effectuate such transfers.The proceeds may be paid to the Awardee in U.S. dollars or local currency at the Company's discretion. If the proceeds are paid to the Awardee in U.S. dollars, the Awardee understands that he or she will be required to set up a U.S. dollar bank account in China so that the proceeds may be deposited into this account. If the proceeds are paid to the Awardee in local currency, (a) the Awardee acknowledges that the Company is under no obligation to secure any particular currency conversion rate and that the Company may face delays in converting the proceeds to local currency due to exchange control restrictions, and (b) the Awardee agrees to bear any currency fluctuation risk between the time the Shares are sold and the time the proceeds are converted to local currency and distributed to the Awardee. The Awardee agrees to comply with any other requirements that may be imposed by the Company in the future in order to facilitate compliance with exchange control requirements in China.11DENMARKTermination of Service. Notwithstanding anything to the contrary in the Plan or the Award Agreement, unless otherwise provided in Section 7(b)-(e) of the Award Agreement, if an Awardee is terminated by the Company for any reason other than breach, any unvested Options will continue to vest under the vesting schedule set forth in Section 4 of the Award Agreement; the Awardee retains rights in this Option until the expiration date. Furthermore, notwithstanding anything to the contrary in the Plan or the Award Agreement, unless otherwise provided in Section 7(b)-(e) of the Award Agreement, in the event that an Awardee resigns his or her Service or is terminated for breach by the Company, any unvested portion of the Option shall be terminated immediately; all rights of the Awardee in this Option, to the extent that it has vested but has not been exercised, shall terminate on the earlier of the expiration date or three (3) months after the Awardee's Termination Date.Danish Stock Option Act. By accepting this Option, the Awardee acknowledges that he or she has received an Employer Statement translated into Danish, which is being provided to comply with the Danish Stock Option Act.FINLANDThere are currently no country-specific provisions.FRANCEFrench-Qualified Option. This Option is intended to qualify for the specific tax and social security treatment in France under Section L. 225-177 to L. 225-186-1 of the French Commercial Code, as amended (a "French-qualified" Option). Certain events may affect the status of the Option as French- qualified, and the Option may be disqualified in the future. The Company does not make any undertaking or representation to maintain the qualified status of the Options. If the Option no longer qualifies as a French-qualified Option, the specific tax and social security treatment will not apply, and the Awardee will be required to pay his or her portion of social security contributions resulting from the Options (as well as any income tax that is due).Plan and Sub-Plan Terms. The Option is subject to the terms and conditions of the Plan and the Rules of the Keysight Technologies, Inc. 2014 Equity and Incentive Compensation Plan for Stock Options Granted to Employees in France (the "French Option Sub-plan"). To the extent that any term is defined in both the Plan and the French Option Sub-plan, for purposes of this grant of a French- qualified Option, the definitions in the French Option Sub-plan shall prevail.Option price. This provision replaces Section 2 of the Award Agreement:The Option price shall be determined in the manner set forth in Section 4 of the French Option Sub- Plan. The Option price for this grant is indicated in the Awardee's External Administrator account.Term of the Option. This provision replaces Section 6 of the Award Agreement:This Option will expire nine (9) years and six (6) months from the Grant Date, unless sooner terminated, forfeited, or canceled in accordance with the provisions of the Plan. This means that the Option must be exercised, if at all, on or before the expiration date. This expiration date is indicated in the Awardee's External Administrator account. The Awardee is responsible for keeping track of this12date (or any earlier Option termination date following the Awardee's Termination of Service, as set forth in Section 7 of the Award Agreement) and will not receive any prior notification of the expiration date from the Company.Death of Awardee. This provision replaces Section 7(d) of the Award Agreement:If the Awardee dies while providing Service or after the Awardee's Retirement, all unvested Options shall immediately vest. The Awardee's heirs shall have the right to exercise the Awardee's right under this Option for a period of six (6) months following the Awardee's death. If the Awardee's heirs do not exercise this Option within six (6) months of the Awardee's death, this Option will be forfeited and Optioneeâ€™s heirs will not be able to exercise the Option.Restrictions on Sale of Shares of Common Stock. If the Awardee qualifies as a managing

director of the Company under French law ("mandataires sociaux" i.e., PrÃ©sident du Conseil d'Administration, Directeur GÃ©nÃ©ral, Directeur GÃ©nÃ©ral DÃ©lÃ©guÃ©, Membre du Directoire, GÃ©rant de SociÃ©tÃ©s par actions), the Awardee is required to hold 20% of the Shares issued upon the exercise of the Option in a nominative account under the procedures implemented by the Company and is not permitted to sell or transfer the Shares until he or she ceases to serve as a managing director, as long as this restriction is a requirement under French law and unless law or regulations provide for a lower percentage (in which case these requirements apply to the lower percentage of Shares required to be held).Consent to Receive Information in English. By accepting the Option, the Awardee confirms having read and understood the documents related to the Option (the Plan and the Award Agreement) which were provided in the English language. The Awardee accepts the terms of these documents accordingly.Consentement Relatif Ã l'Utilisation de lâ€™Anglais. En acceptant l'Option (Â« Option Â»), le BÃ©nÃ©ficiaire confirme avoir lu et compris les documents relatifs Ã lâ€™Option (le Plan (Â« Keysight Technologies, Inc. 2014 Equity and Incentive Compensation Plan Â») et le Contrat d'Attribution) qui ont Ã©tÃ© remis en anglais. Le BÃ©nÃ©ficiaire accepte les termes de ces documents en connaissance de cause.GERMANYThere are currently no country-specific provisions.HONG KONGSale of Shares. Notwithstanding anything to the contrary in the Award Agreement or the Plan, in the event the Option vests and the Awardee or his or her heirs and representatives exercise the Option such that Shares are issued to the Awardee or his or her heirs and representatives within six (6) months of the Grant Date set forth in the Agreement, the Awardee agrees that the Awardee or his or her heirs and representatives will not dispose of any Shares acquired prior to the six-month anniversary of the Grant Date.Nature of Scheme. The Company specifically intends that the Plan will not be an occupational retirement scheme for purposes of the Occupational Retirement Schemes Ordinance.13Securities Law Acknowledgment: The Awardee understands that the offer of the Option and Shares under the Plan does not constitute a public offering of securities and is available only to Employees, Directors or Consultants of the Company or its Subsidiaries or Affiliates.The Award Agreement and the Plan, and other incidental communication materials related to the Option have not been prepared in accordance with and are not intended to constitute a "prospectus" for a public offering of securities under the applicable companies and securities legislation in Hong Kong. Nor have the documents been reviewed by any regulatory authority in Hong Kong. The Option, the Award Agreement and the Plan, and any incidental communication materials, are intended solely for the personal use of the Awardee and may not be distributed to any other person. The Awardee is advised to exercise caution in relation to this offer of the Option under the Plan. If the Awardee is in any doubt about any of the contents of the Award Agreement, including this Appendix, or the Plan, or any incidental communication materials, the Awardee should obtain independent professional advice.INDIAExercise Restriction. Notwithstanding anything to the contrary in the Plan or Award Agreement, due to legal restrictions in India, the Awardee will not be permitted to pay the Option price by the cashless "sell-to-cover" method of exercise (i.e., where Shares subject to the Option will be sold immediately upon exercise and the proceeds of the sale will be remitted to the Company to cover the purchase price for the purchased shares and any Tax-Related Items or Fringe Benefit Tax withholding). The Company reserves the right to permit this method of payment depending on the development of local law.Exchange Control Obligations. The Awardee understands that the Awardee must repatriate any funds received pursuant to the Plan (e.g., proceeds from the sale of Shares, cash dividends) to India. In the case of proceeds from the sale of Shares, the Awardee acknowledges that such repatriation must occur within ninety (90) days of receipt and in the case of dividends, Awardee acknowledges that such repatriation must occur within 180 days of receipt. The Awardee should obtain a foreign inward remittance certificate ("FIRC") from the bank where the Awardee deposits the foreign currency and maintain the FIRC as evidence of the repatriation of funds in the event the Reserve Bank of India or the Employer requests proof of repatriation. The Awardee is also responsible for complying with any other exchange control laws in India that may apply to the Option or the Shares acquired under the Plan.ISRAELSecurities Law Acknowledgement. The Awardee acknowledges, understands and agrees that this offer of the Option does not constitute a public offering under the Securities Law, 1968.Grant Subject to Terms and Conditions of Israel Sub-Plan. The Option is offered to the Awardee subject to, and in accordance with, the terms of the Plan and its Sub-Plan for Participants in Israel (the "Israel Sub-Plan"). As such, the Option is intended to qualify for specific tax and social security treatment in Israel under Section 102 (together with its subsections and any similar successor provisions, "Section 102") of the Israeli Income Tax Ordinance [New Version] 1961, as now in effect or as hereafter amended. Certain events may affect the status of the Option as qualified under Section 102 and the Option may be disqualified in the future. The Company does not make any undertaking or representation to maintain the qualified status of the Option.14The Options, the Shares and any rights issued pursuant to the Options and Shares (other than cash dividends) shall be controlled by Meitav Benefits Trust Company, S.G.S Trusts or another trustee selected by the Company (the "Trustee") for the Awardee's benefit for at least such period of time as required by Section 102 or by the Israeli Tax Authority (the "Lock-Up Period").By accepting the Option, the Awardee agrees to be bound by the terms of the Plan, the Israel Sub-Plan, the Agreement, the trust and services agreement (the "Trust Agreement") with the Trustee, and, upon request of the Company or the Employer, agrees to provide written consent to the terms of any tax ruling or agreement obtained by the Company or the Employer with regard to the Plan and the Israel Sub-Plan ("Tax Ruling").Until further election by the Company, the Option and any Shares received upon exercise of the Option are intended to qualify for the tax treatment available in Israel pursuant to the provisions of the "capital gain trustee track" under Section 102, including the provisions of the Income Tax Rules (Tax Benefits in Shares Issuance to Employees), 2003 and any Tax Ruling.The Option is subject to the trust ("Trust") established by the Trust Agreement with the Trustee. To receive the tax treatment provided for in Sections 102(b)(2) and 102(b)(3) of the ITO or successor statute, the Option will be "deposited" (as defined by the ITO) with the Trustee on behalf of the Awardee during the Lock-Up Period, which, until further election by the Company, shall be twenty- four (24) months from the Grant Date, or any other period determined under the ITO as now in effect or as hereafter amended or by the Israeli Income Tax Authority. Subject to the expiry of the Lock-Up Period and any further period included herein, the Awardee agrees that Shares acquired upon vesting of the Option will be held by the Trustee until the earlier of (a) the receipt by the Trustee of an acknowledgment from the Israeli Income Tax Authority that the Awardee has paid all applicable Tax- Related Items due pursuant to the ITO and Section 102, or (b) the Trustee withholds any applicable Tax-Related Items due pursuant to the ITO and Section 102. Notwithstanding the foregoing, in the event the Awardee shall elect to release any Shares acquired upon vesting of the Option prior to the conclusion of the Lock-Up Period, the tax consequences under Section 102 shall apply to and shall be borne solely by the Awardee.The Company may in its sole discretion replace the Trustee from time to time and instruct the transfer of all Options and Shares held or administered by such Trustee at such time to its successor and the provisions of this Agreement shall apply to the new Trustee.ITALYCashless Exercise Restriction. Notwithstanding anything to the contrary in the Award Agreement, the Awardee must exercise this Option using the cashless-sell-all exercise method. To complete a cashless-sell-all exercise, the Awardee should notify the External Administrator to: (a) sell all of the Shares upon exercise; (b) use the proceeds to pay the Option price, brokerage fees and any applicable Tax-Related Items; and (c) remit the balance in cash to the Awardee. If the Awardee does not complete this procedure, the Company may refuse to allow the Awardee to exercise this Option. The Company reserves the right to provide the Awardee with additional methods of exercise depending on local developments.Data Privacy. This provision replaces Section 14 of the Award Agreement:15The Awardee understands that the Employer, the Company and any other Affiliate and Subsidiary may hold certain personal information about the Awardee, including, the Awardee's name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any Shares or directorships held in the Company, details of the Option or any other entitlement to Shares awarded, canceled, exercised, vested, unvested or outstanding in the Awardee's favor ("Personal Data") and will process such data for the exclusive purpose of implementing, managing and administering the Plan.The Awardee also understands that providing the Company with Personal Data is mandatory for compliance with local law and necessary for the performance of the Plan and that the Awardee's refusal to provide such Personal Data would make it impossible for the Company to perform its contractual obligations and may affect the Awardee's ability to participate in the Plan. The Controllers of personal data processing are Keysight Technologies, Inc., 1400 Fountaingrove Parkway Santa Rosa, CA 95403, and Keysight Technologies Italy S.r.l., Via Grandi, 8, Cernusco sul Naviglio 20063 Milan Italy, which is also the Company's representative in Italy for privacy purposes pursuant to Legislative Decree no 196/2003.The Awardee understands that Personal Data will not be publicized, but it may be accessible by the Employer and its internal and external personnel in charge of processing of such Personal Data and by the Personal Data Processor (the "Processor"), if any. An updated list of Processors and other transferees of Personal Data is available upon request from the Employer. Furthermore, Personal Data may be transferred to the External Administrator, Employer and any banks, other financial institutions or brokers involved in the management and administration of the Plan. The Awardee understands that the Company and/or its Affiliates and Subsidiaries will transfer Personal Data amongst themselves as necessary for the purpose of implementation, administration and management of the Awardee's participation in the Plan, and that the Company and/or its Affiliates and Subsidiaries may each further transfer Personal Data to third parties assisting the Company in the implementation, administration and management of the Plan, including any requisite transfer to the External Administrator or another third party with whom the Awardee may elect to deposit any Shares acquired under the Plan. Such recipients may receive, possess, use, retain and transfer the Personal Data in electronic or other form, for the purposes of implementing, administering and managing the Awardee's participation in the Plan. The Awardee understands that these recipients may be located in or outside the European Economic Area in such countries as in the United States that may not provide the same level of protection as intended under Italian data privacy laws. Should the Company exercise its discretion in suspending all necessary legal obligations connected with the management and administration of the Plan, it will delete the Awardee's Personal Data as soon as it has accomplished all the necessary legal obligations connected with the management and administration of the Plan.The Awardee understands that Personal Data processing related to the purposes specified above shall take place under automated or non-automated conditions, anonymously when possible, that comply with the purposes for which Personal Data are collected and with confidentiality and security provisions as set forth by applicable laws and regulations, with specific reference to Legislative Decree no. 196/2003.The processing activity, including communication, the transfer of the Awardee's Personal Data abroad, including outside of the European Economic Area, as herein specified and pursuant to applicable laws and regulations, does not require the Awardee's consent thereto as the processing is necessary to performance of contractual obligations related to implementation, administration and16management of the Plan. The Awardee understands that, pursuant to Section 7 of the Legislative Decree no. 196/2003, the Awardee has the right to, including but not limited to, access, delete, update, ask for rectification of the Awardee's Personal Data and estop, for legitimate reason, the Personal Data processing.Furthermore, the Awardee is aware that the Awardee's Personal Data will not be used for direct marketing purposes. In addition, the Personal Data provided can be reviewed and questions or complaints can be addressed by contacting the Awardee's human resources department.Plan Document Acknowledgement. By accepting the Option, the Awardee acknowledges that (a) the Awardee has received the Plan and the Award Agreement; (b) the Awardee has reviewed those documents in their entirety and fully understands the contents thereof; and (c) the Awardee accepts all provisions of the Plan and the Award Agreement. The Awardee further acknowledges that the Awardee has read and specifically and expressly approves, without limitation, the following sections of the Award Agreement: "Termination of Employment or Service"; "Nontransferability of Option"; "Restrictions on Issuance of Shares of Common Stock"; "Responsibility for Taxes"; "Nature of Award"; "No Advice Regarding Grant"; "Data Privacy" as replaced by the above provision; "No Rights Until Issuance"; "Governing Law and Venue"; "Language"; "Electronic Delivery and Acceptance"; "Imposition of Other Requirements"; "Appendix" "Waiver and Amendments" and Entire Agreement.JAPANThere are currently no country-specific provisions.KOREAThere are currently no country-specific provisions.17MALAYSIAData Privacy. This provision replaces Section 14 of the Award Agreement in its entirety.The Awardee hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of his or her personal data as described in this Award Agreement, including any country-specific Appendix attached hereto, and any other Plan participation materials by and among, as applicable, the Employer, the Company and its Subsidiaries and Affiliates or any third parties authorized by the same for the exclusive purpose of implementing, administering and managing the Awardee's participation in the Plan.The Awardee may have previously provided thePenerima Anugerah dengan ini secara eksplicit dan tanpa sebarang keraguan mengizinkan pengumpulan, penggunaan dan pemindahan, dalam bentuk elektronik atau lain-lain, data peribadinya seperti yang dinyatakan dalam Perjanjian Penganugerahan ini, termasuklah apa-apa Lampiran khusus bagi negara yang dilampirkan di sini, dan apa-apa bahan penyertaan Pelan oleh dan di antara, sebagaimana yang berkenaan, Majikan, Syarikat dan Anak Syarikatnya dan Syarikat Sekutu atau mana-mana pihak ketiga yang diberi kuasa oleh yang sama untuk tujuan ekslusif untuk pelaksanaan, pentadbiran danpengurusan penyertaan Penerima Anugerah18Company and the Employer with, and the Company and the Employer may hold certain personal information about the Awardee, including, but not limited to, the Awardee's name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any Shares or directorships held in the Company, details of all Options or any other entitlement to Shares awarded, cancelled, exercised, vested, unvested or outstanding in the Awardee's favor ("Data"), for the exclusive purpose of implementing, administering and managing the Plan.The Awardee understands that Data will be transferred to the External Administrator or such other stock plan service provider as may be selected by the Company in the future, which is assisting the Company with the implementation,Â Â Â Â administrationÂ Â Â Â and management of the Plan and that Data may be transferred to certain other third parties assisting the Company with the implementation, administration and management of the Plan, including any requisite transfer of such Data as may be required to a broker or third party with whom the Awardee may elect to deposit any Shares acquired pursuant to the Awardee's participation in the Plan. The Awardee understands that these recipients may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than the Awardee's country. The Awardee understands that the Awardee may request a list with the names and addresses of any potential recipients of the Data by contacting the Awardee's local human resources representative. The Awardee authorizes the Company, the External Administrator and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer the Data, in electronic or other form, for the sole purpose of implementing, administering and managing the Awardee's participation in thedalam Pelan tersebut. Sebelum ini, Penerima

Anugerah mungkin telah membekalkan Syarikat dan Majikan dengan, dan Syarikat dan Majikan mungkin memegang, maklumat peribadi tertentu tentang Penerima Anugerah, termasuk, tetapi tidak terhad kepada, namanya, alamat rumah dan nombor telefon, tarikh lahir, nombor insurans sosial atau nombor pengenalan lain, gaji, kewarganegaraan, jawatan, apa-apa saham atau jawatan pengarah yang dipegang dalam Syarikat, butir- butir semua opsyen atau apa-apa hak lain untuk Saham yang dianugerahkan, dibatalkan, dilaksanakan, terletak hak, tidak diletak hak ataupun bagi faedah Penerima Anugerah (â€œDataâ€), untuk tujuan yang eksklusif bagi melaksanakan, mentadbir dan menguruskan Pelan tersebut. Penerima Anugerah memahami bahawa Data akan dipindahkan kepada Pentadbir Luar atau pembekal perkhidmatan pelan saham lain yang mungkin dipilih oleh Syarikat pada masa depan, yang membantu Syarikat dalam melaksanakan, mentadbir dan menguruskan Pelan tersebut, dan Data mungkin boleh dipindahkan kepada pihak ketiga lain yang tertentu yang membantu Syarikat dengan pelaksanaan, pentadbiran, dan pengurusan Pelan, termasuklah apa-apa pemindahan yang diperlukan untuk Data yang diwajibkan kepada broker atau pihak ketiga dengan sesiapa yang Penerima Anugerah pilih untuk mendepositkan Saham yang diperolehi melalui penyertaan Penerima Anugerah dalam Pelan. Penerima Anugerah mengakui bahawa penerima- penerima ini mungkin berada di Amerika Syarikat atau di tempat lain, dan bahawa negara penerima (contohnya, Amerika Syarikat) mungkin mempunyai undang-undang privasi data dan perlindungan yang berbeza daripada negara Penerima Anugerah. Penerima Anugerah memahami bahawa Penerima Anugerah boleh meminta senarai dengan nama dan alamat mana-mana penerima Data dengan menghubungi wakil sumber manusia tempatannya. Penerima Anugerah memberi kuasa kepada Syarikat, Pentadbir Luar dan mana-mana penerima lain yang mungkin membantu Syarikat (masa sekarang19Plan. The Awardee understands that Data will be held only as long as is necessary to implement, administer and manage the Awardee's participation in the Plan. The Awardee understands that the Awardee 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 his or her local human resources representative.Further, the Awardee understands that the Awardee is providing the consents herein on a purely voluntary basis. If the Awardee does not consent, or if the Awardee later seeks to revoke his or her consent, the Awardee's employment status or Service and career with the Employer will not be adversely affected; the only consequence of refusing or withdrawing the Awardee's consent is that the Company would not be able to grant the Awardee Options or other equity awards or administer or maintain such awards. Therefore, the Awardee understands that refusing or withdrawing his or her consent may affect the Awardee's ability to participate in the Plan. For more information on the consequences of the Awardee's refusal to consent or withdrawal of consent, the Awardee understands that the Awardee may contact his or her local human resources representative.atau pada masa depan) untuk melaksanakan, mentadbir dan menguruskan Pelan tersebut untuk menerima, memiliki, menggunakan, mengekalkan dan memindahkan Data, dalam bentuk elektronik atau lain-lain, semata-mata dengan tujuan untuk melaksanakan, mentadbir dan menguruskan penyertaannya dalam Pelan tersebut. Penerima Anugerah faham bahawa Data akan dipegang hanya untuk tempoh yang diperlukan untuk melaksanakan, mentadbir dan menguruskan penyertaannya dalam Pelan tersebut. Penerima Anugerah memahami bahawa Penerumna Anugerah boleh, pada bila- bila masa, melihat data, meminta maklumat tambahan mengenai penyimpanan dan pemprosesan Data, meminta bahawa pindaan- pindaan dilaksanakan ke atas Data atau menolak atau menarik balik persetujuan dalam ini, dalam mana-mana kes, tanpa kos, dengan menghubungi secara bertulis wakil sumber manusia tempatannya. Selanjutnya, Penerima Anugerah memahami bahawa dia memberikan persetujuan di sini secara sukarela. Jika Penerima Anugerah tidak bersetuju, atau jika Penerima Anugerah kemudian membatalkan persetujuannya, status pekerjaan atau perkhidmatan dan kerjayanya dengan Majikan tidak akan terjejas; satunya akibat buruk jika dia tidak bersetuju atau menarik balik persetujuannya adalah bahawa Syarikat tidak akan dapat memberikan opsyen atau anugerah ekuiti lain kepada Penerima Anugerah atau mentadbir atau mengekalkan anugerah tersebut. Oleh itu, Penerima Anugerah memahami bahawa keengganan atau penarikan balik persetujuannya boleh menjejaskan keupayaannya untuk mengambil bahagian dalam Pelan tersebut. Untuk maklumat lanjut mengenai akibat keengganan Penerima Anugerah untuk memberikan keizinan atau penarikan balik keizinan, Penerima Anugerah memahami bahawa Penerima Anugerah boleh menghubungi wakil sumber manusia tempatannya.Â Â Â Â 20MEXICOAcknowledgement of the Award. By accepting the Option, the Awardee acknowledges that he or she has received a copy of the Plan and the Award Agreement, which the Awardee has reviewed. The Awardee acknowledges further that he or she accepts all the provisions of the Plan and the Award Agreement. The Awardee also acknowledges that he or she has read and specifically and expressly approves the terms and conditions set forth in Section 12: "Nature of the Option" in the Award Agreement, which clearly provides as follows:1)the Awardee's participation in the Plan does not constitute an acquired right;2)The Plan and the Awardee's participation in it are offered by the Company on a wholly discretionary basis;3)the Awardee's participation in the Plan is voluntary; and4)The Company and its Subsidiaries and Affiliates are not responsible for any decrease in the value of any Shares acquired at exercise of the Option.Labor Law Policy and Acknowledgment. In accepting the Option, the Awardee expressly recognizes that Keysight Technologies, Inc., with registered offices at 1400 Fountaingrove Parkway, Santa Rosa, CA 95403, is solely responsible for the administration of the Plan and that the Awardee's participation in the Plan and acquisition of Shares do not constitute an employment relationship between the Awardee and the Company since the Awardee is participating in the Plan on a wholly commercial basis and his or her sole employer is Keysight Technologies Mexico, S. de R.L. de C.V. ("Keysight Mexico"), located at Camino al ITESO 8900, Edificio 1B, Colonia Pinar de la Calma Zapopan, Zapopan Jalisco 45080 Mexico. Based on the foregoing, the Awardee expressly recognizes that the Plan and the benefits that he or she may derive from participating in the Plan do not establish any rights between the Awardee and the employer, Keysight Mexico, and do not form part of the employment conditions and/or benefits provided by Keysight Mexico, and any modification of the Plan or its termination shall not constitute a change or impairment of the terms and conditions of the Awardee's employment.The Awardee further understands that his or her participation in the Plan is as a result of a unilateral and discretionary decision of the Company; therefore, the Company reserves the absolute right to amend and/or discontinue the Awardee's participation at any time without any liability to the Awardee.Finally, the Awardee hereby declares that he or she does not reserve to him- or herself any action or right to bring any claim against the Company for any compensation or damages regarding any provision of the Plan or the benefits derived under the Plan, and the Awardee therefore grants a full and broad release to the Company, its Subsidiaries and Affiliates, and its branches, representation offices, shareholders, directors, officers, employees, agents, or legal representatives with respect to any claim that may arise.Spanish TranslationReconocimiento de la OpciÃ³n. Al aceptar la OpciÃ³n, el Participante reconoce que ha recibido una copia del Plan y el Acuerdo, mismo que ha revisado. El Participante reconoce, ademÃ¡s, que acepta todas las disposiciones del Plan y del Acuerdo,. El Participante tambiÃ©n reconoce que ha leÃdo y que concretamente aprueba de forma expresa los tÃ©rminos y condiciones establecidos en la SecciÃ³n 12: "Reconocimiento de la Naturaleza de la OpciÃ³n " del Acuerdo, que claramente dispone lo siguiente:21(1)La participaciÃ³n del Participante en el Plan no constituye un derecho adquirido;(2)El Plan y la participaciÃ³n del Participante en el Plan se ofrecen por la CompaÃ±Ãa a discreciÃ³n total de la CompaÃ±Ãa;(3)Que la participaciÃ³n del Participante en el Plan es voluntaria; y(4)La CompaÃ±Ãa y sus Subsidiarias y Afiliadas no son responsables de ninguna disminuciÃ³n en el valor de las Acciones adquiridas al momento de ejercer la OpciÃ³n.PolÃtica Laboral y Reconocimiento. Al aceptar la OpciÃ³n, el Participante expresamente reconoce que Keysight Technologies, Inc., con sus oficinas registradas en 1400 Fountaingrove Parkway, Santa Rosa, CA 95403, es la Ãºnica responsable por la administraciÃ³n del Plan y que la participaciÃ³n del Participante en el Plan y en su caso la adquisiciÃ³n de Acciones no constituyen una relaciÃ³n de trabajo entre el Participante y la CompaÃ±Ãa, ya que el Participante participa en el Plan en un marco totalmente comercial y su Ãºnico patrÃ³n es Keysight Technologies MÃ©xico, S. de R.L. de C.V. ("Keysight Mexico"), con domicilio en Camino al ITESO 8900, Edificio 1B, Colonia Pinar de la Calma, Zapopan, Jalisco 45080, MÃ©xico. Derivado de lo anterior, el Participante expresamente reconoce que el Plan y los beneficios que pudieran derivar de la participaciÃ³n en el Plan no establecen derecho alguno entre el Participante y el patrÃ³n, Keysight Mexico y no forma parte de las condiciones de trabajo y/o las prestaciones otorgadas por Keysight Mexico y que cualquier modificaciÃ³n al Plan o su terminaciÃ³n no constituye un cambio o detrimento de los tÃ©rminos y condiciones de la relaciÃ³n de trabajo del Participante.Asimismo, el Participante reconoce que su participaciÃ³n en el Plan es resultado de una decisiÃ³n unilateral y discrecional de la CompaÃ±Ãa; por lo tanto, la CompaÃ±Ãa se reserva el derecho absoluto de modificar y/o terminar la participaciÃ³n del Participante en cualquier momento y sin responsabilidad alguna hacia el Participante.Finalmente, el Participante por este medio declara que no se reserva derecho o acciÃ³n alguna en contra de la CompaÃ±Ãa por cualquier compensaciÃ³n o daÃ±os y perjuicios en relaciÃ³n con las disposiciones del Plan o de los beneficios derivados del Plan y por lo tanto, el Participante otorga el mÃ¡s amplio finiquito que en derecho proceda a la CompaÃ±Ãa, Subsidiarias y sus afiliadas, sucursales, oficinas de representaciÃ³n, accionistas, directores, autoridades, empleados, agentes, o representantes legales en relaciÃ³n con respecto de cualquier demanda que pudiera surgir.NETHERLANDSThere are currently no country-specific provisions.PUERTO RICOThere are currently no country-specific provisions.RUSSIASecurities Law Acknowledgment. The Awardee understands that the Plan, the Award Agreement and all other materials the Awardee may receive regarding participation in the Plan do not constitute22advertising or an offering of securities in Russia. The Shares to be issued at exercise of the Option have not and will not be registered in Russia. Therefore, the Shares and any other securities described in any Plan-related documents may not be used for public offering or public circulation in Russia. In no event will Shares issued to the Awardee pursuant to the Option be delivered to the Awardee in Russia; Shares issued to the Awardee pursuant to the Option shall be delivered to the Awardee through the External Administrator and its affiliated companies (or another Company-designated broker) in the United States and kept on the Awardee's behalf in the United States. The Awardee is not permitted to sell Shares directly to other Russian legal entities or residents.Exchange Control Obligations. The Awardee must repatriate the proceeds from the sale of Shares and any dividends received in relation to the Shares to Russia within a reasonably short period after receipt. The sale proceeds and any dividends received must be initially credited to the Awardee through a foreign currency account opened in the Awardee's name at an authorized bank in Russia. After the sale proceeds are initially received in Russia, they may be further remitted to foreign banks in accordance with Russian exchange control laws. The Awardee acknowledges that the Awardee should contact his or her personal legal advisor regarding exchange control requirements as significant penalties may apply in the case of non-compliance with such requirements.Data Privacy. The Awardee hereby acknowledges that the Awardee has read and understood the terms regarding collection, processing and transfer of the Awardee's Data contained in Section 14 of the Award Agreement and the Awardee acknowledges that, by accepting the Option, the Awardee is agreeing to such terms. In this regard, upon request of the Company, the Awardee agrees to provide any executed data privacy consent form to the Employer or the Company (or any other agreements or consents that may be required by the Company) that the Company may deem necessary to obtain under the data privacy laws in the Awardee's country, either now or in the future. The Awardee understands that the Awardee may not be permitted to participate in the Plan if the Awardee fails to execute any such consent or agreement.SINGAPORESecurities Law Acknowledgement. The Awardee understands that the Option is granted pursuant to the "Qualifying Person" exemption under section 273(1)(f) of the Securities and Futures Act (Chapter 289, 2006 Ed.) ("SFA") and is not made with a view to the Shares being subsequently offered for sale to any other party. The Plan has not been lodged or registered as a prospectus with the Monetary Authority of Singapore. The Awardee acknowledges that the Option is subject to section 257 of the SFA and the Awardee will not be able to make (a) any subsequent sale of the Shares in Singapore or(b) any offer of such subsequent sale of the Shares in Singapore, unless such sale or offer is made pursuant to the exemptions under Part XIII Division 1 Subdivision (4) (other than section 280) of the SFA.Director Notification Requirement. If the Awardee is a director, associate director or shadow director1 of a Singaporean Affiliate or Subsidiary, the Awardee acknowledges that he or she is subject to certain notification requirements under the Singapore Companies Act. In particular, the Awardee must notify_____1 A shadow director is an individual who is not on the board of directors of a company but who has sufficient control so that the board of directors acts in accordance with the "directions or instructions" of the individual.23the Singaporean Affiliate or Subsidiary in writing of an interest (e.g., Options, Shares, etc.) in the Company or any related companies within two (2) business days of (a) its acquisition or disposal, (b) any change in a previously disclosed interest (e.g., when the Shares are sold), or (c) becoming a director (if such an interest exists at the time).SPAINNature of the Option. This provision supplements Section 12 of the Award Agreement:In accepting the Option, the Awardee consents to participate in the Plan and acknowledges that he or she has received a copy of the Plan. The Awardee understands that the Company has unilaterally, gratuitously and discretionally decided to grant Options under the Plan to individuals who may be employees of the Company or a Subsidiary or Affiliate. The decision is a limited decision that is entered into upon the express assumption and condition that any grant will not economically or otherwise bind the Company or any of its Subsidiaries or Affiliates, other than as expressly set forth in the Award Agreement. Consequently, the Awardee understands that the Option is granted on the assumption and condition that the Option and the Shares issued upon exercise of the Option shall not become a part of any employment contract (either with the Company or any Subsidiary or Affiliate) and shall not be considered a mandatory benefit, salary for any purposes (including severance compensation) or any other right whatsoever.Additionally, the Awardee understands that the vesting of the Option is expressly conditioned on the Awardee's continued and active rendering of Service to the Company or a Subsidiary or Affiliate such that if the Awardee's Service is terminated for any reason (including for the reasons listed below but with the exception of the circumstances specified in Section 7(b)-(e) of the Award Agreement), the Award will cease vesting immediately effective as of the Termination Date. This will be the case, for example, even if (a) the Awardee is considered to be unfairly dismissed without good cause; (b) the Awardee is dismissed for disciplinary or objective reasons or due to a collective dismissal; (c) the Awardee's Service is terminated due to a change of work location, duties or any other employment or contractual condition; (d) the Awardee's Service is terminated due to unilateral breach of contract of the Company or any of its Subsidiaries or Affiliates; or (e) the Awardee's Service is terminated for any other reason (with the exception of the circumstances specified in Section 7(b)-(e) of the Award Agreement). Consequently, upon termination of Service for any of the above reasons, the Awardee will automatically lose any rights to the Option to the extent that the Option has not yet become vested as of the Termination Date, as described in the Award Agreement. The Awardee acknowledges that he or she has read and specifically accepts the conditions referred to above in Section 7 of the Award Agreement.Finally, the Awardee understands that this Option would not be made to the Awardee but for the assumptions and conditions referred to herein; thus, the Awardee acknowledges and

freely accepts that should any or all of the assumptions be mistaken or should any of the conditions not be met for any reason, then the grant of this Option shall be null and void.SWEDENThere are currently no country-specific provisions.24SWITZERLANDThere are currently no country-specific provisions.TAIWANThere are currently no country-specific provisions.UNITED KINGDOMResponsibility for Taxes. These provisions supplement Section 10 of the Award Agreement:If payment or withholding of the income tax due in connection with the Option is not made within ninety (90) days of the end of the tax year in which the taxable event occurs or such other period specified in Section 222(1)(c) of the U.K. Income Tax (Earnings and Pensions) Act 2003 (the "Due Date"), the amount of any uncollected income tax shall constitute a loan owed by the Awardee to the Employer, effective on the Due Date. The Awardee agrees that the loan will bear interest at the official rate of Her Majesty's Revenue and Customs ("HMRC") and will be immediately due and repayable by the Awardee, and the Company and/or the Employer may recover it at any time thereafter by any of the means referred to in Section 10 of the Award Agreement.Notwithstanding the foregoing, if the Awardee is an executive officer or director of the Company (within the meaning of Section 13(k) of the Exchange Act), the Awardee shall not be eligible for a loan to cover the income tax due as described above. Instead, the amount of any uncollected income tax may constitute a benefit to the Awardee on which additional income tax and National Insurance contributions may be payable. The Awardee acknowledges that the Awardee will be responsible for reporting and paying any income tax due on this additional benefit directly to HMRC under the self- assessment regime and for paying the Company or the Employer (as applicable) for the value of any employee National Insurance contributions due on this additional benefit. The Awardee further acknowledges that the Company or the Employer may recover such amounts from the Awardee by any of the means referred to in Section 10 of the Award Agreement.Joint Election. As a condition of the Awardee's participation in the Plan, the Awardee agrees to accept any liability for secondary Class 1 National Insurance contributions which may be payable by the Company and/or the Employer in connection with the Option and any event giving rise to Tax- Related Items (the "Employer's Liability"). Without prejudice to the foregoing, the Awardee agrees to execute a joint election with the Company or the Employer, the form of such joint election being formally approved by HMRC (the "Joint Election"), and any other consent or election required to accomplish the transfer of the Employer's Liability to the Awardee. The Awardee understands that the Joint Election applies to any Option granted to him or her under the Plan after the execution of the Joint Election. The Awardee further agrees to execute such other joint elections as may be required between him or her and any successor to the Company and/or the Employer. The Awardee further agrees that the Company and/or the Employer may collect the Employer's Liability from him or her by any of the means set forth in Section 10 of the Award Agreement.If the Awardee does not enter into a Joint Election prior to the exercise of the Option or any other event giving rise to Tax-Related Items, he or she will not be entitled to exercise the Option or receive any benefit in connection with the Option unless and until he or she enters into a Joint Election, and no Shares or other benefit pursuant to the Option will be issued to Awardee under the Plan, without any25liability to the Company and/or the Employer.UNITED STATESThere are currently no country-specific provisions.VIETNAMExercise of the Option. The following provision supplements Section 5 of the Award Agreement:Notwithstanding anything to the contrary in the Award Agreement, the Awardee must exercise this Option using the cashless-sell-all exercise method. To complete a cashless-sell-all exercise, the Awardee should notify the External Administrator to: (a) sell all of the Shares upon exercise; (b) use the proceeds to pay the Option price, brokerage fees and any applicable Tax-Related Items; and (c) remit the balance in cash to the Awardee. The Awardee will not be permitted to hold Shares after exercise. If the Awardee does not complete this procedure, the Company may refuse to allow the Awardee to exercise this Option. The Company reserves the right to provide the Awardee with additional methods of exercise depending on local developments.26 EX-10.3 4 keys-07312024xex103.htm EX-10.3 DocumentExhibit 10.3KEYSIGHT TECHNOLOGIES, INC.2014 Equity and Incentive Compensation Plan Global Performance AwardSection 1. Grant of Stock Award. This Global Performance Award Agreement, including any additional terms for your country in Appendix A attached hereto (collectively this "Award Agreement"), dated as of the Grant Date indicated in your account maintained by Fidelity Stock Plan Services, LLC or such other company that may provide administrative services in connection with the Plan in the future (the "External Administrator"), is entered into between Keysight Technologies, Inc. (the "Company"), and you as an individual (the "Awardee") who has been granted a Global Performance Award consisting of Restricted Stock Units (this "Stock Award") pursuant to the Keysight Technologies, Inc. 2014 Equity and Incentive Compensation Plan (the "Plan"). This Stock Award represents the right to receive the number of shares of the Company's $0.01 par value voting common stock ("Shares") indicated in Awardee's External Administrator account subject to the fulfillment of the conditions set forth below and pursuant to and subject to the terms and conditions set forth in the Plan. Capitalized terms used and not otherwise defined herein are used with the same meanings as in the Plan.Section 2. Performance Period and Vesting Period. This Stock Award shall vest upon the achievement of performance goals based on the Performance Criteria (as set forth in Appendix B (the "Performance Goals")) over the performance period set forth in Appendix B (the "Performance Period"), provided Awardee continues in Service through the vesting period set forth in Appendix B (the "Vesting Period") and up until the Payment Date (defined below), except as otherwise set forth in Section 5 below.Section 3. Performance Goals; Settlement. This Stock Award shall not vest and no Shares will be issued to Awardee until the Committee has certified in writing that the Performance Goals have been achieved or exceeded. On the basis of the certified level of attainment of the Performance Goals, the number of Shares subject to the Stock Award that are eligible to vest shall be calculated; such amount may be at any level from zero to 200% of the Target Award set forth in Appendix B. The portion of the Stock Award that is eligible to vest shall vest and be settled as soon as reasonably practicable following the date that the Committee certifies the level of attainment and in any event within ninety (90) days following the end of the Performance Period (the "Payment Date").Section 4. Nontransferability of Stock Award. This Stock Award shall not be transferable by Awardee otherwise than by will or by the laws of descent and distribution. The terms of this Stock Award shall be binding on the executors, administrators, heirs and successors of Awardee.Section 5. Termination of Service; Change of Control.(1)General. An Awardee who, whether voluntarily or involuntarily, terminates Service from the Company (including its Affiliates) or otherwise ceases to be employed in a participating position at any time prior to the Payment Date, shall not be eligible to receive a1payout under the Stock Award except as set forth in this Section 5. Except as the Committee may otherwise determine, termination of Awardee's Service (regardless of the reason for such termination and whether or not later found invalid or in breach of employment laws in the jurisdiction where Awardee is employed or the terms of Awardee's employment agreement, if any) shall occur on the date (the "Termination Date") such Awardee ceases to actively perform services for the Company or any Affiliate without regard to any notice period (e.g., Awardee's period of Service would not include any contractual notice period or any period of "garden leave" or similar period mandated under employment laws in the jurisdiction where Awardee is employed, including, but not limited to statutory law, regulatory law and/or common law, or the terms of Awardee's employment agreement, if any). The Administrator or its designee shall have the exclusive discretion to determine Awardee's Termination Date in accordance with this Section 5(a).(2)Death or Disability. An Awardee who dies or terminates Service as a result of becoming totally and permanently disabled prior to the Payment Date shall, following the end of the Performance Period, have paid to his or her estate or designated beneficiaries or, in the case of disability, either (i) him or her or (ii) his or her legally appointed guardian, a payout based on the full amount of the specified percentage of the Target Award determined to have been achieved by the Committee under Section 3 for the full Performance Period; except that, if such death or termination of Service occurs during the first 12 months of the Vesting Period, the payout for such Performance Period shall equal an amount calculated by multiplying (a) the Award determined under Section 3 for the full Performance Period times (b) a fraction, the numerator of which is the number of days from the beginning of the Vesting Period to the date of such death or termination of Service, and the denominator of which is the number of days in the 12-month period.(3)Retirement. Unless otherwise required under local law, an Awardee who terminates Service for any reason after attaining both age 55 and 15 full-time equivalent years of service as an employee of the Company or its Subsidiaries or Affiliates (â€œRetirementâ€) prior to the Payment Date shall, following the end of the Performance Period, be entitled to receive the full amount of the specified percentage of the Target Award determined to have been achieved by the Committee under Section 3 for the full Performance Period; except that, if such Retirement occurs during the first 12 months of the Vesting Period, the payout for such Performance Period shall equal an amount calculated by multiplying (a) the amount determined under Section 3 for the full Performance Period times (b) a fraction, the numerator of which is the number of days from the beginning of the Vesting Period to the date of such Retirement, and the denominator of which is the number of days in the 12-month period. The Administrator, in its sole discretion, may amend or eliminate the provisions of this Section 5(c), as it determines is necessary or advisable in view of applicable local laws or legal judgments.(4)Demotion. An Awardee who is demoted from eligibility and accordingly ceases to be employed in a participating position at any time prior to the Payment Date but remains in Service shall, following the end of the Performance Period, be entitled to receive the full amount of the specified percentage of the Target Award determined to have been achieved by the Committee under Section 3 for the full Performance Period; except that if such demotion occurs during the first 12 months of the Vesting Period, the payout for such Performance Period shall equal an amount calculated by multiplying (a) the amount determined under Section 3 for the full Performance Period times (b) a fraction, the numerator of which is the number of days from the beginning of the Vesting Period to the date of such demotion, and the denominator of which is the number of days in the 12-month period.(5)Workforce Management Program Termination. An Awardee who terminates Service at any time prior to the Payment Date under the Company's U.S. Workforce Management Program (or any analogous Company initiated local program providing for severance in the case of job elimination or reduction in force) shall, following the end of the Performance Period, be entitled to receive the full amount of the specified percentage of the Target Award determined to have been achieved by the Committee under Section 3 for the full Performance Period; except that if such termination of Service occurs during the first 12 months of the Vesting Period, the payout for such Performance Period shall equal an amount calculated by multiplying (a) the amount determined under Section 3 for the full Performance Period times (b) a fraction, the numerator of which is the number of days from the beginning of the Vesting Period to the date of such termination of Service, and the denominator of which is the number of days in the 12-month period.2(6)Change of Control. In the event of a Change of Control, an Awardee shall, following the end of the Performance Period (or such earlier termination date as may be established for the Performance Period in connection with the Change of Control), be entitled to receive an amount that is equal to the greater of the Target Award or the accrued amount of the payout (i.e., the amount accrued as the expected liability for this Stock Award by the Company's corporate finance department)Section 6. Restrictions on Issuance of Shares of Common Stock. The Company shall not be obligated to issue any Shares pursuant to this Stock Award unless the Shares are at that time effectively registered or exempt from registration under the U.S. Securities Act of 1933, as amended, and as applicable, local laws. Further, notwithstanding anything to the contrary herein, the Company shall not be obligated to issue any Shares pursuant to this Stock Award if such issuance violates or is not in compliance with any Applicable Laws.Section 7. Responsibility for Taxes. Awardee acknowledges that, regardless of any action taken by the Company or, if different, the entity to which Awardee is providing Service (the "Employer") the ultimate liability for all income tax, social insurance, payroll tax, fringe benefits tax, payment on account or other tax-related items related to Awardee's participation in the Plan and legally applicable to Awardee ("Tax-Related Items"), is and remains Awardee's responsibility and may exceed any amount withheld by the Company or the Employer. Awardee further acknowledges that the Company and/or the Employer (1) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Stock Award, including, but not limited to, the grant, vesting or settlement of the Stock Award, the subsequent sale of Shares acquired pursuant to such settlement and the receipt of any dividends or other distributions; and (2) do not commit to and are under no obligation to structure the terms of the grant or any aspect of the Stock Award to reduce or eliminate Awardee's liability for Tax-Related Items or achieve any particular tax result. Further, if Awardee is subject to Tax-Related Items in more than one jurisdiction between the Grant Date and the date of any relevant taxable or tax withholding event, as applicable, Awardee acknowledges that the Company and/or the Employer (or former employer, as applicable) may be required to withhold or account for Tax-Related Items in more than one jurisdiction.Awardee authorizes the Company and/or the Employer to, in the sole discretion of the Company and/or the Employer, withhold all applicable Tax-Related Items legally payable by Awardee from Awardee's wages or other cash compensation paid to Awardee by the Company and/or the Employer, within legal limits, or from proceeds of the sale of Shares. Alternatively, or in addition, if permissible under local law, the Company may in its sole discretion (1) sell or arrange for the sale of Shares that Awardee acquires to meet the withholding obligation for Tax-Related Items (on Awardee's behalf pursuant to this authorization), and/or (2) withhold in Shares, provided that the Company only withholds the amount of Shares necessary to satisfy the minimum withholding amount. Notwithstanding the foregoing, if Awardee is an officer of the Company within the meaning of the Exchange Act, then the Company will withhold in Shares unless the use of such withholding method is not practicable under applicable tax or securities laws or has materially adverse accounting consequences, in which case, the obligation for Tax-Related Items may be satisfied by one or a combination of methods (1) and (2) above, as elected by the Awardee.Depending on the withholding method, the Company may withhold or account for Tax-Related Items by considering applicable minimum statutory withholding rates or other applicable withholding rates, including maximum applicable rates, in which case Awardee will receive a refund of any over-withheld amount in cash and will have no entitlement to the Common Stock equivalent. If the obligation for Tax-Related Items is satisfied by withholding in Shares, for tax purposes, Awardee is deemed to have been issued the full number of Shares subject to the vested Stock Award, notwithstanding that a number of the Shares are held back solely for the purpose of paying the Tax-Related Items.Finally, Awardee agrees to pay to the Company or the Employer, any amount of Tax-Related Items that the Company or the Employer may be required to withhold or account for as a result of Awardee's participation in the Plan that cannot be satisfied by the means previously described. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares, if Awardee fails to comply with Awardee's obligations in connection with the Tax-Related Items.Section 8. Adjustment. The number of Shares subject to this Stock Award and the price per Share, if any, of such Shares may be adjusted by the Company from time to time pursuant to the Plan.3Section 9.Â Â Â Â Nature of Award. In accepting the grant of this Stock Award, Awardee acknowledges, understands and agrees that:(1)the Plan is established voluntarily by the Company, it is discretionary in nature and it may be modified, amended, suspended or terminated by the Company at any time, to the extent permitted by the Plan;(2)the grant of the Stock

Award is voluntary and occasional and does not create any contractual or other right to receive future grants of Stock Awards, or benefits in lieu of Stock Awards, even if Stock Awards have been granted in the past;(3)all decisions with respect to future Stock Award or other grants, if any, will be at the sole discretion of the Company;(4)the Stock Award grant and Awardee's participation in the Plan shall not create a right to provide Service or be interpreted as forming an employment or services contract with the Company, the Employer or any Subsidiary or Affiliate and shall not interfere with the ability of the Company, the Employer or any Subsidiary or Affiliate, as applicable, to terminate Awardee's Service;(5)Awardee is voluntarily participating in the Plan;(6)the Stock Award and the Shares subject to the Stock Award are not intended to replace any pension rights or compensation;(7)the Stock Award and the Shares subject to the Stock Award, and the income and value of same, are not part of normal or expected compensation for purposes of calculating any severance, resignation, termination, redundancy, dismissal, end-of-service payments, bonuses, long-service awards, profit-sharing payments, pension, retirement or welfare benefits or similar payments;(8)the future value of the underlying Shares is unknown, indeterminable and cannot be predicted with certainty, the Company makes no representation regarding such future value and neither the Company, the Employer nor any Subsidiary or Affiliate is responsible for any decrease in value or any foreign exchange fluctuations between Awardee's local currency and the United States Dollar that may affect such value;(9)this Award Agreement is between Awardee and the Company, and that the Employer (if different) is not a party to this Award Agreement;(10)in consideration of the grant of the Stock Award to which Awardee is otherwise not entitled, no claim or entitlement to compensation or damages shall arise from forfeiture of the Stock Award resulting from the termination of Awardee's Service (for any reason whatsoever whether or not later found to be invalid or in breach of employment laws in the jurisdiction where Awardee is employed or the terms of Awardee's employment agreement, if any);(11)Applicable Laws (including any rules or regulations governing securities, foreign exchange, tax, labor or other matters) of the country in which Awardee is residing or working at the time of grant or vesting of the Stock Award or the sale of Shares may subject Awardee to additional procedural or regulatory requirements that Awardee solely is responsible for and must independently fulfill in relation to ownership or sale of such Shares; and(12)the ownership of Shares or assets and/or the holding of a bank or brokerage account may subject Awardee to reporting requirements imposed by tax, banking, and/or other authorities in Awardee's country, that Awardee solely is responsible for complying with such requirements, and that any cross-border cash remittance made to transfer of proceeds received upon the sale of Shares must be made through a locally authorized financial institution or registered foreign exchange agency and may require Awardee to provide to such entity certain information regarding the transaction.4Section 10. No Advice Regarding Grant. The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding Awardee's participation in the Plan, or Awardee's acquisition or sale of the underlying Shares. Awardee is hereby advised to consult with his or her own personal tax, legal and financial advisors regarding his or her participation in the Plan before taking any action related to the Plan.Section 11. Data Privacy. Awardee hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of Awardee's personal data as described in this Award Agreement and any other Stock Award grant materials ("Data") by and among, as applicable, the Employer, the Company and its Subsidiaries and Affiliates for the exclusive purpose of implementing, administering and managing Awardee's participation in the Plan.Awardee understands that the Company and the Employer may hold certain personal information about Awardee, including, but not limited to, Awardee's name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any Shares or directorships held in the Company, details of all Stock Awards or any other entitlement to Shares awarded, canceled, exercised, vested, unvested or outstanding in Awardee's favor, for the exclusive purpose of implementing, administering and managing the Plan.Awardee understands that Data will be transferred to the External Administrator, or such other stock plan service provider as may be selected by the Company in the future, which is assisting the Company with the implementation, administration and management of the Plan. Awardee understands that the recipients of the Data may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than Awardee's country. Awardee understands that if he or she resides outside the United States, he or she may request a list with the names and addresses of any potential recipients of the Data by contacting his or her local human resources representative. Awardee authorizes the Company, the External Administrator and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer the Data, in electronic or other form, for the sole purpose of implementing, administering and managing his or her participation in the Plan. Awardee understands that Data will be held only as long as is necessary to implement, administer and manage Awardee's participation in the Plan. Awardee understands if he or she resides outside the United States, he or she 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 his or her local human resources representative. Further, Awardee understands that he or she is providing the consents herein on a purely voluntary basis. If Awardee does not consent, or if Awardee later seeks to revoke his or her consent, his or her Service and career with the Employer will not be adversely affected; the only consequence of refusing or withdrawing Awardee's consent is that the Company would not be able to grant Awardee the Stock Award or other equity awards or administer or maintain such awards. Therefore, Awardee understands that refusing or withdrawing his or her consent may affect Awardee's ability to participate in the Plan. For more information on the consequences of Awardee's refusal to consent or withdrawal of consent, Awardee understands that he or she may contact his or her local human resources representative.Section 12. No Rights Until Issuance. Awardee shall have no rights hereunder as a shareholder with respect to any Shares subject to this Stock Award until the date that Shares are issued to Awardee. The Administrator in its sole discretion may substitute a cash payment in lieu of Shares, such cash payment to be equal to the Fair Market Value of the Shares on the date that such Shares would have otherwise been issued under the terms of the Award Agreement.Section 13. Administrative Procedures. Awardee agrees to follow the administrative procedures that may be established by the Company and/or its designated broker for participation in the Plan which may include a requirement that the Shares issued upon vesting be held by the Company's designated broker until Awardee disposes of such Shares. Awardee agrees to update the Company with respect to Awardee's home address, contact information and any information necessary for the Company or one of its Affiliates to process any required tax withholding or reporting related to this Stock Award.5Section 14. Governing Law and Venue. This Award Agreement shall be governed by and construed according to the laws of the State of Delaware without regard to its principles of conflicts of laws, as provided in the Plan. Any proceeding arising out of or relating to this Award Agreement or the Plan may be brought only in the state or federal courts located in the Northern District of California where this grant is made and/or to be performed, and the parties to this Award Agreement consent to the exclusive jurisdiction of such courts.Section 15.Â Â Â Â Amendment. This Stock Award may be amended as provided in the Plan.Section 16. Language. If Awardee has received this Award Agreement or any other document related to 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.Section 17. Electronic Delivery. The Company may, in its sole discretion, decide to deliver any documents related to current or future participation in the Plan by electronic means. Awardee 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.Section 18. Severability. The provisions of this Award Agreement are severable and if any one or more provisions are determined to be illegal or otherwise unenforceable, in whole or in part, the remaining provisions shall nevertheless be binding and enforceable.Section 19. Appendix A. Notwithstanding any provisions in this Award Agreement, the Stock Award grant shall be subject to any special terms and conditions set forth in Appendix A to this Award Agreement for Awardee's country. Moreover, if Awardee relocates to one of the countries included in Appendix A, the special terms and conditions for such country will apply to Awardee, to the extent the Company determines that the application of such terms and conditions is necessary or advisable for legal or administrative reasons. Appendix A constitutes part of this Award Agreement.Section 20. Imposition of Other Requirements. The Company reserves the right to impose other requirements on Awardee's participation in the Plan, on the Stock Award 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 Awardee to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing.Section 21. Non-U.S. Insider Trading Restrictions/Market Abuse Laws. Awardee acknowledges that, depending on his or her country of residence, Awardee 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 (e.g., Stock Awards) under the Plan during such times as Awardee is considered to have "inside information" regarding the Company (as defined by any applicable laws in Awardee's 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. Awardee is responsible for ensuring compliance with any applicable restrictions and is encouraged to consult his or her personal legal advisor on this matter.Section 22. Waiver. Awardee acknowledges that a waiver by the Company of breach of any provision of this Award Agreement shall not operate or be construed as a waiver of any other provision of this Award Agreement, or of any subsequent breach by Awardee or any other Awardee.Section 23. Section 409A of the Code. This Stock Award, which is intended to be exempt from Section 409A of the Code under the "short-term deferral" exception, shall be administered, interpreted, and construed in a manner that does not result in the imposition on Awardee of any additional tax, penalty, or interest under Section 409A of the Code. The preceding provision, however, shall not be construed as a guarantee of any particular tax effect and the Company shall not be liable to Awardee if any payment made under this Stock Award is determined to result in an additional tax, penalty, or interest under Section 409A of the Code, nor for reporting in good faith any payment made under any Award as an amount includible in gross income under Section 409A of the Code.6Section 24. Recoupment. This Stock Award is subject to the terms of the Keysight Technologies Compensation Recovery Policy as in effect from time to time (the "Policy"), if and to the extent that the Policy by its terms applies to the Stock Award and Awardee; and the terms of the Policy are incorporated by reference herein and made a part hereof.Section 25. Entire Agreement. The Plan is incorporated herein by reference. The Plan and this Award Agreement (including the Appendices attached hereto) constitute the entire agreement of the parties with respect to the subject matter hereof and supersede in their entirety all prior undertakings and agreements of the Company and Awardee with respect to the subject matter hereof, and may not be modified adversely to Awardee's interest except by means of a writing signed by the Company and Awardee, unless such modification is deemed necessary by the Administrator in order to comply with Applicable Laws.Section 26. Acceptance and Rejection. The method for acceptance of this Award will vary in accordance with local law. Depending upon the country in which Awardee works, he or she will either have to use the electronic process set forth on the External Administrator's website and/or sign a hard-copy of the Award Agreement and then return it to the Keysight Shareholder Records Department. Further, by accepting the grant of this Stock Award, the Awardee agrees that this Stock Award is granted under and governed by the terms and conditions of the Plan and this Award Agreement (including its Appendices), and Awardee acknowledges that he or she agrees to accept as binding, conclusive and final all decisions or interpretations of the Company upon any questions relating to the Plan and Award Agreement.KEYSIGHT TECHNOLOGIES, INC.Â By:Â Name:Title:PRINT AND KEEP A COPY FOR YOUR RECORDS7APPENDIX AKEYSIGHT TECHNOLOGIES, INC.2014 Equity and Incentive Compensation Plan Global Performance Award8COUNTRY-SPECIFIC TERMS AND CONDITIONSAll capitalized terms used in this Appendix A that are not defined herein have the meanings defined in the Plan or the Award Agreement (the "Award Agreement"). This Appendix A constitutes part of the Award Agreement.This Appendix A includes additional or different terms and conditions that govern the Stock Award if Awardee works or resides in one of the countries listed below. In the event of any conflict or inconsistency between the terms of this Appendix A and the Award Agreement, the terms of this Appendix A shall govern.Awardee understands that if Awardee is a citizen or resident of a country other than the one in which he or she is currently working, transfers Service and/or residency after the Grant Date or is considered a resident of another country for local law purposes, the Company shall, in its discretion, determine to what extent the terms and conditions contained herein shall apply to Awardee.CHINAThese provisions apply only to Awardees who are Peopleâ€™s Republic of China (â€œPRCâ€) nationals, unless otherwise determined by the Company or required by the State Administration of Foreign Exchange (â€œSAFEâ€).Vesting Period. This provision supplements Sections 2 and 3 of the Award Agreement:Notwithstanding anything to the contrary in the Award Agreement, the Stock Award shall not vest and no Shares shall be issued to Awardee unless and until all necessary exchange control or other approvals with respect to the Stock Award under the Plan have been obtained from SAFE. In the event that approval from SAFE ("SAFE Approval") has not been obtained prior to the Payment Date, the Stock Award will not vest until such SAFE Approval is obtained (the "Actual Vesting Date"). If Awardee's Termination Date occurs prior to the Actual Vesting Date, Awardee shall not be entitled to vest in any portion of the Stock Award and the Stock Award shall be forfeited without any liability to the Company or its Subsidiaries or Affiliates.Exchange Control Restrictions. Awardee understands and agrees that he or she will be required to immediately repatriate to China the proceeds from the sale of any Shares acquired under the Plan or from any cash dividends paid on such Shares. Awardee further understands that such repatriation of the proceeds will need to be effected through a special exchange control account established by the Company or an Affiliate or Subsidiary, and Awardee hereby consents and agrees that the proceeds may be transferred to such account by the Company (or its designated broker) on Awardee's behalf prior to being delivered to Awardee. Awardee also agrees to sign any agreements, forms and/or consents that may be reasonably requested by the Company (or the External Administrator) to effectuate such transfers.The proceeds may be paid to Awardee in U.S. Dollars or local currency at the Company's discretion. If the proceeds are paid to Awardee in U.S. Dollars, Awardee understands that he or she will be required to set up a U.S. Dollar bank account in China so that the proceeds may be deposited into this account. If the proceeds are paid to Awardee in local currency, (1) Awardee acknowledges that the Company is under no obligation to secure any particular currency conversion rate and that the Company may face delays in converting the proceeds to local currency due to exchange control restrictions, and (2) Awardee agrees to bear any currency fluctuation risk between the time the Shares are sold or dividends are paid and the time the proceeds are converted to local currency and distributed to Awardee. Awardee agrees to comply with any other requirements that may be imposed by the Company in the future in order to facilitate compliance with exchange control requirements in China.9Termination of Service. Notwithstanding anything to the

contrary in the Plan or the Award Agreement, due to PRC exchange control restrictions, Awardee agrees that, to the extent that Awardee holds any Shares on the date that is ninety (90) calendar days after Awardee's Termination Date (or such other period as may be required by SAFE), Awardee authorizes the Company's designated broker to sell such Shares on Awardee's behalf at that time or as soon as is administratively practical thereafter. Awardee further agrees that the Company is authorized to instruct its designated broker to assist with the mandatory sale of the Shares (on Awardee's behalf pursuant to this authorization), and Awardee expressly authorizes such broker to complete the sale of such Shares. Awardee acknowledges that the Company's designated broker is under no obligation to arrange for the sale of Shares at any particular price. Upon the sale of the Shares, the Company agrees to pay the cash proceeds from the sale, less any brokerage fees or commissions, to Awardee in accordance with applicable exchange control laws and regulations and provided any liability for Tax-Related Items has been satisfied.FRANCEFrench-Qualified Stock Award. This Stock Award is intended to qualify for specific tax and social security treatment in France under Section L. 225-197-1 to L. 225-197-6-1 of the French Commercial Code, as amended (a "French-qualified" Stock Award). Certain events may affect the status of the Stock Award as French-qualified and the Stock Award may be disqualified in the future. The Company does not make any undertaking or representation to maintain the qualified status of the Stock Award. If the Stock Award no longer qualifies as a French-qualified Stock Award, the specific tax and social security treatment will not apply, and Awardee will be required to pay his or her portion of social security contributions resulting from the Stock Award (as well as any income tax that is due).Plan and Sub-Plan Terms. The Stock Award is subject to the terms and conditions of the Plan and the Rules of the Keysight Technologies, Inc. 2014 Equity and Incentive Compensation Plan for Restricted Stock Units Granted to Employees in France (the "French RSU Sub-plan"). To the extent that any term is defined in both the Plan and the French RSU Sub-plan, for purposes of this grant of a French-qualified Stock Award, the definitions in the French RSU Sub-plan shall prevail.Vesting Period. Notwithstanding anything to the contrary in the Plan or the Award Agreement, except in the event of Awardee's death or termination of Service due to Disability (as defined in the French RSU Sub-Plan), the Stock Award shall not vest and Shares shall not be issued to Awardee prior to the second anniversary of the Grant Date referenced in Section 1 of the Award Agreement. Should the Payment Date under Section 3 of the Award Agreement occur prior to the second anniversary of the Grant Date, the Payment Date for this French-qualified Stock Award shall be on the second anniversary of the Grant Date and the Stock Award shall not vest prior to such date.Settlement in Shares. Notwithstanding any discretion in the Plan or the Award Agreement to settle the Stock Award in cash, the French-qualified Stock Award will be settled in Shares only. The Stock Award does not provide any right for Awardee to receive a cash payment.Termination of Service Due to Death. This provision replaces in its entirety the portion of Section 5(b) of the Award Agreement relating to Awardee's Death:Death. In the event of Awardee's death prior to the date the Committee has certified in writing that the Performance Goals have been achieved or exceeded (the "Certification Date"), the Awardee's Target Award shall become fully transferable to Awardee's heirs. In the event of Awardee's death on or after the Certification Date, the specified percentage of the Target Award determined to have been achieved by the Committee shall become fully transferable to Awardee's heirs. In either case, Awardee's heirs may request issuance of the underlying Shares within six (6) months of Awardee's death. If Awardee's heirs do not request the issuance of the underlying Shares within six (6) months of Awardee's death, the Stock Award will be forfeited.10Restrictions on Sale of Shares of Common Stock. Awardee may not sell or transfer the Shares issued pursuant to the Stock Award prior to the second anniversary of the Payment Date or such other period as is required to comply with the minimum mandatory holding period applicable to Shares underlying French-qualified awards under Section L. 225-197-1 of the French Commercial Code, the French Tax Code or the French Social Security Code, as amended. Notwithstanding the above, Awardee's heirs, in case of Awardee's death, or Awardee in case of Awardee's Disability (as defined under the French RSU Sub-plan), are not subject to this restriction on the sale of Shares.If Awardee qualifies as a managing director of the Company under French law ("mandataires sociaux" i.e., PrÃ©sident du Conseil d'Administration, Directeur GÃ©nÃ©ral, Directeur GÃ©nÃ©ral DÃ©lÃ©guÃ©, Membre du Directoire, GÃ©rant de SociÃ©tÃ©s par actions), Awardee is required to hold 20% of the Shares issued upon the Payment Date in a nominative account under procedures implemented by the Company and is not permitted to sell or transfer the Shares until he or she ceases to serve as a managing director, as long as this restriction is a requirement under French law and unless law or regulations provide for a lower percentage (in which case these requirements apply to the lower percentage of Shares required to be held).Any Shares acquired upon vesting of the Stock Award may not be sold during certain Closed Periods as provided for and defined by Section L. 225-197-1 of the French Commercial Code, as amended, and by the French RSU Sub-Plan, for so long as and to the extent that the Closed Periods are applicable to Shares underlying French-qualified Stock Awards granted by the Company. Under current law, such Closed Periods include: (1) ten (10) trading days preceding and three (3) trading days following the disclosure to the public of the consolidated financial statements or the annual statements of the Company; and (2) the period as from the date that information has been disclosed to the Company's corporate management (such as the Board) which could, if disclosed to the public, significantly impact the trading price of the Shares, until ten (10) trading days after the date such information is publicly disclosed.Consent to Receive Information in English. By accepting the Stock Award, Awardee confirms having read and understood the documents related to the Stock Award (the Plan and the Award Agreement) which were provided in the English language. Awardee accepts the terms of these documents accordingly.Consentement Relatif Ã l'Utilisation de lâ€™Anglais. En acceptant l'Attribution (Â« Stock Award Â»), le BÃ©nÃ©ficiaire confirme avoir lu et compris les documents relatifs Ã lâ€™Attribution (le Plan (Â« Keysight Technologies, Inc. 2014 Equity and Incentive Compensation Plan Â») et le Contrat d'Attribution) qui ont Ã©tÃ© remis en anglais. Le BÃ©nÃ©ficiaire accepte les termes de ces documents en connaissance de cause.GERMANYThere are currently no country-specific provisions.JAPANThere are currently no country-specific provisions.11MALAYSIAData Privacy. This provision replaces Section 11 of the Award Agreement in its entirety.Awardee hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of his or her personal data as described in this Award Agreement, including any country-specific Appendix attached hereto, and any other Plan participation materials by and among, as applicable, the Employer, the Company and its Subsidiaries and Affiliates or any third parties authorized by the same for the exclusive purpose of implementing, administering and managing Awardee's participation in the Plan.Awardee may have previously provided the Company and the Employer with, and the Company and the Employer may hold certain personal information about Awardee, including, but not limited to, Awardee's name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any Shares or directorships held in the Company, details of all Stock Awards or any other entitlement to Shares awarded, cancelled, exercised, vested, unvested or outstanding in Awardee's favor ("Data"), for the exclusive purpose of implementing, administering and managing the Plan.Awardee understands that Data will be transferred to the External Administrator orPenerima Anugerah dengan ini secara eksplicit dan tanpa sebarang keraguan mengizinkan pengumpulan, penggunaan dan pemindahan, dalam bentuk elektronik atau lain-lain, data peribadinya seperti yang dinyatakan dalam Perjanjian Penganugerahan ini, termasuklah apa-apa Lampiran khusus bagi negara yang dilampirkan di sini, dan apa-apa bahan penyertaan Pelan oleh dan di antara, sebagaimana yang berkenaan, Majikan, Syarikat dan Anak Syarikatnya dan Syarikat Sekutu atau mana-mana pihak ketiga yang diberi kuasa oleh yang sama untuk tujuan ekslusif untuk pelaksanaan, pentadbiran dan pengurusan penyertaan Penerima Anugerah dalam Pelan tersebut. Sebelum ini, Penerima Anugerah mungkin telah membekalkan Syarikat dan Majikan dengan, dan Syarikat dan Majikan mungkin memegang, maklumat peribadi tertentu tentang Penerima Anugerah, termasuk, tetapi tidak terhad kepada, namanya, alamat rumah dan nombor telefon, tarikh lahir, nombor insurans sosial atau nombor pengenalan lain, gaji, kewarganegaraan, jawatan, apa-apa saham atau jawatan pengarah yang dipegang dalam Syarikat, butir-butir semua Anugerah Saham atau apa-apa hak lain untuk Saham yang dianugerahkan, dibatalkan, dilaksanakan, terletak hak, tidak diletak hak ataupun bagi faedah Penerima Anugerah (â€œDataâ€), untuk tujuan yang eksklusif bagi melaksanakan, mentadbir dan menguruskan Pelan tersebut.Penerima Anugerah memahami bahawa Data12such other stock plan service provider as may be selected by the Company in the future, which is assisting the Company with the implementation, administration and management of the Plan and that Data may be transferred to certain other third parties assisting the Company with the implementation, administration and management of the Plan, including any requisite transfer of such Data as may be required to a broker or third party with whom Awardee may elect to deposit any Shares acquired pursuant to Awardee's participation in the Plan. Awardee understands that these recipients may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than Awardee's country. Awardee understands that Awardee may request a list with the names and addresses of any potential recipients of the Data by contacting Awardee's local human resources representative. Awardee authorizes the Company, the External Administrator and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer the Data, in electronic or other form, for the sole purpose of implementing, administering and managing Awardee's participation in the Plan.Awardee understands that Data will be held only as long as is necessary to implement, administer and manage Awardee's participation in the Plan. Awardee understands that Awardee 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 his or her local human resources representative. Further, Awardee understands that Awardee is providing the consents herein on a purely voluntary basis.If Awardee does not consent, or if Awardee later seeks to revoke his or her consent,akan dipindahkan kepada Pentadbir Luar atau pembekal perkhidmatan pelan saham lain yang mungkin dipilih oleh Syarikat pada masa depan, yang membantu Syarikat dalam melaksanakan, mentadbir dan menguruskan Pelan tersebut, dan Data mungkin boleh dipindahkan kepada pihak ketiga lain yang tertentu yang membantu Syarikat dengan pelaksanaan, pentadbiran, dan pengurusan Pelan, termasuklah apa-apa pemindahan yang diperlukan untuk Data yang diwajibkan kepada broker atau pihak ketiga dengan sesiapa yang Penerima Anugerah pilih untuk mendepositkan Saham yang diperolehi melalui penyertaan Penerima Anugerah dalam Pelan. Penerima Anugerah mengakui bahawa penerima-penerima ini mungkin berada di Amerika Syarikat atau di tempat lain, dan bahawa negara penerima (contohnya, Amerika Syarikat) mungkin mempunyai undang-undang privasi data dan perlindungan yang berbeza daripada negara Penerima Anugerah. Penerima Anugerah memahami bahawa Penerima Anugerah boleh meminta senarai dengan nama dan alamat mana-mana penerima Data dengan menghubungi wakil sumber manusia tempatannya. Penerima Anugerah memberi kuasa kepada Syarikat, Pentadbir Luar dan mana-mana penerima lain yang mungkin membantu Syarikat (masa sekarang atau pada masa depan) untuk melaksanakan, mentadbir dan menguruskan Pelan tersebut untuk menerima, memiliki, menggunakan, mengekalkan dan memindahkan Data, dalam bentuk elektronik atau lain-lain, semata-mata dengan tujuan untuk melaksanakan, mentadbir dan menguruskan penyertaannya dalam Pelan tersebut. Penerima Anugerah faham bahawa Data akan dipegang hanya untuk tempoh yang diperlukan untuk melaksanakan, mentadbir dan menguruskan penyertaannya dalam Pelan tersebut. Penerima Anugerah memahami bahawa Penerumna Anugerah boleh, pada bila-bila masa, melihat data, meminta maklumat tambahan mengenai penyimpanan dan pemprosesan Data, meminta bahawa pindaan-pindaan dilaksanakan ke atas Data atau menolak atau menarik balik persetujuan dalam ini, dalam mana-mana kes, tanpa kos, dengan menghubungi secara bertuliswakil sumber manusia tempatannya. Selanjutnya,13Awardee's employment status or Service and career with the Employer will not be adversely affected; the only consequence of refusing or withdrawing Awardee's consent is that the Company would not be able to grant Awardee Stock Awards or other equity awards or administer or maintain such awards. Therefore, Awardee understands that refusing or withdrawing his or her consent may affect Awardee's ability to participate in the Plan. For more information on the consequences of Awardee's refusal to consent or withdrawal of consent, Awardee understands that Awardee may contact his or her local human resources representative.Penerima Anugerah memahami bahawa dia memberikan persetujuan di sini secara sukarela. Jika Penerima Anugerah tidak bersetuju, atau jika Penerima Anugerah kemudian membatalkan persetujuannya, status pekerjaan atau perkhidmatan dan kerjayanya dengan Majikan tidak akan terjejas; satunya akibat buruk jika dia tidak bersetuju atau menarik balik persetujuannya adalah bahawa Syarikat tidak akan dapat memberikan Anugerah-anugerah Saham atau anugerah ekuiti lain kepada Penerima Anugerah atau mentadbir atau mengekalkan anugerah tersebut. Oleh itu, Penerima Anugerah memahami bahawa keengganan atau penarikan balik persetujuannya boleh menjejaskan keupayaannya untuk mengambil bahagian dalam Pelan tersebut.Untuk maklumat lanjut mengenai akibat keengganan Penerima Anugerah untuk memberikan keizinan atau penarikan balik keizinan, Penerima Anugerah memahami bahawa Penerima Anugerah boleh menghubungi wakil sumber manusia tempatannya.SINGAPORESecurities Law Acknowledgment. Awardee understands that the Stock Award is granted pursuant to the "Qualifying Person" exemption under section 273(1)(f) of the Securities and Futures Act (Chapter 289, 2006 Ed.) ("SFA") and is not made with a view to the Shares being subsequently offered for sale to any other party. The Plan has not been lodged or registered as a prospectus with the Monetary Authority of Singapore. Awardee acknowledges that the Stock Award is subject to section 257 of the SFA and Awardee will not be able to make (1) any subsequent sale of the Shares in Singapore or (2) any offer of such subsequent sale of the Shares in Singapore, unless such sale or offer is made pursuant to the exemptions under Part XIII Division 1 Subdivision (4) (other than section 280) of the SFA.Director Notification Requirement. If Awardee is a director, associate director or shadow director of a Singaporean Affiliate or Subsidiary, Awardee acknowledges that he or she is subject to certain notification requirements under the Singapore Companies Act. In particular, Awardee must notify the Singaporean Affiliate or Subsidiary in writing of an interest (e.g., Stock Award, Shares, etc.) in the Company or any related companies within two (2) business days of (a) its acquisition or disposal,(b) any change in a previously disclosed interest (e.g., when the Shares are sold), or (c) becoming a director (if such an interest exists at the time).UNITED STATESThere are currently no country-specific provisions.14APPENDIX B[Performance Goal/Criteria details to be inserted - tailored for regular executives versus new executives]15 EX-31.1 5 keys-07312024xex311.htm EX-31.1 DocumentExhibitÂ 31.1Â CERTIFICATION PURSUANT TO SECTIONÂ 302 OF THE SARBANES-OXLEY ACT OFÂ 2002Â I, Satish Dhanasekaran, certify that:1.I have reviewed this FormÂ 10-Q of Keysight Technologies,Â Inc. ("the Registrant");Â 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;Â 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;Â 4.The Registrant's other certifying

officer(s) 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:Â (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 Registrant'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; andÂ (d)Disclosed in this report any change in the Registrant's internal control over financial reporting that occurred during the Registrant's most recent fiscal quarter (the Registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Registrant's internal control over financial reporting; andÂ 5.The Registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Registrant's auditors and the audit committee of the Registrant's board of directors (or persons performing the equivalent functions):Â (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 Registrant's ability to record, process, summarize and report financial information; andÂ (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the Registrant's internal control over financial reporting.Â Â Date:August 29, 2024Â Â /s/ Satish DhanasekaranÂ Satish DhanasekaranÂ President and Chief Executive OfficerÂ EX-31.2 6 keys-07312024xex312.htm EX-31.2 DocumentExhibitÂ 31.2Â CERTIFICATION PURSUANT TO SECTIONÂ 302 OF THE SARBANES-OXLEY ACT OFÂ 2002Â I, Neil Dougherty, certify that:1.I have reviewed this FormÂ 10-Q of Keysight Technologies,Â Inc. ("the Registrant");Â 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;Â 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;Â 4.The Registrant's other certifying officer(s) 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:Â (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 Registrant'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; andÂ (d)Disclosed in this report any change in the Registrant's internal control over financial reporting that occurred during the Registrant's most recent fiscal quarter (the Registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Registrant's internal control over financial reporting; andÂ 5.The Registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Registrant's auditors and the audit committee of the Registrant's board of directors (or persons performing the equivalent functions):Â (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 Registrant's ability to record, process, summarize and report financial information; andÂ (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the Registrant's internal control over financial reporting.Â Date:August 29, 2024Â Â /s/ Neil DoughertyÂ Neil DoughertyÂ Executive Vice President and Chief Financial OfficerÂ EX-32.1 7 keys-07312024xex321.htm EX-32.1 DocumentExhibitÂ 32.1CERTIFICATION PURSUANT TO 18 U.S.C. SECTIONÂ 1350, AS ADOPTED PURSUANT TO SECTIONÂ 906 OF THE SARBANES-OXLEY ACT OFÂ 2002Â In connection with the Quarterly Report of Keysight Technologies,Â Inc. (the "Company") on FormÂ 10-Q for the period ended July 31, 2024, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Satish Dhanasekaran, certify, pursuant to 18 U.S.C. SectionÂ 1350, as adopted pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002, that:(1)The Report fully complies with the requirements of SectionÂ 13(a) or 15(d) of the Securities Exchange Act of 1934; andÂ (2)The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Â A signed original of this written statement required by SectionÂ 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.Â Â Date:August 29, 2024/s/ Satish DhanasekaranÂ Satish DhanasekaranÂ President and Chief Executive OfficerÂ EX-32.2 8 keys-07312024xex322.htm EX-32.2 DocumentExhibitÂ 32.2Â CERTIFICATION PURSUANT TO 18 U.S.C. SECTIONÂ 1350, AS ADOPTED PURSUANT TO SECTIONÂ 906 OF THE SARBANES-OXLEY ACT OFÂ 2002Â Â Â Â Â Â Â Â Â In connection with the Quarterly Report of Keysight Technologies,Â Inc. (the "Company") on FormÂ 10-Q for the period ended July 31, 2024, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Neil Dougherty, certify, pursuant to 18 U.S.C. SectionÂ 1350, as adopted pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002, that:(1)The Report fully complies with the requirements of SectionÂ 13(a) or 15(d) of the Securities Exchange Act of 1934; andÂ (2)The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Â A signed original of this written statement required by SectionÂ 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.Â Â Date:August 29, 2024/s/ Neil DoughertyÂ Neil DoughertyÂ Executive Vice President and Chief Financial OfficerÂ EX-101.SCH 9 keys-20240731.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 0000001 - Document - Cover Page link:presentationLink link:calculationLink link:definitionLink 9952151 - Statement - CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS (Unaudited) link:presentationLink link:calculationLink link:definitionLink 9952152 - Statement - CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) link:presentationLink link:calculationLink link:definitionLink 9952153 - Statement - CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) link:presentationLink link:calculationLink link:definitionLink 9952155 - Statement - CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952156 - Statement - CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (Unaudited) link:presentationLink link:calculationLink link:definitionLink 9952157 - Statement - CONDENSED CONSOLIDATED STATEMENT OF EQUITY Statement link:presentationLink link:calculationLink link:definitionLink 9952158 - Disclosure - OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES link:presentationLink link:calculationLink link:definitionLink 9952159 - Disclosure - ACQUISITIONS link:presentationLink link:calculationLink link:definitionLink 9952160 - Disclosure - REVENUE (Notes) link:presentationLink link:calculationLink link:definitionLink 9952161 - Disclosure - SHARE-BASED COMPENSATION link:presentationLink link:calculationLink link:definitionLink 9952162 - Disclosure - INCOME TAXES link:presentationLink link:calculationLink link:definitionLink 9952163 - Disclosure - NET INCOME PER SHARE link:presentationLink link:calculationLink link:definitionLink 9952164 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS link:presentationLink link:calculationLink link:definitionLink 9952165 - Disclosure - FAIR VALUE MEASUREMENTS link:presentationLink link:calculationLink link:definitionLink 9952166 - Disclosure - DERIVATIVES link:presentationLink link:calculationLink link:definitionLink 9952167 - Disclosure - DEBT link:presentationLink link:calculationLink link:definitionLink 9952168 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS link:presentationLink link:calculationLink link:definitionLink 9952169 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION (Notes) link:presentationLink link:calculationLink link:definitionLink 9952170 - Disclosure - COMMITMENTS AND CONTINGENCIES link:presentationLink link:calculationLink link:definitionLink 9952171 - Disclosure - STOCKHOLDERS' EQUITY link:presentationLink link:calculationLink link:definitionLink 9952172 - Disclosure - SEGMENT INFORMATION link:presentationLink link:calculationLink link:definitionLink 9954471 - Disclosure - ACQUISITIONS (Tables) link:presentationLink link:calculationLink link:definitionLink 9954472 - Disclosure - REVENUE (Tables) link:presentationLink link:calculationLink link:definitionLink 9954473 - Disclosure - SHARE-BASED COMPENSATION (Tables) link:presentationLink link:calculationLink link:definitionLink 9954474 - Disclosure - Income Taxes (Tables) link:presentationLink link:calculationLink link:definitionLink 9954475 - Disclosure - NET INCOME PER SHARE (Tables) link:presentationLink link:calculationLink link:definitionLink 9954476 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Tables) link:presentationLink link:calculationLink link:definitionLink 9954477 - Disclosure - FAIR VALUE MEASUREMENTS (Tables) link:presentationLink link:calculationLink link:definitionLink 9954478 - Disclosure - DERIVATIVES (Tables) link:presentationLink link:calculationLink link:definitionLink 9954479 - Disclosure - DEBT (Tables) link:presentationLink link:calculationLink link:definitionLink 9954480 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Tables) link:presentationLink link:calculationLink link:definitionLink 9954481 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION (Tables) link:presentationLink link:calculationLink link:definitionLink 9954482 - Disclosure - STOCKHOLDERS' EQUITY (Tables) link:presentationLink link:calculationLink link:definitionLink 9954483 - Disclosure - SEGMENT INFORMATION (Tables) link:presentationLink link:calculationLink link:definitionLink 9954484 - Disclosure - OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Details) link:presentationLink link:calculationLink link:definitionLink 9954485 - Disclosure - ACQUISITIONS OF ESI (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9954486 - Disclosure - ACQUISITIONS (Allocation of Purchase Price) (Details) link:presentationLink link:calculationLink link:definitionLink 9954487 - Disclosure - ACQUISITIONS (Intangible Assets Acquired) (Details) link:presentationLink link:calculationLink link:definitionLink 9954488 - Disclosure - ACQUISITIONS (Pro Forma Information) (Details) link:presentationLink link:calculationLink link:definitionLink 9954489 - Disclosure - ACQUISITION OF RISCURE (Details) link:presentationLink link:calculationLink link:definitionLink 9954490 - Disclosure - ACQUISITIONS OF ANAPICO (Details) link:presentationLink link:calculationLink link:definitionLink 9954491 - Disclosure - REVENUE (Details) link:presentationLink link:calculationLink link:definitionLink 9954492 - Disclosure - REVENUE Contract Assets (Details) link:presentationLink link:calculationLink link:definitionLink 9954493 - Disclosure - REVENUE Capitalized Contractual Cost (Details) link:presentationLink link:calculationLink link:definitionLink 9954494 - Disclosure - REVENUE CONTRACT LIABILITIES ROLL FORWARD (Details) link:presentationLink link:calculationLink link:definitionLink 9954495 - Disclosure - REVENUE Remaining performance obligations (Details) link:presentationLink link:calculationLink link:definitionLink 9954495 - Disclosure - REVENUE Remaining performance obligations (Details) link:presentationLink link:calculationLink link:definitionLink 9954496 - Disclosure - SHARE-BASED COMPENSATION (Allocation of period costs) (Details) link:presentationLink link:calculationLink link:definitionLink 9954497 - Disclosure - SHARE-BASED COMPENSATION SHARE-BASED COMPENSATION (Textuals) (Details) link:presentationLink link:calculationLink link:definitionLink 9954498 - Disclosure - INCOME TAXES (Details) link:presentationLink link:calculationLink link:definitionLink 9954499 - Disclosure - INCOME TAXES INCOME TAXES (Tax incentives) (Details) link:presentationLink link:calculationLink link:definitionLink 9954500 - Disclosure - INCOME TAXES INCOME TAXES (Income tax examination) (Details) link:presentationLink link:calculationLink link:definitionLink 9954501 - Disclosure - NET INCOME PER SHARE NET INCOME PER SHARE (Computation) (Details) link:presentationLink link:calculationLink link:definitionLink 9954502 - Disclosure - NET INCOME PER SHARE (Narratives) (Details) link:presentationLink link:calculationLink link:definitionLink 9954503 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Goodwill Roll forward) (Details) link:presentationLink link:calculationLink link:definitionLink 9954504 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS IMPAIRMENT (Details) link:presentationLink link:calculationLink link:definitionLink 9954505 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Disclosures and Components of Purchased Other Intangibles) (Details) link:presentationLink link:calculationLink link:definitionLink 9954506 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Acquisition Narratives) (Details) link:presentationLink link:calculationLink link:definitionLink 9954507 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Intangible assets narratives) (Details) link:presentationLink link:calculationLink link:definitionLink 9954508 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Finite-Lived Assets Future Amortization Expense) (Details) link:presentationLink link:calculationLink link:definitionLink 9954509 - Disclosure - FAIR VALUE MEASUREMENTS (Fair value of assets and liabilities measured on a recurring basis) (Details) link:presentationLink link:calculationLink link:definitionLink 9954510 - Disclosure - FAIR VALUE MEASUREMENTS FAIR VALUE MEASUREMENTS (Net recognized gains losses on equity securities) (Details) link:presentationLink link:calculationLink link:definitionLink 9954511 - Disclosure - DERIVATIVES Derivative, interest rate swaps (Details) link:presentationLink link:calculationLink link:definitionLink 9954512 - Disclosure - DERIVATIVES Termination IRS (Details) link:presentationLink link:calculationLink link:definitionLink 9954513 - Disclosure - DERIVATIVES ACQUISITION (Details) link:presentationLink link:calculationLink link:definitionLink 9954514 - Disclosure - DERIVATIVES, Disclosures and derivative instrument aggregated notional amounts by currency and designations (Details) link:presentationLink link:calculationLink link:definitionLink 9954514 - Disclosure - DERIVATIVES, Disclosures and derivative instrument aggregated notional amounts by currency and designations (Details) link:presentationLink link:calculationLink link:definitionLink 9954515 - Disclosure - DERIVATIVES, Fair value of derivative instruments and Consolidated Balance Sheet location (Details) link:presentationLink link:calculationLink link:definitionLink 9954516 - Disclosure - DERIVATIVES, Effect of derivative instruments on Consolidated Statement of Operations (Details)

link:presentationLink link:calculationLink link:definitionLink 9954517 - Disclosure - DEBT Summary of Long Term Debt incl. unamortized cost (Details) link:presentationLink link:calculationLink link:definitionLink 9954518 - Disclosure - DEBT (Short-Term Debt - Revolving Credit Facility) (Details) link:presentationLink link:calculationLink link:definitionLink 9954519 - Disclosure - DEBT ESI assumed (Details) link:presentationLink link:calculationLink link:definitionLink 9954520 - Disclosure - DEBT letter of credits (Details) link:presentationLink link:calculationLink link:definitionLink 9954521 - Disclosure - DEBT FAIR VALUE (Details) link:presentationLink link:calculationLink link:definitionLink 9954522 - Disclosure - DEBT Bridge Loan Facility (Details) link:presentationLink link:calculationLink link:definitionLink 9954523 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Net Pension and post-retirement benefit cost(benefit) components) (Details) link:presentationLink link:calculationLink link:definitionLink 9954524 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Contributions) (Details) link:presentationLink link:calculationLink link:definitionLink 9954525 - Disclosure - SUPPLEMENTAL CASH FLOW INFORMATION (Cash, cash equivalents an restricted cash reconciliation) (Details) link:presentationLink link:calculationLink link:definitionLink 9954526 - Disclosure - INVENTORY (Details) link:presentationLink link:calculationLink link:definitionLink 9954527 - Disclosure - Lease (Details) link:presentationLink link:calculationLink link:definitionLink 9954528 - Disclosure - WARRANTIES (Details) link:presentationLink link:calculationLink link:definitionLink 9954529 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION - Other assets (Details) link:presentationLink link:calculationLink link:definitionLink 9954530 - Disclosure - COMMITMENTS AND CONTINGENCIES (Details) link:presentationLink link:calculationLink link:definitionLink 9954531 - Disclosure - STOCKHOLDERS' EQUITY (Stock Repurchase Program) (Details) link:presentationLink link:calculationLink link:definitionLink 9954532 - Disclosure - STOCKHOLDER'S EQUITY - Accumulated Other Comprehensive Income (Details) link:presentationLink link:calculationLink link:definitionLink 9954533 - Disclosure - STOCKHOLDERS' EQUITY - Reclassifications out of accumulated comprehensive income (Details) link:presentationLink link:calculationLink link:definitionLink 9954534 - Disclosure - SEGMENT INFORMATION Profitability (Details) link:presentationLink link:calculationLink link:definitionLink 9954535 - Disclosure - SEGMENT INFORMATION Reconciliation of Reportable Results (Details) link:presentationLink link:calculationLink link:definitionLink 9954536 - Disclosure - SEGMENT INFORMATION ASSETS (Details) link:presentationLink link:calculationLink link:definitionLink 9954537 - Disclosure - SEGMENT INFORMATION ASSETS RECON (Details) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 10 keys-20240731_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 11 keys-20240731_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 12 keys-20240731_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Reclassification [Line Items] Reclassification [Line Items] Adjustments to reconcile net income to net cash provided by operating activities: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Condensed Balance Sheet Statements, Captions [Line Items] Condensed Balance Sheet Statements, Captions [Line Items] Goodwill Goodwill, Acquired During Period Finite-Lived Intangible Assets, Net, Amortization Expense, Fiscal Year Maturity [Abstract] Finite-Lived Intangible Assets, Net, Amortization Expense, Fiscal Year Maturity [Abstract] Prepaid assets Increase (Decrease) in Prepaid Expense Contract with Customer, Asset, after Allowance for Credit Loss, Current Contract with Customer, Asset, after Allowance for Credit Loss, Current Lease, Cost [Table Text Block] Lease, Cost [Table Text Block] Cover [Abstract] Net increase (decrease) in cash, cash equivalents, and restricted cash Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Communications Solutions Group Communications Solutions Group [Member] Communications Solutions Group [Member] In Process Research and Development In Process Research and Development [Member] Foreign Plan Foreign Plan [Member] Other accrued liabilities Other Liabilities, Current Income Tax Authority [Domain] Income Tax Jurisdiction [Domain] Business Acquisition, Percentage of Voting Interests Acquired Business Acquisition, Percentage of Voting Interests Acquired Trading Symbol Trading Symbol Accruals for warranties due within one year Standard Product Warranty Accrual, Current Segment Reporting Information [Line Items] Segment Reporting Information [Line Items] All Trading Arrangements All Trading Arrangements [Member] Compensation Actually Paid vs. Net Income Compensation Actually Paid vs. Net Income [Text Block] Total derivatives Asset Derivative Asset, Subject to Master Netting Arrangement, before Offset Non-NEOs Non-NEOs [Member] Reconciliation of the numerators and denominators of the basic and diluted net income per share Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Rule 10b5-1 Arrangement Adopted Rule 10b5-1 Arrangement Adopted [Flag] Awards Close in Time to MNPI Disclosures Awards Close in Time to MNPI Disclosures [Table] Debt Instrument, Covenant Compliance Debt Instrument, Covenant Compliance Derivative [Line Items] Derivative [Line Items] Income tax paid, net Income Taxes Paid, Net Goodwill, Measurement Period Adjustment Goodwill, Measurement Period Adjustment Position [Axis] Position [Axis] Equity Method Investments Equity Method Investments Pay vs Performance Disclosure [Line Items] Line of Credit Facility [Table] Line of Credit Facility [Table] Peer Group Total Shareholder Return Amount Peer Group Total Shareholder Return Amount Income Tax Examination [Line Items] Income Tax Examination [Line Items] Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis] Accounts receivable Increase (Decrease) in Accounts Receivable Derivative [Table] Derivative [Table] Non-Rule 10b5-1 Arrangement Adopted Non-Rule 10b5-1 Arrangement Adopted [Flag] Hedging Relationship [Domain] Hedging Relationship [Domain] Gross fair values and balance sheet location of derivative instruments held in the consolidated balance sheet Schedule of Derivative Instruments in Statement of Financial Position, Fair Value [Table Text Block] FAIR VALUE MEASUREMENTS Fair Value Disclosures [Text Block] Award Timing Disclosures [Line Items] Other assets and liabilities Increase (Decrease) in Other Operating Assets and Liabilities, Net Employee compensation and benefits Employee compensation and benefits assumed Employee compensation and benefits assumed Derivatives not designated as hedging instruments: Derivative, Gain (Loss) on Derivative, Net Other Performance Measure, Amount Other Performance Measure, Amount 2027 Finite-Lived Intangible Asset, Expected Amortization, Year Three Goodwill [Line Items] Goodwill [Line Items] Common Stock, Shares, Outstanding beginning Common Stock, Shares, Outstanding ending Common Stock, Shares, Outstanding Operating lease cost Operating Lease, Cost Debt Instrument, Description of Variable Rate Basis Debt Instrument, Description of Variable Rate Basis Long-term operating lease liabilities Operating Lease, Liability, Noncurrent Cash Flow Hedging Cash Flow Hedging [Member] Noncontrolling Interest, Decrease from Redemptions or Purchase of Interests Noncontrolling Interest, Decrease from Redemptions or Purchase of Interests Revenue from Contract with Customer [Abstract] Revenue from Contract with Customer [Abstract] Advances on Inventory Purchases Advances on Inventory Purchases Inventory, Net [Abstract] Inventory, Net [Abstract] United States UNITED STATES Service costâ€”benefits earned during the period Defined Benefit Plan, Service Cost Disclosure Text Block [Abstract] Disclosure Text Block [Abstract] Other assets Other Assets, Noncurrent Entity Tax Identification Number Entity Tax Identification Number Leases [Abstract] Leases [Abstract] Schedule of Finite-Lived Intangible Assets [Table] Intangible Asset, Finite-Lived [Table] Amortizable intangible assets, Gross carrying amount Finite-Lived Intangible Assets, Gross Schedule of Long-term Debt Instruments Schedule of Long-Term Debt Instruments [Table Text Block] Treasury Stock, Shares, Acquired Treasury Stock, Shares, Acquired Treasury Stock, Shares, Acquired Antidilutive Securities, Name [Domain] Antidilutive Securities, Name [Domain] Retirement Plan Type [Axis] Retirement Plan Type [Axis] AOCI Including Portion Attributable to Noncontrolling Interest [Member] AOCI Including Portion Attributable to Noncontrolling Interest [Member] Operating Segments [Member] Operating Segments [Member] Tax Adjustments, Settlements, and Unusual Provisions Tax Adjustments, Settlements, and Unusual Provisions Selling, general and administrative Selling, General and Administrative Expenses [Member] Net cash provided by operating activities Net Cash Provided by (Used in) Operating Activities Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss) Arising During Period, Tax Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss) Arising During Period, Tax Treasury Stock, Common Treasury Stock, Common [Member] Cash flows from operating activities: Net Cash Provided by (Used in) Operating Activities [Abstract] Aggregated notional amounts by currency and designation Schedule of Derivative Instruments [Table Text Block] Income and other taxes payable Taxes Payable, Current Deferred compensation liability Fair Value Liabilities Measured On Recurring Basis Deferred Compensation Liability This element represents a certain statement of financial position liability which deferred compensation liability, measured at fair value on a recurring basis. Capitalized Contract Cost [Line Items] Capitalized Contract Cost [Line Items] Schedule of Accumulated Other Comprehensive Income (Loss) Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block] Prepaid assets Prepaid Expense, Current Equity Components [Axis] Equity Components [Axis] Other current assets Other Assets, Current Share-based Compensation Expense, Allocation of Recognized Period Costs [Line Items] Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Award Timing Method Award Timing Method [Text Block] Net periodic benefit cost (benefit) Defined Benefit Plan, Net Periodic Benefit Cost (Credit) Trading Arrangements, by Individual Trading Arrangements, by Individual [Table] Acquired Finite-Lived Intangible Assets [Line Items] Acquired Finite-Lived Intangible Assets [Line Items] Net income Business Acquisition, Pro Forma Net Income (Loss) Measurement Frequency [Axis] Measurement Frequency [Axis] Revenue Recognition and Deferred Revenue [Abstract] Revenue Recognition and Deferred Revenue [Abstract] Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Prepaid Expense and Other Assets, Current [Abstract] Derivative Asset Derivative Asset, Notional Amount Insider Trading Policies and Procedures [Line Items] Share-based Compensation, Capitalized within inventory Share-Based Payment Arrangement, Amount Capitalized Total costs and expenses Costs and Expenses Total segments Total segments [Member] Total segments Business Acquisition, Acquiree [Domain] Business Acquisition, Acquiree [Domain] Amounts reclassified out of accumulated other comprehensive gain (loss) Reclassification from AOCI, Current Period, before Tax, Attributable to Parent Adjustment to Compensation, Amount Adjustment to Compensation Amount Compensation Amount Outstanding Recovery Compensation Amount Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member] Entity Small Business Entity Small Business Developed technology Developed Technology Rights [Member] Company Selected Measure Amount Company Selected Measure Amount Geographical [Axis] Geographical [Axis] Tabular List, Table Tabular List [Table Text Block] LevelÂ 3 Fair Value, Inputs, Level 3 [Member] Finite-lived Intangible Assets Acquired Finite-Lived Intangible Assets Acquired Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table [Member] Derivative instruments (foreign exchange contracts) Foreign Currency Contract, Asset, Fair Value Disclosure Open Forward Foreign Currency Contract, Identifier [Axis] Open Forward Foreign Currency Contract, Identifier [Axis] Other assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Other Noncurrent Assets Antidilutive Securities Excluded from Computation of Earnings Per Share, Number Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Backlog Order or Production Backlog [Member] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table Text Block] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table Text Block] Credit Facility [Domain] Credit Facility [Domain] Cash, cash equivalents, and restricted cash at beginning of period Cash, cash equivalents, and restricted cash at end of period Total cash, cash equivalents, and restricted cash shown in the statement of cash flows Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Change in net actuarial loss, net of tax expense of $1, $1, $3 and $3 Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, after Tax Equity investments Equity Securities, FV-NI, Current Current assets: Assets Short - term [Abstract] Assets, Current [Abstract] Goodwill Goodwill at October 31, 2023 Goodwill at July 31, 2024 Goodwill Consolidation Items [Axis] Consolidation Items [Axis] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Year Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Year Indefinite-Lived Intangible Assets, Major Class Name [Domain] Indefinite-Lived Intangible Assets, Major Class Name [Domain] Payment of taxes related to net share settlement of equity awards Payment, Tax Withholding, Share-Based Payment Arrangement Other comprehensive income (loss): Other Comprehensive Income (Loss), Net of Tax [Abstract] Stock Repurchase Program, Authorized Amount Share Repurchase Program, Authorized, Amount Share-based Payment Arrangement, Noncash Expense [Abstract] Share-Based Payment Arrangement, Noncash Expense [Abstract] Noncontrolling Interest, Increase from Business Combination Noncontrolling Interest, Increase from Business Combination Treasury Stock, Common, Shares Treasury Stock, Shares beginning Treasury Stock, Shares ending Treasury Stock, Common, Shares Forgone Recovery due to Disqualification of Tax Benefits, Amount Forgone Recovery due to Disqualification of Tax Benefits, Amount Product and Service [Domain] Product and Service [Domain] Stock Options Share-Based Payment Arrangement, Option [Member] Foreign Exchange Forward Foreign Exchange Forward [Member] Goodwill [Roll Forward] Goodwill [Roll Forward] Fair Value Disclosures [Abstract] Fair Value Disclosures [Abstract] Depreciation Depreciation Other financing activities Proceeds from (Payments for) Other Financing Activities Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table] Antidilutive Security, Excluded EPS Calculation [Table] Capitalized Contract Cost [Table] Capitalized Contract Cost [Table] Total comprehensive income Comprehensive Income (Loss), Net of Tax, Attributable to Parent Defined benefit plan Pension Plan [Member] Capitalized Contract Cost [Domain] Capitalized Contract Cost [Domain] Settlements made during the period Standard Product Warranty Accrual, Decrease for Payments Preferred Stock, Shares Outstanding Preferred Stock, Shares Outstanding Security Exchange Name Security Exchange Name Award Type Award Type [Axis] Assets And Capital Expenditures Directly Managed By Each Segment Assets And Capital Expenditures Directly Managed By Each Segment [Table Text Block] Assets And Capital Expenditures Directly Managed By Each Segment Foreign currency translation impact Goodwill, Foreign Currency Translation Gain (Loss) Property, plant and equipment, net Property, Plant and Equipment, Net Repayment of debt Repayment of debt Repayments of Debt Total liabilities Liabilities Derivative instruments (foreign exchange contracts) Foreign Currency Contracts, Liability, Fair Value Disclosure Common stock, par value (in dollars per share) Common Stock, Par or Stated Value Per Share Forgone Recovery, Explanation of Impracticability Forgone Recovery, Explanation of Impracticability [Text Block] Other Commitment Other Commitment Research and development Research and Development Expense Acquired Finite-lived Intangible Assets, Weighted Average Useful Life Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life Revolving Credit Facility Revolving Credit Facility [Member] Expiration Date Trading Arrangement Expiration Date

Cash flows from investing activities: Net Cash Provided by (Used in) Investing Activities [Abstract] Reclassification out of Accumulated Other Comprehensive Income [Table] Reclassification out of Accumulated Other Comprehensive Income [Table] Subsegments [Axis] Subsegments [Axis] Goodwill and Intangible Assets Disclosure [Abstract] Goodwill and Intangible Assets Disclosure [Abstract] Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent Operating lease liabilities Operating Lease, Liability, Current Total Shareholder Return Amount Total Shareholder Return Amount Common Stock, Shares, Issued Common Stock, Shares, Issued Other Assets [Member] Other Assets [Member] Goodwill, Other Increase (Decrease) Goodwill, Other Increase (Decrease) Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, before Tax Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, before Tax Income taxes payable Increase (Decrease) in Income Taxes Payable Equity Awards Adjustments, Footnote Equity Awards Adjustments, Footnote [Text Block] Facility, Maximum Borrowing Capacity Line of Credit Facility, Maximum Borrowing Capacity John Page [Member] John Page Insider Trading Policies and Procedures Adopted Insider Trading Policies and Procedures Adopted [Flag] Debt Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Long-Term Debt Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Long-Term Debt Debt Instrument Debt Instrument [Line Items] Named Executive Officers, Footnote Named Executive Officers, Footnote [Text Block] Research and development Research and Development Expense [Member] Europe Europe [Member] Common stock, shares authorized (in shares) Common Stock, Shares Authorized Acquisition of businesses and intangible assets, net of cash acquired Payments to Acquire Businesses, Net of Cash Acquired Payments to Acquire Businesses, Net of Cash Acquired Diluted (in shares) Diluted weighted-average shares Weighted Average Number of Shares Outstanding, Diluted Derivative Liability, Notional Amount Derivative Liability, Notional Amount Other Nonoperating Income (Expense) Other Nonoperating Income (Expense) [Member] MNPI Disclosure Timed for Compensation Value MNPI Disclosure Timed for Compensation Value [Flag] 2024 (remainder) Finite-Lived Intangible Asset, Expected Amortization, Remainder of Fiscal Year AOCI Attributable to Parent, Net of Tax [Roll Forward] AOCI Attributable to Parent, Net of Tax [Roll Forward] 2024 Senior Notes at 4.55% ($600 face amount less unamortized costs of zero and $1) Long-Term Debt, Type [Axis] Total stockholders' equity Equity, Attributable to Parent Facility, Covenant Compliance Line of Credit Facility, Covenant Compliance Cash, cash equivalents and restricted cash [Table Text Block] Schedule of Cash Flow, Supplemental Disclosures [Table Text Block] Amortization of net actuarial loss Defined Benefit Plan, Amortization of Gain (Loss) Business Combinations [Abstract] Business Combinations [Abstract] Long-term tax receivables SegmentReportingReconciliationItemLongTermTaxReceivables Segment Reporting Reconciliation Item Long Term Tax Receivables Hedging Designation [Domain] Hedging Designation [Domain] Contract with Customer, Liability [Abstract] Contract with Customer, Liability [Abstract] Balance Sheet Location [Axis] Statement of Financial Position Location, Balance [Axis] Interest expense Interest Expense Interest Expense, Nonoperating Deferred tax expense (benefit) Deferred Income Tax Expense (Benefit) Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, before Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, before Tax Goodwill balances and movements for each reportable segments during the period Schedule of Goodwill [Table Text Block] Letters of Credit Outstanding, Amount Letters of Credit Outstanding, Amount Business Acquisition, Pro Forma Information Business Acquisition, Pro Forma Information [Table Text Block] Selling, general and administrative Selling, General and Administrative Expense Amortization of acquisition-related balances Amortization of acquisition-related balances The amounts may include non-cash items such as the amortization of acquired intangible assets and amortization of items associated with fair value purchase accounting adjustments, including recognition of acquired deferred revenue. Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Total Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent Fair Value, Measurements, Recurring Fair Value, Recurring [Member] Accounts receivable, net Accounts Receivable, after Allowance for Credit Loss, Current Cost of products and services Cost of Sales [Member] Products Product [Member] Loans Payable Loans Payable Antidilutive Securities Excluded from EPS Computation Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Foreign currency translation, net of tax benefit (expense) of zero Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Gain (Loss) Arising During Period, Net of Tax Noncash or Part Noncash Acquisition, Debt Assumed Noncash or Part Noncash Acquisition, Debt Assumed Debt, Long-Term and Short-Term, Combined Amount Long-Term Debt Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, Tax Pension Adjustments Prior Service Cost Pension Adjustments Prior Service Cost [Member] Document Fiscal Period Focus Document Fiscal Period Focus Acquisition and integration costs Business Combination, Acquisition Related Costs All Executive Categories All Executive Categories [Member] Potential common shares Incremental Common Shares Attributable to Dilutive Effect of Share-Based Payment Arrangements Balance Sheet Location [Domain] Statement of Financial Position Location, Balance [Domain] Business Acquisition, Share Price Business Acquisition, Share Price 2026 Finite-Lived Intangible Asset, Expected Amortization, Year Two Changed Peer Group, Footnote Changed Peer Group, Footnote [Text Block] Assets: Assets [Abstract] Retirement Plan Type [Domain] Retirement Plan Type [Domain] Other comprehensive income (loss), net of tax Other Comprehensive Income (Loss), Net of Tax Document Type Document Type Derivative Contract [Domain] Derivative Contract [Domain] Pension Benefits Adjustments, Footnote Pension Benefits Adjustments, Footnote [Text Block] Accruals for warranties due after one year Standard Product Warranty Accrual, Noncurrent Schedule of Segment Reporting Information, by Segment [Table Text Block] Schedule of Segment Reporting Information, by Segment [Table Text Block] Total Shareholder Return Vs Peer Group Total Shareholder Return Vs Peer Group [Text Block] Payments to Acquire in Process Research and Development Payments to Acquire in Process Research and Development Syndicated loan Loans [Member] End-markets [Axis] End-markets [Axis] End-markets [Axis] Business Combination, Pro Forma Information, Earnings or Loss of Acquiree since Acquisition Date, Actual Business Combination, Pro Forma Information, Earnings or Loss of Acquiree since Acquisition Date, Actual Senior Notes 2029 Senior Notes 2029 [Member] Senior Notes 2029 [Member] Schedule of Defined Benefit Plans Disclosures [Table] Defined Benefit Plan [Table] Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block] Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block] Secured Overnight Financing Rate (SOFR) Overnight Index Swap Rate Secured Overnight Financing Rate (SOFR) Overnight Index Swap Rate [Member] In-processÂ researchÂ andÂ development Indefinite-Lived Intangible Assets (Excluding Goodwill) Amortization of Intangible Assets Amortization of Intangible Assets Balance at October 31, 2023 Balance at July 31, 2024 Contract with Customer, Liability Equity Valuation Assumption Difference, Footnote Equity Valuation Assumption Difference, Footnote [Text Block] Goodwill, Impaired, Accumulated Impairment Loss Goodwill, Impaired, Accumulated Impairment Loss Payments of Financing Costs Payments of Financing Costs Amortizable intangible assets, Net book value Finite-Lived Intangible Assets, Net Antidilutive Securities [Axis] Antidilutive Securities [Axis] Accounts payable Accounts Payable, Current Accounting Policies [Abstract] Accounting Policies [Abstract] Net revenue: Revenues [Abstract] Business Combination Disclosure Business Combination Disclosure [Text Block] Current Fiscal Year End Date Current Fiscal Year End Date Assets, Long-term [Abstract] Assets, Noncurrent [Abstract] Income and other taxes payable Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Income and other taxes payable Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Income and other taxes payable PEO Name PEO Name Non-Rule 10b5-1 Arrangement Terminated Non-Rule 10b5-1 Arrangement Terminated [Flag] Acquisition of non-controlling interests Acquisition of non-controlling interests Payments to Noncontrolling Interests Income before taxes Income before taxes Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Guarantees [Abstract] Guarantees [Abstract] All Award Types Award Type [Domain] Non-PEO NEO Average Total Compensation Amount Non-PEO NEO Average Total Compensation Amount Name Outstanding Recovery, Individual Name Cash and cash equivalents Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Cash and Equivalents Disaggregation of Revenue [Line Items] Disaggregation of Revenue [Line Items] Issuance of common stock (shares) Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture Variable lease cost Variable Lease, Cost Goodwill, Impairment Loss Goodwill, Impairment Loss Compensation Actually Paid vs. Company Selected Measure Compensation Actually Paid vs. Company Selected Measure [Text Block] Net assets acquired Business Combination, Recognized Identifiable Assets Acquired, Goodwill, and Liabilities Assumed, Net Estimated future employer contributions in remainder of current fiscal year Defined Benefit Plan, Expected Future Employer Contributions, Remainder of Fiscal Year Money market funds Money Market Funds, at Carrying Value Revenue recognized over time Transferred over Time [Member] Retirement and post-retirement benefits Liability, Defined Benefit Plan, Noncurrent Long-term deferred tax assets Deferred Income Tax Assets, Net Non-PEO NEO Non-PEO NEO [Member] Total assets acquired Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Assets Facility, Expiration Date Line of Credit Facility, Expiration Date Additional Paid-in Capital [Member] Additional Paid-in Capital [Member] Hedging Relationship [Axis] Hedging Relationship [Axis] Line of Credit Facility, Expiration Period Line of Credit Facility, Expiration Period Award Timing Predetermined Award Timing Predetermined [Flag] RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS Retirement Benefits [Text Block] Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liabilities Customer relationships Customer Relationships [Member] Short-term Debt [Line Items] Short-Term Debt [Line Items] Standard Product Warranty, Policy Standard Product Warranty, Policy [Policy Text Block] Diluted (in dollars per share) Net income per share - diluted Earnings Per Share, Diluted Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived Intangible Assets by Major Class [Axis] Accumulated Amortization and impairments Finite-Lived Intangible Assets, Accumulated Amortization Finite-Lived Intangible Assets, Accumulated Amortization Schedule of net pension and post-retirement benefit costs Schedule of Defined Benefit Plans Disclosures [Table Text Block] Finite-lived Intangible Assets Amortization Expense [Table Text Block] Finite-Lived Intangible Assets Amortization Expense [Table Text Block] Name Measure Name Entity Interactive Data Current Entity Interactive Data Current Deferral of revenue billed in current period, net of recognition Increase (Decrease) in Contract with Customer, Liability Restatement does not require Recovery Restatement Does Not Require Recovery [Text Block] Number of Operating Segments Number of Operating Segments Retirement Benefits [Abstract] Retirement Benefits [Abstract] Senior Notes 2024 Senior Notes 2024 [Member] Senior Notes 2024 [Member] Preferred Stock, Shares Issued Preferred Stock, Shares Issued Fair Value Assets And Liabilities Measured On Recurring Basis Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis [Table Text Block] Disaggregation of Revenue [Table] Disaggregation of Revenue [Table] Statement of Financial Position [Abstract] Statement of Financial Position [Abstract] Senior Notes 2027 Senior Notes 2027 [Member] Senior Notes 2027 [Member] Share-based compensation Share-Based Payment Arrangement, Noncash Expense Net Income (Loss), Including Portion Attributable to Noncontrolling Interest, Total Net Income (Loss), Including Portion Attributable to Noncontrolling Interest Derivative Instruments Not Designated as Hedging Instruments, Gain (Loss), Net Derivative Instruments Not Designated as Hedging Instruments, Gain (Loss), Net Provision (benefit) for income taxes Income Tax Expense (Benefit) Interest cost on benefit obligation Defined Benefit Plan, Interest Cost Debt Instrument, Interest Rate, Stated Percentage Debt Instrument, Interest Rate, Stated Percentage Derivative Liability, Notional Amount Derivative, Notional Amount Effect of derivative instruments for foreign exchange contracts in the consolidated statement of operations Derivative Instruments, Gain (Loss) [Table Text Block] Services and other Service [Member] Statement of Comprehensive Income [Abstract] Statement of Comprehensive Income [Abstract] Excess and obsolete inventory-related charges Inventory Write-down Effective Income Tax Rate, Percent Effective Income Tax Rate Reconciliation, Percent Net cash used in investing activities Net Cash Provided by (Used in) Investing Activities Income from operations Operating Income (Loss) Total reportable operating segments' income from operations Operating Income (Loss) Variable Rate [Domain] Variable Rate [Domain] Income Tax Authority [Axis] Income Tax Jurisdiction [Axis] Business Acquisition [Line Items] Business Acquisition [Line Items] Number of Reportable Segments Number of Reportable Segments Total liabilities and equity Liabilities and Equity All Adjustments to Compensation All Adjustments to Compensation [Member] Rule 10b5-1 Arrangement Terminated Rule 10b5-1 Arrangement Terminated [Flag] Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Axis] Employee compensation and benefits Employee-related Liabilities, Current Additional paid-in-capital Additional Paid in Capital Short-term Debt, Type [Domain] Short-Term Debt, Type [Domain] Hedging Designation [Axis] Hedging Designation [Axis] DERIVATIVES Derivative Instruments and Hedging Activities Disclosure [Text Block] Derivative Instruments, Gain (Loss) [Table] Derivative Instruments, Gain (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] ESI Group SA ESI Group SA [Member] ESI Group SA Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies Disclosure [Abstract] Interest income Investment Income, Interest Subsegments Consolidation Items [Domain] Subsegments Consolidation Items [Domain] Finite-Lived Intangible Assets, Major Class Name [Domain] Finite-Lived Intangible Assets, Major Class Name [Domain] Interest rate swap agreement termination proceeds Interest rate swap agreement termination proceeds Interest rate swap agreement termination proceeds OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES Organization, Consolidation, Basis of Presentation, Business Description and Accounting Policies [Text Block] Right-of-use assets obtained in exchange for operating lease obligations Right-of-Use Asset Obtained in Exchange for Operating Lease Liability Underlying Security Market Price Change Underlying Security Market Price Change, Percent Expected return on plan assets Defined Benefit Plan, Expected Return (Loss) on Plan Assets Individual: Individual [Axis] Aerospace, Defense & Government Aerospace, defense and government [Member] Aerospace, defense and government [Member] Taxes related to net share settlement of equity awards Share-Based Payment Arrangement, Decrease for Tax Withholding Obligation Euribor Future Euribor Future [Member] Accumulated Other Comprehensive Income (Loss) AOCI Attributable to Parent [Member] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period Inventory Inventory, Net Inventory, Net Long-term Debt, Type [Domain] Long-Term Debt, Type [Domain] Product and Service [Axis] Product and Service [Axis] Entity Address, State or Province Entity Address, State or Province Statement [Line Items] Statement [Line Items] Gain (loss) reclassified from accumulated other comprehensiveÂ income (loss) into earnings: Derivative Instruments, Gain (Loss) Reclassified from Accumulated OCI into Income,

Effective Portion, Net Derivative Instruments and Hedging Activities Disclosure [Abstract] Derivative Instruments and Hedging Activities Disclosure [Abstract] Erroneous Compensation Analysis Erroneous Compensation Analysis [Text Block] Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table Text Block] Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table Text Block] Defined Benefit Plan Disclosure Defined Benefit Plan Disclosure [Line Items] Compensation Actually Paid vs. Total Shareholder Return Compensation Actually Paid vs. Total Shareholder Return [Text Block] Liabilities and Equity [Abstract] Liabilities and Equity [Abstract] Loss Contingency, Estimate of Possible Loss Loss Contingency, Estimate of Possible Loss Unamortized costs Debt Instrument, Unamortized Discount (Premium) and Debt Issuance Costs, Net Asia Pacific Asia Pacific [Member] Restatement Determination Date Restatement Determination Date Retirement and post-retirement benefits Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Retirement and post-retirement benefits Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Retirement and post-retirement benefits Reclassification [Table] Reclassification [Table] Pay vs Performance Disclosure Pay vs Performance Disclosure [Table] Adoption Date Trading Arrangement Adoption Date Long-term tax receivable Increase (Decrease) in Income Taxes Receivable Stock Options, ESPP, LTPP and restricted stock combined exercise price, unamortized fair value, excess tax benefits or shortfalls greater than average market price Stock Options, LTPP and restricted stock combined exercise price, unamortized fair value, excess tax benefits or shortfalls greater than average market price [Member] [Member] Stock Options, LTPP and restricted stock combined exercise price, unamortized fair value, excess tax benefits or shortfalls greater than average market price [Member] [Member] Operating lease right-of-use assets Operating Lease, Right-of-Use Asset Erroneously Awarded Compensation Recovery Erroneously Awarded Compensation Recovery [Table] Derivative Instruments, Gain (Loss) [Line Items] Derivative Instruments, Gain (Loss) [Line Items] Other Operating Income (Expense) Other Operating Income (Expense) [Member] Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Tax Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Tax Short-term Debt, Type [Axis] Short-Term Debt, Type [Axis] Income Tax Examination, Description Income Tax Examination, Description Segments [Axis] Segments [Axis] Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Other Other long-term liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Other Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Explanation Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Explanation Net revenue Business Acquisition, Pro Forma Revenue Derivative Instrument [Axis] Derivative Instrument [Axis] Schedule of Other Current Assets Schedule of Other Current Assets [Table Text Block] Other bank borrowings Bank Loan Obligations [Member] Other Comprehensive Loss, MTM Adjustment into AOCI Fair Value, Net Derivative Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI Fair Value, Net Derivative Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI Exercise Price Award Exercise Price Other Commitment, to be Paid, Year One Other Commitment, to be Paid, Year One Asset Acquisition [Table] Asset Acquisition [Table] Additional Financial Information Disclosure Additional Financial Information Disclosure [Text Block] Prior service credits Accumulated Defined Benefit Plans Adjustment, Net Prior Service Attributable to Parent [Member] NET INCOME PER SHARE Earnings Per Share [Text Block] Arrangement Duration Trading Arrangement Duration Tax incentives, Description Income Tax Holiday, Description Costs and expenses: Costs and Expenses [Abstract] GOODWILL AND OTHER INTANGIBLE ASSETS Goodwill and Intangible Assets Disclosure [Text Block] Stockholders' equity: Stockholders' equity: Equity, Attributable to Parent [Abstract] Gain (loss) on derivative instruments, net of tax benefit (expense) of zero, $(1), zero and $5 Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, after Tax Accruals for warranties, including change in estimates Standard Product Warranty Accrual, Increase for Warranties Issued Subsegments [Domain] Subsegments [Domain] Long-term investments Long-term Investments Long-Term Investments Peer Group Issuers, Footnote Peer Group Issuers, Footnote [Text Block] Segments [Domain] Segments [Domain] Material Terms of Trading Arrangement Material Terms of Trading Arrangement [Text Block] Standard Product Warranty Description Standard Product Warranty Description Debt Instrument, Term Debt Instrument, Term 2028 Finite-Lived Intangible Asset, Expected Amortization, Year Four All Individuals All Individuals [Member] Other comprehensive income (loss), tax, parenthetical disclosures [Abstract] Other Comprehensive Income (Loss), Tax, Parenthetical Disclosure [Abstract] Additional drawings on credit facility Additional drawings on credit facility Additional drawings on credit facility Trademarks and Trade Names Trademarks and Trade Names [Member] Malaysia Tax Authority [Member] Malaysia Tax Authority [Member] Malaysia Tax Authority [Member] PEO PEO [Member] Variable Rate [Axis] Variable Rate [Axis] Income Tax Disclosure [Abstract] Income Tax Disclosure [Abstract] Name Trading Arrangement, Individual Name Other income (expense), net Other Nonoperating Income (Expense) Post-retirement Benefits Plan Other Postretirement Benefits Plan [Member] Statement of Stockholders' Equity [Abstract] Statement of Stockholders' Equity [Abstract] Other intangible assets, net Intangible Assets, Net (Excluding Goodwill) Gains (losses) on derivatives Accumulated Net Gain (Loss) from Cash Flow Hedges Attributable to Parent [Member] Decrease in income tax provision due to tax incentives, Income Tax Benefits Per Share Income Tax Holiday, Income Tax Benefits Per Share Proceeds from issuance of common stock under employee stock plans Proceeds, Issuance of Shares, Share-Based Payment Arrangement, Including Option Exercised Employee compensation and benefits Increase (Decrease) in Accrued Salaries Treasury stock, at cost; 27.5 million shares and 25.4 million shares, respectively Treasury Stock, Common, Value LineOfCreditFacilityOriginalBorrowingCapacity Line Of Credit Facility, Original Borrowing Capacity Line Of Credit Facility Original Borrowing Capacity Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract] Awards Close in Time to MNPI Disclosures, Table Awards Close in Time to MNPI Disclosures [Table Text Block] Lender Name [Axis] Lender Name [Axis] Business Acquisition, Transaction Costs Business Acquisition, Transaction Costs Share-based Payment Arrangement, Expensed and Capitalized, Amount [Table] Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table] Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year [Member] Net income per share - Diluted Business Acquisition, Pro Forma Earnings Per Share, Diluted Retirement Plan Sponsor Location [Domain] Retirement Plan Sponsor Location [Domain] Aggregate Erroneous Compensation Amount Aggregate Erroneous Compensation Amount Finite-Lived and Indefinite-Lived Intangible Assets Acquired as Part of Business Combination Finite-Lived and Indefinite-Lived Intangible Assets Acquired as Part of Business Combination [Table Text Block] Local Phone Number Local Phone Number TotalÂ intangibleÂ assets Intangible Assets, Gross (Excluding Goodwill) Aggregate Erroneous Compensation Not Yet Determined Aggregate Erroneous Compensation Not Yet Determined [Text Block] Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Liabilities Reconciliation of Revenue from Segments to Consolidated [Table Text Block] Reconciliation of Revenue from Segments to Consolidated [Table Text Block] Asset Acquisition [Line Items] Asset Acquisition [Line Items] Americas Americas [Member] Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items] Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items] Derivative, Net Liability Position, Aggregate Fair Value Derivative, Net Liability Position, Aggregate Fair Value Retirement Plan Sponsor Location [Axis] Retirement Plan Sponsor Location [Axis] Changes in assets and liabilities: Increase (Decrease) in Operating Capital [Abstract] Liabilities Long-term [Abstract] Liabilities, Noncurrent [Abstract] PEO Total Compensation Amount PEO Total Compensation Amount Senior Notes Senior Notes Electronic Industrial Solutions Group Electronic Industrial Solutions Group [Member] [Member] Electronic Industrial Solutions Group [Member] Total derivatives Liabilities Derivative Liability, Subject to Master Netting Arrangement, before Offset Gain excluded from effectiveness testing recognized in earnings based on changes in fair value: Derivative Instruments, Gain (Loss) Recognized in Income, Ineffective Portion and Amount Excluded from Effectiveness Testing, Net Income Statement Location [Axis] Statement of Income Location, Balance [Axis] Entity Ex Transition Period Entity Ex Transition Period COMMITMENTS AND CONTINGENCIES Commitments and Contingencies Disclosure [Text Block] Thereafter Finite-Lived Intangible Asset, Expected Amortization, after Year Five Debt Disclosure [Abstract] Debt Disclosure [Abstract] Common Stock [Member] Common Stock [Member] Measure: Measure [Axis] Line of Credit Facility [Abstract] Line of Credit Facility [Abstract] Derivative, Loss on Derivative Derivative, Loss on Derivative Discrete tax benefit (expense) [Line Items] Discrete tax benefit (expense) Discrete tax benefit (expense) related to the deduction in the U.S. for intangible assets for purposes of determining income or loss under IRC Â§ 951A(c) Preferred stock, shares authorized (in shares) Preferred Stock, Shares Authorized Forgone Recovery due to Expense of Enforcement, Amount Forgone Recovery due to Expense of Enforcement, Amount Electronic Industrial Solutions Group Electronic Industrial Solutions Group [Member] Electronic Industrial Solutions Group [Member] Other current assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Other Schedule of Business Acquisitions, by Acquisition [Table] Schedule of Business Acquisitions, by Acquisition [Table] Short-term investments Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Marketable Securities Entity Emerging Growth Company Entity Emerging Growth Company Indefinite-Lived Intangible Assets [Axis] Indefinite-Lived Intangible Assets [Axis] Total liabilities measured at fair value Liabilities, Fair Value Disclosure Income Tax Examination [Table] Income Tax, Examination [Table] Segment Reporting [Abstract] Segment Reporting [Abstract] Fair Value, Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI Fair Value, Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI Entity Central Index Key Entity Central Index Key Sell Short [Member] Schedule of Inventory, Current [Table Text Block] Schedule of Inventory, Current [Table Text Block] Derivative Fair Value by Balance Sheet Location [Abstract] Derivative, Fair Value, Net [Abstract] Non-GAAP Measure Description Non-GAAP Measure Description [Text Block] Foreign currency translation Accumulated Foreign Currency Adjustment Attributable to Parent [Member] Non-PEO NEO Average Compensation Actually Paid Amount Non-PEO NEO Average Compensation Actually Paid Amount Decrease in income tax provision due to tax incentives, Aggregate Dollar Amount Income Tax Holiday, Aggregate Dollar Amount Business Acquisition, Effective Date of Acquisition Business Acquisition, Effective Date of Acquisition STOCKHOLDERS EQUITY Equity [Text Block] Beginning balance Ending balance Standard Product Warranty Accrual Award Timing, How MNPI Considered Award Timing, How MNPI Considered [Text Block] Preferred stock, par value (in dollars per share) Preferred Stock, Par or Stated Value Per Share Equity Component [Domain] Equity Component [Domain] Bridge Loan Bridge Loan [Member] SEGMENT INFORMATION Segment Reporting Disclosure [Text Block] Current portion of long-term debt Long-Term Debt, Current Maturities Electronic Industrial electronic industrial [Member] electronic industrial [Member] Actuarial losses Accumulated Defined Benefit Plans Adjustment, Net Gain (Loss) Attributable to Parent [Member] Additional 402(v) Disclosure Additional 402(v) Disclosure [Text Block] Subsegments Consolidation Items [Axis] Subsegments Consolidation Items [Axis] Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax Debt Securities, Trading, and Equity Securities, FV-NI Debt Securities, Trading, and Equity Securities, FV-NI [Table Text Block] Share-based compensation APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Entity Shell Company Entity Shell Company Gain (Loss) on Contract Termination Gain (Loss) on Contract Termination Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Capitalized Contract Cost, Net Capitalized Contract Cost, Net Title Trading Arrangement, Individual Title Stockholders' Equity, Average Amount Outstanding Stockholders' Equity, Average Amount Outstanding Statement [Table] Statement [Table] Tax incentives, Termination Date Income Tax Holiday, Termination Date Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, Tax Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, Tax State-guaranteed loans Loans Insured or Guaranteed by non-US Government Authorities [Member] Measurement Frequency [Domain] Measurement Frequency [Domain] Schedule of Income before Income Tax, Domestic and Foreign Schedule of Income before Income Tax, Domestic and Foreign [Table Text Block] Pension and other assets Segment Reporting Reconciliation Item Other Assets Segment Reporting Reconciliation Item Other Assets Consolidation Items [Domain] Consolidation Items [Domain] Treasury Stock Transactions, Excluding Value of Shares Reissued [Abstract] Treasury Stock Transactions, Excluding Value of Shares Reissued [Abstract] Position [Domain] Position [Domain] City Area Code City Area Code Current liabilities: Liabilities, Short-term [Abstract] Liabilities, Current [Abstract] Interest payments Interest Paid, Excluding Capitalized Interest, Operating Activities Insider Trading Policies and Procedures Not Adopted Insider Trading Policies and Procedures Not Adopted [Text Block] Level 1 Fair Value, Inputs, Level 1 [Member] Total current assets Assets, Current Statement of Cash Flows [Abstract] Statement of Cash Flows [Abstract] Soon Chai Gooi [Member] Soon Chai Gooi Treasury stock repurchases Payments for Repurchase of Common Stock Payments for Repurchase of Common Stock Facility, Description Line of Credit Facility, Description Business Combination, Pro Forma Information, Revenue of Acquiree since Acquisition Date, Actual Business Combination, Pro Forma Information, Revenue of Acquiree since Acquisition Date, Actual Schedule of Long-term Debt Instruments [Table] Schedule of Long-Term Debt Instruments [Table] Contributions by employer Defined Benefit Plan, Plan Assets, Contributions by Employer Long-term debt Long-term Debt, Excluding Current Maturities Long-Term Debt, Excluding Current Maturities Restructuring and others Segment Reporting Other reconciling items for operating profit loss segment to consolidated Amount of an item in the reconciliation of total profit or loss from reportable segments to the entity's consolidated income before income taxes, extraordinary items, discontinued operations. Schedule of Segment Reporting Information, by Segment [Table] Schedule of Segment Reporting Information, by Segment [Table] Other intangible assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Intangible Assets, Other than Goodwill Guarantees and Product Warranties [Abstract] Guarantees and Product Warranties [Abstract] Accumulated Other Comprehensive Income (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Table] Equity investments - other Equity Securities without Readily Determinable Fair Value, Amount Unrecorded Unconditional Purchase Obligation Unrecorded Unconditional Purchase Obligation Jeffrey K Li [Member] Jeffrey K Li Revenue, Remaining Performance Obligation, Percentage Revenue, Remaining Performance Obligation, Percentage INCOME TAXES Income Tax Disclosure [Text Block] Net income per share: Earnings Per Share [Abstract] Earnings Per Share [Abstract] Equity [Abstract] Equity [Abstract] Retained earnings Retained Earnings (Accumulated Deficit) Reclassification out of Accumulated Other Comprehensive Income Reclassification out of Accumulated Other Comprehensive Income [Table Text Block] Buy Long [Member]

Loans Payable, Current Loans Payable, Current Cash Flow Hedge Gain (Loss) to be Reclassified within Twelve Months Cash Flow Hedge Gain (Loss) to be Reclassified within 12 Months Domestic Plan [Member] Domestic Plan [Member] Derivative, Loss, Statement of Income or Comprehensive Income [Extensible Enumeration] Derivative, Loss, Statement of Income or Comprehensive Income [Extensible Enumeration] Inventory Increase (Decrease) in Inventories Supplemental Cash Flow Elements [Abstract] Supplemental Cash Flow Elements [Abstract] Equity Securities, FV-NI, Unrealized Gain (Loss) Equity Securities, FV-NI, Unrealized Gain (Loss) Other Noncurrent Liabilities [Member] Other Noncurrent Liabilities [Member] Aggregate Available Trading Arrangement, Securities Aggregate Available Amount Equity Awards Adjustments Equity Awards Adjustments [Member] Net cash used in financing activities Net Cash Provided by (Used in) Financing Activities Underlying Securities Award Underlying Securities Amount Issuance of common stock Adjustments to Additional Paid in Capital, Fair Value Deferred revenue Deferred Revenue, Current Total reportable segments' assets Segment Reporting Reconciliation Item Assets Amounts of assets held by an entity, and used in a reconciliation of assets by segment to the entity consolidated balance sheet. Credit Facility [Axis] Credit Facility [Axis] Amendment Flag Amendment Flag Long-Term Debt, Fair Value Long-Term Debt, Fair Value Entity Registrant Name Entity Registrant Name Revenue recognized at a point in time Transferred at Point in Time [Member] Accounts receivable Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Receivables Stock Appreciation Rights (SARs) Stock Appreciation Rights (SARs) [Member] Adjustment to Non-PEO NEO Compensation Footnote Adjustment to Non-PEO NEO Compensation Footnote [Text Block] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table] Timing of Transfer of Good or Service [Axis] Timing of Transfer of Good or Service [Axis] Riscure [Member] Riscure Holding B.V. [Member] Riscure Holding B.V. Schedule of Product Warranty Liability [Table Text Block] Schedule of Product Warranty Liability [Table Text Block] Fair Value as of Grant Date Award Grant Date Fair Value AnaPico AG [Member] AnaPico AG [Member] AnaPico AG LevelÂ 2 Fair Value, Inputs, Level 2 [Member] DEBT Debt Disclosure [Text Block] Fair Value Hierarchy and NAV [Domain] Fair Value Hierarchy and NAV [Domain] Stockholders' Equity, Including Portion Attributable to Noncontrolling Interest [Abstract] Equity, Including Portion Attributable to Noncontrolling Interest [Abstract] Capitalized Contract Cost, Amortization Capitalized Contract Cost, Amortization Geographical [Domain] Geographical [Domain] Components of other intangibles during the period Schedule of Indefinite-Lived Intangible Assets [Table Text Block] Recovery of Erroneously Awarded Compensation Disclosure [Line Items] Debt Instrument, Face Amount Debt Instrument, Face Amount Disaggregation of Revenue [Table Text Block] Disaggregation of Revenue [Table Text Block] Entity Address, Postal Zip Code Entity Address, Postal Zip Code Allocated Share-based compensation expense disclosure Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block] Interest Rate Swap [Member] Interest Rate Swap [Member] Restatement Determination Date: Restatement Determination Date [Axis] Title of 12(b) Security Title of 12(b) Security Common stock; $0.01 par value; 1 billion shares authorized; issued and outstanding shares: 201 million and 200 million, respectively Common Stock, Value, Issued Business Combination, Integration Related Costs Business Combination, Integration Related Costs Deferred revenue arising out of acquisitions Contract with Customer, Liability, Increase (Decrease) for Contract Acquired in Business Combination Discrete tax expense [Line Items] Discrete tax expense Discrete tax expense due to a change in the potential U.S. benefit associated with the future resolution of non-U.S. tax reserves. Share-based Payment Arrangement [Abstract] Share-Based Payment Arrangement [Abstract] Capitalized Contract Cost [Axis] Capitalized Contract Cost [Axis] Income Tax Authority, Name [Domain] Income Tax Authority, Name [Domain] Cash and cash equivalents Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value Finite-Lived Intangible Assets, Period Increase (Decrease) Finite-Lived Intangible Assets, Period Increase (Decrease) Other investing activities Payments for (Proceeds from) Other Investing Activities Other Noncurrent Assets [Member] Other Noncurrent Assets [Member] Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member] Finite-Lived Intangible Assets [Line Items] Finite-Lived Intangible Assets [Line Items] Other Current Liabilities [Member] Other Current Liabilities [Member] Standard Product Warranty Disclosure [Abstract] Standard Product Warranty Disclosure [Abstract] Cash flows from financing activities: Net Cash Provided by (Used in) Financing Activities [Abstract] Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested [Member] Preferred stock; $0.01 par value; 100 million shares authorized; none issued and outstanding Preferred Stock, Value, Issued Net Discrete Expense (Benefit) Other Tax Expense (Benefit) Purchased parts and fabricated assemblies Inventory, Work in Process and Raw Materials, Net of Reserves Facility, Outstanding Line of Credit Facility, Fair Value of Amount Outstanding Basic (in dollars per share) Net income per share - basic Earnings Per Share, Basic Schedule of Short-term Debt [Table] Short-Term Debt [Table] Accounts payable Increase (Decrease) in Accounts Payable Net income per share - Basic Basic Earnings Per Share Adjustment, Pro Forma Cash payment for operating leases Operating Lease, Payments Award Timing MNPI Disclosure Award Timing MNPI Disclosure [Text Block] Adjustment To PEO Compensation, Footnote Adjustment To PEO Compensation, Footnote [Text Block] Communications Solutions Group Communications Solutions Group [Member] [Member] Communications Solutions Group [Member] Trademark/Tradename Trademarks [Member] Investments in property, plant and equipment included in accounts payable Capital Expenditures Incurred but Not yet Paid Aggregate Pension Adjustments Service Cost Aggregate Pension Adjustments Service Cost [Member] Schedule of Goodwill [Table] Goodwill [Table] Amortization Amortization Designated as Hedging Instruments Designated as Hedging Instrument [Member] Compensation Actually Paid vs. Other Measure Compensation Actually Paid vs. Other Measure [Text Block] Total current liabilities Liabilities, Current Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year [Member] Weighted average shares used in computing net income per share: Weighted Average Number of Shares Outstanding, Diluted [Abstract] Total assets Assets Assets 2025 Finite-Lived Intangible Asset, Expected Amortization, Year One Cost of Goods and Services Sold Cost of Goods and Services Sold Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, Tax Investments in property, plant and equipment Payments to Acquire Property, Plant, and Equipment Deferred revenue Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities, Deferred Revenue Other long-term liabilities Other Liabilities, Noncurrent Movement in Standard Product Warranty Accrual [Roll Forward] Movement in Standard Product Warranty Accrual [Roll Forward] Forgone Recovery due to Violation of Home Country Law, Amount Forgone Recovery due to Violation of Home Country Law, Amount Share-based Payment Arrangement, Expensed and Capitalized, Amount Share-Based Payment Arrangement, Expensed and Capitalized, Amount Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Abstract] Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Abstract] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Commitments and contingencies (Note 13) Commitments and Contingencies Payments to Acquire Businesses and Interest in Affiliates Payments to Acquire Businesses and Interest in Affiliates Termination Date Trading Arrangement Termination Date Net defined benefit pension cost and post retirement plan costs, tax [Abstract] Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, Tax [Abstract] Satish Dhanasekaran [Member] Satish Dhanasekaran 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] Revenues Revenues, Total Revenues Proceeds from Income Tax Refund, Foreign Proceeds from Income Tax Refund, Foreign End-markets [Domain] End-markets [Domain] [Domain] for End-markets [Axis] SHARE-BASED COMPENSATION Share-Based Payment Arrangement [Text Block] Not Designated as Hedging Instrument Not Designated as Hedging Instrument [Member] Entity Address, City or Town Entity Address, City or Town Schedule of Recognized Identified Assets Acquired and Liabilities Assumed Schedule of Recognized Identified Assets Acquired and Liabilities Assumed [Table Text Block] Debt Instrument [Axis] Debt Instrument [Axis] Business Acquisition, Pro Forma Information, Nonrecurring Adjustment [Line Items] Business Acquisition, Pro Forma Information, Nonrecurring Adjustment [Line Items] Discount rate used to value In Process R&D Discount rate used to value In Process R&D Discount rate used to value In Process R&D Share-based Compensation Expense Share-Based Payment Arrangement, Expense Net income Net income Net income Net Income (Loss) Attributable to Parent Other operating expense (income), net Other Operating Income (Expense), Net Trading Arrangement: Trading Arrangement [Axis] Revenue from Contract with Customer, Including Assessed Tax Revenue from Contract with Customer, Including Assessed Tax Pay vs Performance Disclosure, Table Pay vs Performance [Table Text Block] Loans Insured or Guaranteed by US Government Authorities Loans Insured or Guaranteed by US Government Authorities [Member] Business Acquisition [Axis] Business Acquisition [Axis] Equity Awards Adjustments, Excluding Value Reported in Compensation Table Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member] Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member] Entity File Number Entity File Number Revenue from Contract with Customer [Text Block] Revenue from Contract with Customer [Text Block] Document Fiscal Year Focus Document Fiscal Year Focus Noncontrolling Interest Noncontrolling Interest [Member] Income Statement [Abstract] Income Statement [Abstract] Entity Address, Address Line One Entity Address, Address Line One Other comprehensive income (loss) before reclassifications OCI, before Reclassifications, before Tax, Attributable to Parent Long-term operating lease liabilities Business Combination, Recognized Identifiable Asset Acquired and Liability Assumed, Lease Obligation Repurchase of common stock Treasury Stock, Value, Acquired, Cost Method Treasury Stock, Value, Acquired, Cost Method Debt Instrument, Name [Domain] Debt Instrument, Name [Domain] Effect of exchange rate movements Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations Number of Foreign Currency Derivatives Held Number of Foreign Currency Derivatives Held Total assets measured at fair value Assets, Fair Value Disclosure Operating lease right-of-use assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease right-of-use assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease right-of-use assets Name Forgone Recovery, Individual Name 2029 Finite-Lived Intangible Asset, Expected Amortization, Year Five Document Period End Date Document Period End Date Finite-Lived Intangible Assets Acquired as Part of Business Combination [Table] Finite-Lived Intangible Assets Acquired as Part of Business Combination [Table] Long-term deferred revenue Deferred Revenue, Noncurrent Finished goods Inventory, Finished Goods, Net of Reserves Other non-cash expense (income), net Other Noncash Income (Expense) Award Timing MNPI Considered Award Timing MNPI Considered [Flag] Equity Securities, FV-NI, Realized Gain Equity Securities, FV-NI, Realized Gain Deferred revenue Increase (Decrease) in Deferred Revenue Line of Credit Facility, Lender [Domain] Line of Credit Facility, Lender [Domain] Insider Trading Arrangements [Line Items] Line of Credit facility Line of Credit Facility [Line Items] Timing of Transfer of Good or Service [Domain] Timing of Transfer of Good or Service [Domain] Outstanding Aggregate Erroneous Compensation Amount Outstanding Aggregate Erroneous Compensation Amount Operating lease liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease liabilities Other Current Assets [Member] Other Current Assets [Member] PEO Actually Paid Compensation Amount PEO Actually Paid Compensation Amount Accounts payable Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities, Accounts Payable Revenue recognized that was deferred as of the beginning of the period Contract with Customer, Liability, Revenue Recognized Adjustment to Compensation: Adjustment to Compensation [Axis] Other current assets Total other current assets Prepaid Expense and Other Assets, Current Accounts Receivable [Member] Accounts Receivable [Member] Net Income (Loss) Attributable to Noncontrolling Interest Net Income (Loss) Attributable to Noncontrolling Interest Foreign Exchange Contracts Foreign Exchange Contract [Member] Restricted cash included in other assets Restricted Cash and Cash Equivalents, Noncurrent Document Transition Report Document Transition Report Document Quarterly Report Document Quarterly Report Amounts reclassified into earnings related to derivative instruments, net of tax benefit (expense) of zero, $1, $1 and $1 Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after Tax Fair Value, Recurring and Nonrecurring [Table] Fair Value, Recurring and Nonrecurring [Table] Accumulated other comprehensive loss Beginning balance Ending balance Accumulated Other Comprehensive Income (Loss), Net of Tax Entity Current Reporting Status Entity Current Reporting Status Facility, Initiation Date Line of Credit Facility, Initiation Date Retained Earnings [Member] Retained Earnings [Member] Pension Adjustments Service Cost Pension Adjustments Service Cost [Member] Income Tax Authority, Name [Axis] Income Tax Authority, Name [Axis] Basic (in shares) Basic weighted-average shares Weighted Average Number of Shares Outstanding, Basic Stock Price or TSR Estimation Method Stock Price or TSR Estimation Method [Text Block] Foreign currency translation impact Contract Liabilities- translation impact Contract Liabilities- translation impact Stockholders' Equity, Balance beginning Stockholders' Equity, Balance ending Equity, Including Portion Attributable to Noncontrolling Interest Property, plant and equipment Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Property, Plant, and Equipment Increase (Decrease) in Stockholders' Equity [Roll Forward] Increase (Decrease) in Stockholders' Equity [Roll Forward] Executive Category: Executive Category [Axis] Loss Contingency Accrual, Payments Loss Contingency Accrual, Payments Other Nonoperating Gains (Losses) Other Nonoperating Gains (Losses) Commercial Communications Commercial Communications [Member] [Member] Commercial Communications Name Awards Close in Time to MNPI Disclosures, Individual Name Other accrued liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities, Other Loss Contingency, Range of Possible Loss, Portion Not Accrued Loss Contingency, Range of Possible Loss, Portion Not Accrued Debt and Equity Securities, Gain (Loss) [Abstract] Debt and Equity Securities, Gain (Loss) [Abstract] Finite Lived Intangible Assets, Foreign Currency Translation Gain (Loss) Finite-Lived Intangible Assets, Foreign Currency Translation Gain (Loss) Treasury Lock Treasury Lock [Member] Entity Filer Category Entity Filer Category Revenue, Remaining Performance Obligation, Amount Revenue, Remaining Performance Obligation, Amount Business Acquisition, Pro Forma Information, Nonrecurring Adjustments [Table] Business Acquisition, Pro Forma Information, Nonrecurring Adjustments [Table] Income Statement Location [Domain] Statement of Income Location, Balance [Domain] Company Selected Measure Name Company Selected Measure

Name Condensed Balance Sheet Statement [Table] Condensed Balance Sheet Statement [Table] EX-101.PRE 13 keys-20240731_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT XML 15 R1.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Cover Page - shares 9 Months Ended Jul. 31, 2024 Aug. 26, 2024 Cover [Abstract] Â Â Document Type 10-Q Â Document Quarterly Report true Â Document Period End Date Jul. 31, 2024 Â Entity Central Index Key 0001601046 Â Current Fiscal Year End Date --10-31 Â Document Fiscal Year Focus 2024 Â Document Fiscal Period Focus Q3 Â Amendment Flag false Â Document Transition Report false Â Entity File Number 001-36334 Â Entity Registrant Name KEYSIGHT TECHNOLOGIES,Â INC. Â Entity Incorporation, State or Country Code DE Â Entity Tax Identification Number 46-4254555 Â Entity Address, Address Line One 1400 Fountaingrove Parkway Â Entity Address, City or Town Santa Rosa Â Entity Address, State or Province CA Â Entity Address, Postal Zip Code 95403 Â City Area Code (800) Â Local Phone Number 829-4444 Â Title of 12(b) Security Common Stock, par value $0.01 per share Â Trading Symbol KEYS Â Security Exchange Name NYSE Â Entity Current Reporting Status Yes Â Entity Interactive Data Current 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 Common Stock, Shares Outstanding Â 173,543,355 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 - DefinitionCover page. + ReferencesNo definition available. + Details Name: dei_CoverAbstract Namespace Prefix: dei_ Data Type: xbrli:stringItemType 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 - 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 - 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 by 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 XML 16 R2.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS (Unaudited) - USD ($) shares in Millions, $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Net revenue: Â Â Â Â Revenues $ 1,217 $ 1,382 $ 3,692 $ 4,153 Costs and expenses: Â Â Â Â Cost of Goods and Services Sold 462 486 1,361 1,465 Research and development 226 215 686 664 Selling, general and administrative 329 319 1,052 994 Other operating expense (income), net (5) (3) (10) (11) Total costs and expenses 1,012 1,017 3,089 3,112 Income from operations 205 365 603 1,041 Interest income 19 29 60 70 Interest expense (21) (19) (61) (58) Other income (expense), net 10 14 15 28 Income before taxes 213 389 617 1,081 Provision (benefit) for income taxes (176) 101 (70) 250 Net Income (Loss), Including Portion Attributable to Noncontrolling Interest, Total 389 288 691 831 Net income $ 389 $ 288 $ 687 $ 831 Net income per share: Â Â Â Â Basic (in dollars per share) $ 2.23 $ 1.62 $ 3.94 $ 4.66 Diluted (in dollars per share) $ 2.22 $ 1.61 $ 3.92 $ 4.63 Weighted average shares used in computing net income per share: Â Â Â Â Basic (in shares) 174 178 174 178 Diluted (in shares) 175 179 175 179 Retained Earnings [Member] Â Â Â Â Costs and expenses: Â Â Â Â Net income $ 389 $ 288 $ 687 $ 831 Products Â Â Â Â Net revenue: Â Â Â Â Revenues 900 1,099 2,761 3,321 Costs and expenses: Â Â Â Â Cost of Goods and Services Sold 360 391 1,069 1,180 Services and other Â Â Â Â Net revenue: Â Â Â Â Revenues 317 283 931 832 Costs and expenses: Â Â Â Â Cost of Goods and Services Sold $ 102 $ 95 $ 292 $ 285 X - DefinitionThe aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities. + 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(2)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 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)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: 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 + Details Name: us-gaap_CostOfGoodsAndServicesSold Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionTotal costs of sales and operating expenses for the period. + 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) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_CostsAndExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CostsAndExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na 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/1943274/2147483443/250-10-50-3Reference 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/1943274/2147478524/942-220-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 - 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 nonoperating. + 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/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_InterestExpenseNonoperating Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount before accretion (amortization) of purchase discount (premium) of interest income on nonoperating securities. + ReferencesReference 1: 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/1943274/2147482810/280-10-50-22Reference 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 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 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/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_InvestmentIncomeInterest 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 -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 - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + 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/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 3: 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 4: 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 5: 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 6: 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 7: 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 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit 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 - DefinitionThe 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. + ReferencesNo definition available. + Details Name: us-gaap_OtherOperatingIncomeExpenseNet 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 from 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 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/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenuesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na 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 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 - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType 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 X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_RetainedEarningsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=us-gaap_ProductMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=us-gaap_ServiceMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 17 R3.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Statement of Comprehensive Income [Abstract] Â Â Â Â Net income $ 389 $ 288 $ 687 $ 831 Other comprehensive income (loss): Â Â Â Â Gain (loss) on derivative instruments, net of tax benefit (expense) of zero, $(1), zero and $5 0 2 1 (18) Amounts reclassified into earnings related to derivative instruments, net of tax benefit (expense) of zero, $1, $1 and $1 (3) 0 (7) (3) Foreign currency translation, net of tax benefit (expense) of zero 32 (9) 27 61 Change in net actuarial loss, net of tax expense of $1, $1, $3 and $3 3 4 8 12 Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Total 32 (3) 29 52 Total comprehensive income $ 421 $ 285 $ 716 $ 883 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 - 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 after tax, before 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://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 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (c) -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 (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481839/830-10-45-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482014/830-20-35-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-12 + Details Name: us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationGainLossArisingDuringPeriodNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit 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, 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 - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na 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, of reclassification adjustment from accumulated other comprehensive income (loss) for gain (loss) 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/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 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_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit 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 18 R4.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) (Parenthetical) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Other comprehensive income (loss), tax, parenthetical disclosures [Abstract] Â Â Â Â Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, Tax $ 0 $ (1) $ 0 $ 5 Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, Tax 0 1 1 1 Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Tax 0 0 0 0 Net defined benefit pension cost and post retirement plan costs, tax [Abstract] Â Â Â Â Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss) Arising During Period, Tax $ 1 $ 1 $ 3 $ 3 X - DefinitionAmount of tax expense (benefit) for (increase) decrease in value of benefit obligation for change in actuarial assumptions and increase (decrease) in value of plan assets from experience different from that assumed 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 12 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12 + Details Name: us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansNetUnamortizedGainLossArisingDuringPeriodTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansTaxAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na 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 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 of tax expense (benefit), after 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://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 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481956/830-20-45-5Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-21 + Details Name: us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTranslationAdjustmentTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossTaxParentheticalDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 19 R5.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Current assets: Â Â Cash and cash equivalents $ 1,632 $ 2,472 Accounts receivable, net 802 900 Inventory 1,026 985 Other current assets 536 452 Total current assets 3,996 4,809 Property, plant and equipment, net 776 761 Operating lease right-of-use assets 234 226 Goodwill 2,391 1,640 Other intangible assets, net 637 155 Long-term investments 107 81 Long-term deferred tax assets 678 671 Other assets 504 340 Total assets 9,323 8,683 Current liabilities: Â Â Current portion of long-term debt 600 599 Accounts payable 280 286 Employee compensation and benefits 262 304 Deferred revenue 537 541 Income and other taxes payable 85 90 Operating lease liabilities 43 40 Other accrued liabilities 142 189 Total current liabilities 1,949 2,049 Long-term debt 1,196 1,195 Retirement and post-retirement benefits 71 64 Long-term deferred revenue 207 216 Long-term operating lease liabilities 197 192 Other long-term liabilities 473 313 Total liabilities 4,093 4,029 Commitments and contingencies (Note 13) Stockholders' equity: Â Â Preferred stock; $0.01 par value; 100 million shares authorized; none issued and outstanding 0 0 Common stock; $0.01 par value; 1 billion shares authorized; issued and outstanding shares: 201 million and 200 million, respectively 2 2 Treasury stock, at cost; 27.5 million shares and 25.4 million shares, respectively 3,270 2,980 Additional paid-in-capital 2,637 2,487 Retained earnings 6,298 5,611 Accumulated other comprehensive loss (437) (466) Total stockholders' equity 5,230 4,654 Total liabilities and equity $ 9,323 $ 8,683 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 - 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 of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock. + 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/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-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(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapital 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/1943274/2147483467/210-10-45-1Reference 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 - 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 deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable, classified as current. + 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(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DeferredRevenueCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable, 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(26)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DeferredRevenueNoncurrent 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 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 - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher

FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1 + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwill 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/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of 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, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as current. Excludes lease obligation. + 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(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as noncurrent. Excludes lease obligation. +

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(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe total amount of investments that are intended to be held for an extended period of time (longer than one operating cycle). + 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(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset 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 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 liabilities classified as other, due after 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(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherLiabilitiesNoncurrent 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 pension and other postretirement plans, classified as 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://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 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -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 5: 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 + Details Name: us-gaap_PensionAndOtherPostretirementDefinedBenefitPlansLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred 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(28)) -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)(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_PreferredStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit 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 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 -SubTopic 10 -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(4)) -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 - 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 X - DefinitionAmount allocated to previously issued common shares repurchased by the issuing entity and held in treasury. + 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)) -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 505 -SubTopic 30 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481520/505-30-50-4Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockCommonValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 20 R6.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) (Parenthetical) -

$ / shares shares in Thousands Jul. 31, 2024 Oct. 31, 2023 Stockholders' equity: Â Â Preferred stock, par value (in dollars per share) $ 0.01 $ 0.01 Preferred stock, shares authorized (in shares) 100,000 100,000 Preferred Stock, Shares Issued 0 0 Preferred Stock, Shares Outstanding 0 0 Common stock, par value (in dollars per share) $ 0.01 $ 0.01 Common stock, shares authorized (in shares) 1,000,000 1,000,000 Common Stock, Shares, Issued 201,000 200,000 Treasury Stock, Common, Shares 27,500 25,400 X - DefinitionFace amount or stated value per share of common stock. + 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-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + 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/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + 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-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionFace amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer. + 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(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: 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 + Details Name: us-gaap_PreferredStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws. + 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(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_PreferredStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt. + 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(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: 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 + Details Name: us-gaap_PreferredStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased. + 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(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: 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 3: 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 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(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -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 + Details Name: us-gaap_PreferredStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na 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 - DefinitionNumber of previously issued common shares repurchased by the issuing entity and held in treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockCommonShares Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant XML 21 R7.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (Unaudited) - USD ($) $ in Millions 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Cash flows from operating activities: Â Â Net income $ 687 $ 831 Adjustments to reconcile net income to net cash provided by operating activities: Â Â Depreciation 94 90 Amortization 108 72 Share-based compensation 111 110 Deferred tax expense (benefit) (21) 10 Excess and obsolete inventory-related charges 26 19 Other non-cash expense (income), net (5) (13) Changes in assets and liabilities: Â Â Accounts receivable 130 32 Inventory (51) (126) Accounts payable (4) (54) Employee compensation and benefits (69) (87) Deferred revenue (35) 41 Income taxes payable (24) (28) Interest rate swap agreement termination proceeds 0 107 Prepaid assets (25) (33) Long-term tax receivable (165) 0 Other assets and liabilities (64) 59 Net cash provided by operating activities 693 1,030 Cash flows from investing activities: Â Â Investments in property, plant and equipment (116) (158) Acquisition of businesses and intangible assets, net of cash acquired (673) (85) Other investing activities 8 (7) Net cash used in investing activities (781) (250) Cash flows from financing activities: Â Â Proceeds from issuance of common stock under employee stock plans 65 67 Payment of taxes related to net share settlement of equity awards (31) (49) Acquisition of non-controlling interests (458) 0 Treasury stock repurchases (289) (276) Repayment of debt (24) 0 Other financing activities (16) (1) Net cash used in financing activities (753) (259) Effect of exchange rate movements 2 10 Net increase (decrease) in cash, cash equivalents, and restricted cash (839) 531 Cash, cash equivalents, and restricted cash at beginning of period 2,488 2,057 Cash, cash equivalents, and restricted cash at end of period 1,649 2,588 Supplemental Cash Flow Elements [Abstract] Â Â Interest payments 38 37 Income tax paid, net 130 268 Investments in property, plant and equipment included in accounts payable $ 17 $ 23 X - DefinitionInterest rate swap agreement termination proceeds + ReferencesNo definition available. + Details Name: keys_InterestRateSwapAgreementTerminationProceeds Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate amount of recurring noncash expense charged against earnings in the period to allocate the cost of assets over their estimated remaining economic lives. + 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_AdjustmentForAmortization Namespace Prefix: us-gaap_ 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 - DefinitionFuture cash outflow to pay for purchases of fixed assets that have occurred. + 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_CapitalExpendituresIncurredButNotYetPaid Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit 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/1943274/2147482913/230-10-50-8Reference 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 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 amount of expense recognized in the current period that reflects the allocation of the cost of tangible assets over the assets' useful lives. Includes production and non-production related depreciation. + 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 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_Depreciation 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, after refund, of cash paid to foreign, federal, state, and local jurisdictions as income tax. + ReferencesReference 1: 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/1943274/2147482913/230-10-50-2AReference 2: 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/1943274/2147482685/740-10-50-23Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-22Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2 + Details Name: us-gaap_ IncomeTaxesPaidNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount 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. + 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_IncreaseDecreaseInAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit 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_IncreaseDecreaseInAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the period in the amount due for taxes based on the reporting entity's earnings or attributable to the entity's income earning process (business presence) within a given jurisdiction. + 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_IncreaseDecreaseInAccruedIncomeTaxesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the period in accrued salaries. + 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_IncreaseDecreaseInAccruedSalaries Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -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_IncreaseDecreaseInDeferredRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in income taxes receivable, which represents the amount due from tax authorities for refunds of overpayments or recoveries of income taxes 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_IncreaseDecreaseInIncomeTaxesReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit 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 operating assets after deduction of operating liabilities 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_IncreaseDecreaseInOtherOperatingCapitalNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the amount of outstanding money paid in advance for goods or services that bring economic benefits for future periods. + 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_IncreaseDecreaseInPrepaidExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash paid for interest, excluding capitalized interest, classified as operating activity. Includes, but is not limited to, payment to settle zero-coupon bond for accreted interest of debt discount and debt instrument with insignificant coupon interest rate in relation to effective interest rate of borrowing attributable to accreted interest of debt discount. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2 + Details Name: us-gaap_InterestPaidNet 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 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 - 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 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 - DefinitionThe cash outflow to reacquire common stock during the period. + 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_PaymentsForRepurchaseOfCommonStock 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 acquisition of a business, net of the cash acquired from the purchase. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireBusinessesNetOfCashAcquired 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 to a noncontrolling interest. Includes, but not limited to, reduction of noncontrolling interest ownership. Excludes dividends paid to the noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsToMinorityShareholders Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow from issuance of shares under share-based payment arrangement. Includes, but is not limited to, option exercised. + 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_ProceedsFromIssuanceOfSharesUnderIncentiveAndShareBasedCompensationPlansIncludingStockOptions 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 - DefinitionAmount of cash outflow for short-term and long-term debt. Excludes payment of lease obligation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -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_RepaymentsOfDebt 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 X - ReferencesNo definition available. + Details Name: us-gaap_SupplementalCashFlowElementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 22 R8.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENT OF EQUITY Statement - USD ($) $ in Millions Total ESI Group SA Common Stock [Member] Additional Paid-in Capital [Member] Treasury Stock, Common Retained Earnings [Member] AOCI Including Portion Attributable to Noncontrolling Interest [Member] Noncontrolling Interest ESI Group SA Net Income (Loss), Including Portion Attributable to Noncontrolling Interest, Total $ 831 Â Â Â Â Â Â Â Common Stock, Shares, Outstanding beginning at Oct. 31, 2022 Â Â 198,569,000 Â Â Â Â Â Â Treasury Stock, Shares beginning at Oct. 31, 2022 Â Â Â Â (20,536,000) Â Â Â Stockholders' Equity, Balance beginning at Oct. 31, 2022 4,161 Â $ 2 $ 2,333 $ (2,274) $ 4,554 $ (454) Â Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Â Â Â Issuance of common stock (shares) Â Â 1,179,000 Â Â Â Â Â Issuance of common stock 67 Â Â 67 Â Â Â Â Taxes related to net share settlement of equity awards (49) Â Â (49) Â Â Â Â Share-based compensation $ 111 Â Â 111 Â Â Â Â Treasury Stock, Shares, Acquired (1,640,236) Â Â Â (1,640,000) Â Â Â Repurchase of common stock $ (276) Â Â Â $ (276) Â Â Â Net income 831 Â Â Â Â 831 Â Â Other comprehensive income (loss), net of tax 52 Â Â Â Â Â 52 Â Common Stock, Shares, Outstanding ending at Jul. 31, 2023 Â Â 199,748,000 Â Â Â Â Â Treasury Stock, Shares ending at Jul. 31, 2023 Â Â Â Â (22,176,000) Â Â Â Stockholders' Equity, Balance ending at Jul. 31, 2023 4,897 Â $ 2 2,462 $ (2,550) 5,385 (402) Â Net Income (Loss), Including Portion Attributable to Noncontrolling Interest, Total 288 Â Â Â Â Â Â Â Common Stock, Shares, Outstanding beginning at Apr. 30, 2023 Â Â 199,398,000 Â Â Â Â Â Treasury Stock, Shares beginning at Apr. 30, 2023 Â Â Â Â (21,247,000) Â Â Â Stockholders' Equity, Balance beginning at Apr. 30, 2023 4,705 Â $ 2 2,404 $ (2,399) 5,097 (399) Â Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Â Â Â Issuance of common stock (shares) Â Â 350,000 Â Â Â Â Â Issuance of common stock 34 Â Â 34 Â Â Â Â Taxes related to net share settlement of equity awards (2) Â Â (2) Â Â Â Â Share-based compensation 26 Â Â 26 Â Â Â Â Treasury Stock, Shares, Acquired Â Â Â Â (929,000) Â Â Â Repurchase of common stock (151) Â Â Â $ (151) Â Â Â Net income 288 Â Â Â Â 288 Â Â Other comprehensive income (loss), net of tax (3) Â Â Â Â Â (3) Â Common Stock, Shares, Outstanding ending at Jul. 31, 2023 Â Â 199,748,000 Â Â Â Â Â Treasury Stock, Shares ending at Jul. 31, 2023 Â Â Â Â (22,176,000) Â Â Â Stockholders' Equity, Balance ending at Jul. 31, 2023 4,897 Â $ 2 2,462 $ (2,550) 5,385 (402) Â Net Income (Loss), Including Portion Attributable to Noncontrolling Interest, Total $ 691 Â Â Â Â Â Â Â Common Stock, Shares, Outstanding beginning at Oct. 31, 2023 Â Â 199,771,000 Â Â Â Â Â Treasury Stock, Shares beginning at Oct. 31, 2023 25,400,000 Â Â Â (25,449,000) Â Â Â Stockholders' Equity, Balance beginning at Oct. 31, 2023 $ 4,654 $ 0 $ 2 2,487 $ (2,980) 5,611 (466) Â Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Â Â Â Issuance of common stock (shares) Â Â 1,199,000 Â Â Â Â Â Issuance of common stock 65 Â Â 65 Â Â Â Â Taxes related to net share settlement of equity awards (31) Â Â (31) Â Â Â Â Share-based compensation $ 112 Â Â 112 Â Â Â Â Treasury Stock, Shares, Acquired (2,000,882) Â Â Â (2,001,000) Â Â Â Repurchase of common stock $ (290) Â Â Â $ (290) Â Â Net income 687 Â Â Â Â 687 Â Â Other comprehensive income (loss), net of tax 29 Â Â Â Â Â 29 Â Net Income (Loss) Attributable to Noncontrolling Interest Â Â Â Â Â Â Â $ 4 Noncontrolling Interest, Increase from Business Combination 458 Â Â Â Â Â Â 458 Noncontrolling Interest, Decrease from Redemptions or Purchase of Interests $ (458) Â Â 4 Â Â Â $ (462) Common Stock, Shares, Outstanding ending at Jul. 31, 2024 Â Â 200,970,000 Â Â Â Â Â Treasury Stock, Shares ending at Jul. 31, 2024 27,500,000 Â Â Â (27,450,000) Â Â Â Stockholders' Equity, Balance ending at Jul. 31, 2024 $ 5,230 0 $ 2 2,637 $ (3,270) 6,298 (437) Â Net Income (Loss), Including Portion Attributable to Noncontrolling Interest, Total 389 Â Â Â Â Â Â Â Common Stock, Shares, Outstanding beginning at Apr. 30, 2024 Â Â 200,655,000 Â Â Â Â Â Treasury Stock, Shares beginning at Apr. 30, 2024 Â Â Â Â (26,376,000) Â Â Â Stockholders' Equity, Balance beginning at Apr. 30, 2024 4,903 0 $ 2 2,580 $ (3,119) 5,909 (469) Â Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Â Â Â Issuance of common stock (shares) Â Â 315,000 Â Â Â Â Â Issuance of common stock 32 Â Â 32 Â Â Â Â Taxes related to net share settlement of equity awards (3) Â Â (3) Â Â Â Â Share-based compensation 28 Â Â 28 Â Â Â Â Treasury Stock, Shares, Acquired Â Â Â Â (1,074,000) Â Â Â Repurchase of common stock (151) Â Â Â $ (151) Â Â Â Net income 389 Â Â Â Â 389 Â Â Other comprehensive income (loss), net of tax $ 32 Â Â Â Â Â Â 32 Â Common Stock, Shares, Outstanding ending at Jul. 31, 2024 Â Â 200,970,000 Â Â Â Â Â Treasury Stock, Shares ending at Jul. 31, 2024 27,500,000 Â Â Â (27,450,000) Â Â Â Stockholders' Equity, Balance ending at Jul. 31, 2024 $ 5,230 $ 0 $ 2 $ 2,637 $ (3,270) $ 6,298 $ (437) Â X - DefinitionAmount of decrease to equity for grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) to additional paid in capital (APIC) resulting from changes in fair value of common and preferred stock issued to employee benefit trust but unearned. + 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://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_AdjustmentsToAdditionalPaidInCapitalMarkToMarket Namespace Prefix: us-gaap_ 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 - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + 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://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 3: 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 4: 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 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -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 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInStockholdersEquityRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDecrease in noncontrolling interest (for example, but not limited to, redeeming or purchasing the interests of noncontrolling shareholders, issuance of shares (interests) by the non-wholly owned subsidiary to the parent entity for other than cash, and a buyback of shares (interest) by the non-wholly owned subsidiary from the noncontrolling interests). + 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-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-23Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-24 + Details Name: us-gaap_MinorityInterestDecreaseFromRedemptions 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 - DefinitionAmount of increase in noncontrolling interest from a business combination. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 10 -Section S99 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(2) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_NoncontrollingInterestIncreaseFromBusinessCombination 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 - 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 - DefinitionNumber, after forfeiture, of shares or units issued under share-based payment arrangement. Excludes shares or units issued under employee stock ownership plan (ESOP). + 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://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-S99-1Reference 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(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: 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_StockIssuedDuringPeriodSharesShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType 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 - DefinitionNumber of previously issued common shares repurchased by the issuing entity and held in treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockCommonShares Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares that have been repurchased during the period and are being held in treasury. + 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://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 3: 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_TreasuryStockSharesAcquired Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionEquity impact of the cost of common and preferred stock that were repurchased during the period. Recorded using the cost method. + 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://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-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockValueAcquiredCostMethod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 23 R9.htm IDEA: XBRL DOCUMENT v3.24.2.u1 OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES 9 Months Ended Jul. 31, 2024 Accounting Policies [Abstract] Â OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES 1.Â Â Â Â OVERVIEW AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIESOverview. Keysight Technologies, Inc. (â€œwe,â€ â€œus,â€ â€œKeysightâ€ or the â€œcompanyâ€), incorporated in Delaware on December 6, 2013, is a global innovator in the computing, communications and electronics market, committed to advancing our customersâ€™ business success by helping them solve critical challenges in the development and commercialization of their products and services. Our mission, â€œaccelerating innovation to connect and secure the world,â€ speaks to the value we provide our customers in a world of ever-increasing technological complexity. We deliver this value through a broad range of design and test solutions that address the critical challenges our customers face in bringing their innovations to market faster.Our fiscal year-end is OctoberÂ 31, and our fiscal quarters end on JanuaryÂ 31, AprilÂ 30 and JulyÂ 31. Unless otherwise stated, these dates refer to our fiscal year and fiscal quarters.Basis of Presentation. We have prepared the accompanying financial statements pursuant to the rules and regulations of the Securities and Exchange Commission (â€œSECâ€). Certain information and footnote disclosures normally included in financial statements prepared in accordance with generally accepted accounting principles in the U.S. (â€œGAAPâ€) have been condensed or omitted pursuant to such rules and regulations. The accompanying financial statements and information should be read in conjunction with our Annual Report on Form 10-K.In the opinion of management, the accompanying condensed consolidated financial statements contain all normal and recurring adjustments necessary to state fairly our financial position as of July 31, 2024 and October 31, 2023, results of operations for the three and nine months ended July 31, 2024 and 2023, and cash flows for the nine months ended July 31, 2024 and 2023.Principles of consolidation. The condensed consolidated financial statements include the accounts of the company and our wholly- and majority-owned subsidiaries. All significant inter-company transactions have been eliminated. The condensed consolidated financial statements also reflect the impact of non-controlling interests. Non-controlling interests do not have a significant impact on the condensed consolidated results of operations; therefore, net income attributable to non-controlling interests for the nine months ended July 31, 2024 of $4Â million is not presented separately and is included in â€œother income (expense), netâ€ in the condensed consolidated statements of operations.Use of Estimates. The preparation of condensed consolidated financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the amounts reported in our condensed consolidated financial statements and accompanying notes. Management bases its estimates on historical experience and various other assumptions believed to be reasonable. Although these estimates are based on managementâ€™s knowledge of current events and actions that may impact the company in the future, actual results may be different from the estimates. Update to Significant Accounting Policies. There have been no material changes to our significant accounting policies as described in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023.New Accounting Pronouncements. Amendments to GAAP that do not require adoption until a future date are not expected to have a material impact on the condensed consolidated financial statements upon adoption. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the general note to the financial statements for the reporting entity which may include, descriptions of the basis of presentation, business description, significant accounting policies, consolidations, reclassifications, new pronouncements not yet adopted and changes in accounting principles. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContentReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 275 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/275/tableOfContentReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/810/tableOfContentReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 250 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/250/tableOfContent + Details Name: us-gaap_OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 24 R10.htm IDEA: XBRL DOCUMENT v3.24.2.u1 ACQUISITIONS 9 Months Ended Jul. 31, 2024 Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract] Â Business Combination Disclosure 2.Â Â Â Â ACQUISITIONSAcquisition of ESI Group SAOn November 3, 2023, we acquired 50.6% of the share capital of ESI Group SA (â€œESI Groupâ€) for $477Â million, net of cash acquired, using existing cash. During January 2024, we completed the acquisition of the remaining share capital of ESI Group for $458Â million, using existing cash. The company entered into put/call agreements valued at $7Â million for certain ESI Group equity awards, subject to a holding period that may extend beyond the explicit vesting period, for the right to receive a cash payment equal to the public tender offer consideration of 155 euros per share, which was substantially paid in the third quarter of fiscal year 2024. For the three and nine months ended July 31, 2024, ESI Group's net revenue was $25Â million and $119Â million, respectively. For the three and nine months ended JulyÂ 31, 2024, ESI Group's net loss attributable to Keysight shareholders was $27Â million and $47Â million, respectively.The ESI Group acquisition was accounted for in accordance with the authoritative accounting guidance. The acquired assets and assumed liabilities were recorded by Keysight at their estimated fair values. Keysight determined the estimated fair values with the assistance of valuations performed by third party specialists, discounted cash flow analysis, and estimates made by management. The acquisition of ESI Group expands our application layer portfolio with simulation capabilities that are critical to accelerate innovation in multiple end markets. These factors, among others, contributed to a purchase price in excess of the estimated fair value of ESI Group's net identifiable assets acquired (see summary of net assets below), and, as a result, we have recorded goodwill in connection with this transaction. Goodwill was assigned to the Communications Solutions Group (â€œCSGâ€) and the Electronic Industrial Solutions Group (â€œEISGâ€) reportable segments, based on the expected benefits and synergies that are likely to be realized from the ESI Group acquisition. We do not expect the goodwill recognized or any potential impairment charges in the future to be deductible for income tax purposes. A portion of the overall purchase price was allocated to acquired intangible assets. Amortization expense associated with acquired intangible assets is not deductible for tax purposes. Therefore, a deferred tax liability of $98Â million was established primarily for the future amortization of these intangibles and is included in â€œother long-term liabilitiesâ€ in the table below.The following table summarizes the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed on the closing date:November 3, 2023(in millions)Cash and cash equivalents$35Â Short-term investments12Accounts receivable28Other current assets18Property, plant and equipment4Operating lease right-of-use assets8Goodwill603Other intangible assets494Other assets3Total assets acquired1,205Â Accounts payable(8)Employee compensation and benefits(23)Deferred revenue(14)Income and other taxes

payable(11)Operating lease liabilities(3)Other accrued liabilities(18)Debt(24)Retirement and post-retirement benefits(7)Long-term operating lease liabilities(5)Other long-term liabilities(115)Net assets acquired$977Â The fair values of cash and cash equivalents, short-term investments, accounts receivable, other current assets, accounts payable, employee compensation and benefits, and deferred revenue were generally determined using historical carrying values given the short-term nature of these assets and liabilities. The fair value for intangible assets was determined with the input from third-party valuation specialists. The fair values of property, plant and equipment and certain other liabilities were determined internally using historical carrying values and estimates made by management. During the second quarter of fiscal year 2024, the company decreased the deferred tax liability and goodwill by $8 million primarily for a timing difference in the recognition of research and development expenses. During the third quarter of fiscal year 2024, the company increased income and other taxes payable and other long-term liabilities by $3 million and $5 million, respectively, offset against goodwill, primarily for tax liabilities and uncertain tax positions. As additional information becomes available, we may revise the preliminary purchase price allocation during the remainder of the measurement period (which will not exceed 12 months from the acquisition date). Any such revisions or changes may be material.Valuation of Intangible Assets AcquiredThe components of intangible assets acquired in connection with the ESI Group acquisition were as follows:EstimatedÂ Fair ValueEstimatedÂ usefulÂ life(in millions)(in years)DevelopedÂ technology$270Â 6CustomerÂ relationships1606Backlog153Trademarks/Tradename22TotalÂ amortizable intangibleÂ assets447In-processÂ researchÂ andÂ development47TotalÂ intangibleÂ assets$494Â As noted above, the intangible assets were valued with input from valuation specialists using the income approach, which includes the discounted cash flow, with and without, and relief from royalty methods. The in-process research and development was valued using the multi-period excess earnings method under the income approach by discounting forecasted cash flows directly related to the products expecting to result from the projects, net of returns on contributory assets. A discount rate of 12% was used to value the research and development projects to reflect the additional risks inherent in the acquired projects. The primary in-process projects acquired relate to next generation products which will be released in the near future. Total costs to complete for all ESI Group in-process research and development were estimated at approximately $7Â million as of the close date.Acquisition and integration costs directly related to the ESI Group acquisition are recorded in selling, general and administrative expenses, other operating expense (income), net and other income (expense), net, and were $9Â million and $30Â million for the three and nine months ended July 31, 2024, respectively. For the three and nine months ended July 31, 2024, we incurred $3 million and $9 million, respectively, of acquisition-related compensation expense to redeem certain of ESI Group's outstanding unvested stock awards as of the date of the acquisition that were determined to relate to post-merger service periods.The following represents pro forma operating results as if ESI Group had been included in the company's condensed consolidated statements of operations as of the beginning of fiscal 2023:Three Months EndedNine Months EndedJuly 31,July 31,20242023202420232023(in millions, except per-share amounts)Net revenue$1,217Â $1,409Â $3,692Â $4,276Â Net income$398Â $260Â $717Â $785Â Net income per share - Basic$2.28Â $1.46Â $4.11Â $4.41Â Net income per share - Diluted$2.27Â $1.45Â $4.09Â $4.38Â The unaudited pro forma financial information for the three and nine months ended July 31, 2024 and 2023 combines the historical results of Keysight and ESI Group for the three and nine months ended July 31, 2024 and 2023, assuming that the companies were combined as of November 1, 2022 and includes business combination accounting effects from the acquisition including amortization charges from acquired intangible assets and tax-related effects. The pro forma information as presented above is for informational purposes only and is not indicative of the results of operations that would have been achieved if the acquisition had taken place at the beginning of fiscal 2023.Acquisition of Riscure Holding B.V. On February 21, 2024, we acquired all the outstanding share capital of Riscure Holding B.V. (â€œRiscureâ€) for $78Â million, net of cash acquired, expanding our automated security assessment capabilities and solutions for semiconductors, embedded systems, and connected devices. We recognized goodwill and other intangible assets of $52Â million and $35Â million, respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed. Goodwill was assigned to the CSG reportable segment, based on the expected benefits and synergies that are likely to be realized from the Riscure acquisition. We do not expect the goodwill recognized or any potential impairment charges in the future to be deductible for income tax purposes.Acquisition of AnaPico AGOn June 12, 2024, we acquired all the outstanding share capital of AnaPico AG (â€œAnaPicoâ€) for $117Â million, net of cash acquired, accelerating our strategy to expand our customer base in chipset, device, automotive, aerospace, defense, and government markets. We recognized goodwill and other intangible assets of $65Â million and $53Â million respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed. X - ReferencesNo definition available. + Details Name: us-gaap_BusinessCombinationAndAssetAcquisitionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for a business combination (or series of individually immaterial business combinations) completed during the period, including background, timing, and recognized assets and liabilities. The disclosure may include leverage buyout transactions (as applicable). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-5Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/805/tableOfContent + Details Name: us-gaap_BusinessCombinationDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 25 R11.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE (Notes) 9 Months Ended Jul. 31, 2023 Revenue from Contract with Customer [Abstract] Â Revenue from Contract with Customer [Text Block] 3.Â Â Â Â REVENUEDisaggregation of RevenueWe disaggregate our revenue from contracts with customers by geographic region, end market, and timing of revenue recognition, as we believe these categories best depict how the nature, amount, timing and uncertainty of our revenue and cash flows are affected by economic factors. Disaggregated revenue is presented for each of our reportable segments, CSG and EISG.Three Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)RegionAmericas$402Â $98Â $500Â $446Â $110Â $556Â Europe125Â 96Â 221Â 139Â 104Â 243Â Asia Pacific320Â 176Â 496Â 333Â 250Â 583Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â End MarketAerospace, Defense & Government$275Â $â€”Â $275Â $307Â $â€”Â $307Â Commercial Communications572Â â€”Â 572Â 611Â â€”Â 611Â Electronic Industrialâ€”Â 370Â 370Â â€”Â 464Â 464Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â Timing of Revenue RecognitionRevenue recognized at a point in time$660Â $298Â $958Â $749Â $395Â $1,144Â Revenue recognized over time187Â 72Â 259Â 169Â 69Â 238Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â Nine Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)RegionAmericas$1,216Â $290Â $1,506Â $1,322Â $312Â $1,634Â Europe384Â 320Â 704Â 414Â 315Â 729Â Asia Pacific926Â 556Â 1,482Â 1,058Â 732Â 1,790Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â End MarketAerospace, Defense & Government$847Â $â€”Â $847Â $927Â $â€”Â $927Â Commercial Communications1,679Â â€”Â 1,679Â 1,867Â â€”Â 1,867Â Electronic Industrialâ€”Â 1,166Â 1,166Â â€”Â 1,359Â 1,359Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Timing of Revenue RecognitionRevenue recognized at a point in time$1,972Â $951Â $2,923Â $2,301Â $1,165Â $3,466Â Revenue recognized over time554Â 215Â 769Â 493Â 194Â 687Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Our point-in-time revenues are generated predominantly from the sale of various types of design and test software and hardware, and per-incident repair and calibration services. Perpetual software and the portion of term software subscription revenue in this category represent revenue recognized upfront upon transfer of control at the time of electronic delivery. Revenue on per-incident repair and calibration services is recognized when services are performed. Over-time revenues are generated predominantly from the repair and calibration contracts, extended warranties, technical support for hardware and software, certain software subscription and Software as a Service (â€œSaaSâ€) product offerings, and professional services. Technical support for software and when-and-if available software updates and upgrades are sold either together with our software licenses and software subscriptions, including SaaS, or separately as part of our customer support programs. Additionally, we provide custom solutions that include combinations of hardware, software, software subscriptions, installation, professional services, and other support services, and revenue may be recognized either up front upon delivery or over time depending upon the terms of the contract.Contract BalancesContract assets Contract assets consist of unbilled receivables and are recorded when revenue is recognized in advance of scheduled billings to our customers. These amounts are primarily related to solutions and support arrangements when transfer of control has occurred but we have not yet invoiced. The contract assets balance was $91 million and $58 million as of July 31, 2024 and October 31, 2023, respectively, and is included in â€œaccounts receivables, netâ€ and â€œother assetsâ€ in the condensed consolidated balance sheet.Contract costsWe capitalize direct and incremental costs incurred to acquire contracts for which the associated revenue is expected to be recognized in future periods. We have determined that certain employee and third-party representative commission programs meet the requirements to be capitalized. These costs are initially deferred and typically amortized over the term of the customer contract which corresponds to the period of benefit. Capitalized contract costs were $37 million and $43 million as of July 31, 2024 and October 31, 2023, respectively, and are included in â€œother current assetsâ€ and â€œother assetsâ€ in the condensed consolidated balance sheet. The amortization expense associated with these capitalized costs was $13 million and $43 million for the three and nine months ended July 31, 2024, respectively, and $13Â million and $50Â million for the corresponding periods last year.Contract liabilities Our contract liabilities consist of deferred revenue that arises when we receive consideration in advance of providing the goods or services promised in the contract. Contract liabilities are primarily generated from customer deposits received in advance of shipments for products or rendering of services and are recognized as revenue when products are shipped or services are provided to the customer. We classify deferred revenue as current or non-current based on the timing of when we expect to recognize revenue.The following table provides a roll-forward of our contract liabilities, current and non-current:Nine Months EndedJuly 31, 2024(in millions)Balance at October 31, 2023$757Â Deferral of revenue billed in current period, net of recognition440Â Deferred revenue arising out of acquisitions19Â Revenue recognized that was deferred as of the beginning of the period(475)Foreign currency translation impact3Â Balance at July 31, 2024$744Â Of the $475Â million of revenue recognized in the nine months ended July 31, 2024 that was deferred as of the beginning of the period, approximately $105Â million was recognized in the three months ended July 31, 2024.Remaining Performance ObligationsOur remaining performance obligations, excluding contracts that have an original expected duration of one year or less, was approximately $570 million as of July 31, 2024, and represents the companyâ€™s obligation to deliver products and services and obtain customer acceptance on delivered products. As of July 31, 2024, we expect to fulfill 16 percent of these remaining performance obligations during the remainder of 2024, 51 percent during 2025, and 33 percent thereafter. X - ReferencesNo definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-9Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-15Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 606 -Publisher FASB -URI https://asc.fasb.org/606/tableOfContent + Details Name: us-gaap_RevenueFromContractWithCustomerTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 26 R12.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SHARE-BASED COMPENSATION 9 Months Ended Jul. 31, 2024 Share-Based Payment Arrangement, Noncash Expense [Abstract] Â SHARE-BASED COMPENSATION 4.Â Â Â Â SHARE-BASED COMPENSATIONKeysight accounts for share-based awards in accordance with the provisions of the authoritative accounting guidance, which requires the measurement and recognition of compensation expense for all share-based payment awards made to our employees and directors, including restricted stock units (â€œRSUsâ€), employee stock purchases made under our Employee Stock Purchase Plan (â€œESPPâ€), and performance share awards granted to selected members of our senior management under the Long-Term Performance (â€œLTPâ€) Program, based on estimated fair values.Â The impact of share-based compensation expense on the condensed consolidated statement of operations was as follows:Three Months EndedNine Months EndedJuly 31,July 31,Â 2024202320242023Â (inÂ millions)Cost of products and services$7Â $4Â $22Â $20Â Research and

development8Â 8Â 30Â 31Â Selling, general and administrative17Â 15Â 66Â 60Â Total share-based compensation expense$32Â $27Â $118Â $111Â For the three and nine months ended July 31, 2024, the total share-based compensation expense includes $3Â million and $9Â million, respectively, of ESI Group acquisition-related compensation to redeem certain outstanding unvested stock awards as of the date of the acquisition that were determined to relate to post-merger service periods. Share-based compensation capitalized within inventory was $2Â million as of July 31, 2024 and 2023. X - DefinitionThe entire disclosure for share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 27 R13.htm IDEA: XBRL DOCUMENT v3.24.2.u1 INCOME TAXES 9 Months Ended Jul. 31, 2024 Income Tax Disclosure [Abstract] Â INCOME TAXES 5.Â Â Â Â INCOME TAXESThe following table provides income tax details:Â Three Months EndedNine Months EndedJuly 31,July 31,Â 20242023202420243(in millions, except percentages)Income before taxes$213$389$617$1,081Provision (benefit) for income taxes(176)101(70)250Effective tax rate(81.9)%25.8Â %(11.2)%23.1Â %There was a tax benefit for the three and nine months ended July 31, 2024, as compared to the overall tax expense for the same periods last year, primarily due to one-time discrete tax benefits, as explained below, and a decrease in income before taxes in the current year.The income tax benefit for the three and nine months ended July 31, 2024 included a net discrete benefit of $179Â million and $178Â million, respectively. The income tax expense for the three and nine months ended July 31, 2023 included a net discrete expense of $19Â million and $21Â million, respectively.The discrete tax benefit for the three and nine months ended July 31, 2024 includes a $165Â million benefit related to the deduction in the U.S. for intangible assets for purposes of determining income or loss under IRC Â§ 951A(c). On June 14, 2019, the U.S. Department of the Treasury (â€œTreasuryâ€) issued final regulations relating to Global Intangible Low Taxed Income (â€œGILTIâ€) under IRC Â§ 951A (the â€œtax regulationsâ€). The tax regulations contained language which disallowed GILTI tax deductions for intangible asset amortization resulting from the Singapore restructuring completed in 2018. During the quarter, the company concluded, in response to recent U.S. Supreme Court decisions on a number of relevant cases, the evolving global tax landscape and other changes in circumstances, that Treasury exceeded its regulatory authority and the intangible asset amortization should be deductible. The company amended its U.S. federal income tax returns for the open tax years to claim the deduction and recognized the discrete benefit in the condensed consolidated financial statements. The tax receivable resulting from the amended returns is reflected as â€œother assetsâ€ in the condensed consolidated balance sheet. The GILTI tax benefit for the fiscal year 2024 amortization is included in the annual effective tax rate, and the Singapore intangible assets will continue to be amortized for GILTI tax purposes until 2033.The company believes the position meets the more likely than not recognition threshold. The company intends to vigorously defend its position. The outcome cannot be predicted with certainty. If we are ultimately unsuccessful in defending our position, we may be required to reverse the benefit previously recorded.The discrete tax benefit for the three and nine months ended July 31, 2024 also includes a $61Â million benefit for the settlement of a Malaysia uncertain tax position. In the fourth quarter of fiscal year 2017, Keysight was assessed and paid income tax and penalties in Malaysia on gains related to the transfer of intellectual property rights. The company disputed this assessment and filed an appeal with the Court of Appeal in Malaysia. The Court of Appealâ€™s decision was rendered in Keysightâ€™s favor on May 24, 2024, and the company received a refund of the income tax and penalties. At the time of the original assessment, the company had recorded a tax reserve for the assessed amount; the tax reserve was released as a result of the Court of Appeal decision.Additionally, the income tax benefit for the three and nine months ended July 31, 2024 is offset by a discrete expense of $35Â million due to a change in the potential U.S. benefit associated with the future resolution of non-U.S. tax reserves.Keysight benefits from tax incentives in several jurisdictions, most significantly in Singapore and Malaysia. The tax incentives provide lower rates of taxation on certain classes of income and require thresholds of investments and employment in those jurisdictions. The Malaysia tax incentive expires October 31, 2025. The Singapore tax incentive expired July 31, 2024. The expiration of the Singapore tax incentive in the current year has been reflected in the annual tax forecast. The impact of the tax incentives decreased the income tax provision by $35 million and $73 million for the nine months ended July 31, 2024 and 2023, respectively. The decrease in the tax benefit for the nine months ended July 31, 2024 is primarily due to a decrease in earnings taxed at incentive rates and the impact of the expiration of the Singapore tax incentive. The company is pursuing options to renew the Singapore tax incentive with retroactive effect to August 1, 2024.The open tax years for the U.S. federal income tax return and most state income tax returns are from November 1, 2019 through the current tax year. For the majority of our non-U.S. entities, the open tax years are from November 1, 2018 through the current tax year.At this time, management does not believe that the outcome of any future or currently ongoing examination will have a material impact on our consolidated financial statements. We believe that we have an adequate provision for any adjustments that may result from tax examinations. However, the outcome of tax examinations cannot be predicted with certainty. Given the numerous tax years and matters that remain subject to examination in various tax jurisdictions, the ultimate resolution of current and future tax examinations could be inconsistent with managementâ€™s current expectations. If that were to occur, it could have an impact on our effective tax rate in the period in which such examinations are resolved. 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 740 -SubTopic 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 28 R14.htm IDEA: XBRL DOCUMENT v3.24.2.u1 NET INCOME PER SHARE 9 Months Ended Jul. 31, 2024 Earnings Per Share [Abstract] Â NET INCOME PER SHARE 6.Â Â Â Â NET INCOME PER SHAREThe following table presents the calculation of basic and diluted net income per share:Three Months EndedNine Months EndedJuly 31,July 31,Â 20242023202420243(in millions, except per-share amounts)Net income$389Â $288Â $687Â $831Â Basic weighted-average shares174Â 178Â 174Â 178Â Potential common shares1Â 1Â 1Â 1Â Diluted weighted-average shares175Â 179Â 175Â 179Â Net income per share - basic$2.23Â $1.62Â $3.94Â $4.66Â Net income per share - diluted$2.22Â $1.61Â $3.92Â $4.63Â Diluted shares outstanding primarily include the dilutive effect of non-vested awards and in-the-money options. The diluted effect of such awards is calculated based on the average share price of each period using the treasury stock method, except where the inclusion of such awards would have an anti-dilutive impact. Anti-dilutive shares excluded from the calculation of diluted earnings per share were immaterial for the three and nine months ended July 31, 2024 and 2023 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 29 R15.htm IDEA: XBRL DOCUMENT v3.24.2.u1 GOODWILL AND OTHER INTANGIBLE ASSETS 9 Months Ended Jul. 31, 2024 Goodwill and Intangible Assets Disclosure [Abstract] Â GOODWILL AND OTHER INTANGIBLE ASSETS 7.Â Â Â Â GOODWILL AND OTHER INTANGIBLE ASSETSThe goodwill balance as of July 31, 2024 and October 31, 2023 and the activity for the nine months ended July 31, 2024 for each of our reportable operating segments were as follows:Â CSGEISGTotalÂ (in millions)Goodwill at October 31, 2023$1,057Â $583Â $1,640Â Foreign currency translation impact3Â 5Â 8Â Goodwill arising from acquisitions185Â 558Â 743Â Goodwill at July 31, 2024$1,245Â $1,146Â $2,391Â There were no impairments for the three and nine months ended July 31, 2024 and 2023. As of July 31, 2024 and October 31, 2023, accumulated impairment losses on goodwill was $709Â million.Other intangible assets as of July 31, 2024 and October 31, 2023 consisted of the following:Â July 31, 2024October 31, 2023Â GrossCarryingAmountAccumulatedAmortizationNetÂ BookValueGrossCarryingAmountAccumulatedAmortizationNetÂ BookValueÂ (inÂ millions)Developed technology$1,367Â $1,000Â $367Â $1,033Â $949Â $84Â Backlog37Â 23Â 14Â 19Â 17Â 2Â Trademark/Tradename38Â 35Â 3Â 36Â 33Â 3Â Customer relationships587Â 387Â 200Â 406Â 340Â 66Â Total amortizable intangible assets$2,029Â $1,445Â $584Â $1,494Â $1,339Â $155Â In-Process R&D53Â â€”Â 53Â â€”Â â€”Â Total$2,082Â $1,445Â $637Â $1,494Â $1,339Â $155Â During the nine months ended July 31, 2024, we recognized additions to goodwill and other intangible assets of $743Â million and $582Â million, respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed from the acquisition of ESI Group and other acquisition activity. See Note 2, â€œAcquisitions,â€ for additional information. During the nine months ended July 31, 2024, we transferred $7Â million from in-process R&D to developed technology as projects were successfully completed.Goodwill is assessed for impairment on a reporting unit basis at least annually in the fourth quarter of each year, or more frequently when events and circumstances occur indicating that the recorded goodwill may be impaired. The company has not identified any triggering events that indicate an impairment of goodwill for the nine months ended July 31, 2024.During the nine months ended July 31, 2024, foreign exchange translation had a favorable impact of $6 million on other intangible assets. Amortization of other intangible assets was $31 million and $106Â million, respectively, for the three and nine months ended July 31, 2024. Amortization of other intangible assets was $23Â million and $71Â million, respectively, for the three and nine months ended July 31, 2023.Estimated intangible assets amortization expense for each of the five succeeding fiscal years is as follows:Amortization expense(in millions)2024 (remainder)$32Â 2025$124Â 2026$111Â 2027$99Â 2028$96Â 2029$88Â Thereafter$34Â X - ReferencesNo definition available. + Details Name: us-gaap_GoodwillAndIntangibleAssetsDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for goodwill and intangible assets. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/350-30/tableOfContentReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -

Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/350-20/tableOfContent + Details Name: us-gaap_GoodwillAndIntangibleAssetsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 30 R16.htm IDEA: XBRL DOCUMENT v3.24.2.u1 FAIR VALUE MEASUREMENTS 9 Months Ended Jul. 31, 2024 Fair Value Disclosures [Abstract] Â FAIR VALUE MEASUREMENTS 8.Â Â Â Â FAIR VALUE MEASUREMENTSThe authoritative guidance defines fair value as the price that would be received from selling an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. When determining the fair value measurements for assets and liabilities required or permitted to be recorded at fair value, we consider the principal or most advantageous market and assumptions that market participants would use when pricing the asset or liability.Fair Value HierarchyThe guidance establishes a fair value hierarchy that prioritizes inputs used in valuation techniques into three levels. A financial instrumentâ€™s categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the fair value measurement. There are three levels of inputs that may be used to measure fair value:Level 1 - applies to assets or liabilities for which there are quoted prices in active markets for identical assets or liabilities.Level 2 - applies to assets or liabilities for which there are inputs other than quoted prices included within Level 1 that are observable, either directly or indirectly, for the asset or liability such as: quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in less active markets; or other inputs that can be derived principally from, or corroborated by, observable market data.Level 3 - applies to assets or liabilities for which there are unobservable inputs to the valuation methodology that are significant to the measurement of the fair value of the assets or liabilities.Financial Assets and Liabilities Measured at Fair Value on a Recurring BasisFinancial assets and liabilities measured at fair value on a recurring basis as of July 31, 2024 and October 31, 2023 were as follows:Fair Value Measurements atÂ July 31, 2024October 31, 2023Â TotalLevel 1LevelÂ 2LevelÂ 3OtherTotalLevel 1LevelÂ 2LevelÂ 3OtherÂ (inÂ millions)Assets:Â Â Â Â Â Â Â Â Short-termÂ Â Â Â Â Â Â Â Money market funds$989Â $989Â $â€”Â $â€”Â $â€”Â $1,934Â $1,934Â $â€”Â $â€”Â $â€”Â Derivative instruments (foreign exchange contracts)14Â â€”Â 14Â â€”Â â€”Â 18Â â€”Â 18Â â€”Â â€”Â Long-termEquity investments78Â 78Â â€”Â â€”Â â€”Â 56Â 56Â â€”Â â€”Â â€”Â Other investments29Â â€”Â â€”Â â€”Â 29Â 25Â â€”Â â€”Â â€”Â 25Â Total assets measured at fair value$1,110Â $1,067Â $14Â $â€”Â $29Â $2,033Â $1,990Â $18Â $â€”Â $25Â Liabilities:Â Â Â Â Â Â Â Â Short-termDerivative instruments (foreign exchange contracts)$8Â $â€”Â $8Â $â€”Â $â€”Â $54Â $â€”Â $54Â $â€”Â $â€”Â Long-termDeferred compensation liability33Â â€”Â 33Â â€”Â â€”Â 27Â â€”Â 27Â â€”Â â€”Â Total liabilities measured at fair value$41Â $â€”Â $41Â $â€”Â $â€”Â $81Â $â€”Â $81Â $â€”Â $â€”Â During the nine months ended July 31, 2024, we purchased an equity investment for $10Â million.Our money market funds and equity investments with readily determinable fair values are measured at fair value using quoted market prices and, therefore, are classified within Level 1 of the fair value hierarchy. Equity and fixed income investments or convertible notes without readily determinable fair values that are either measured at cost, adjusted for observable changes in price or impairments, or accounted for under a measurement alternative are not categorized in the fair value hierarchy and are presented as â€œother investmentsâ€ in the table above. Our deferred compensation liability is classified as Level 2 because the inputs used in the calculations are observable, although the values are not directly based on quoted market prices. Our derivative financial instruments are classified within Level 2 as there is not an active market for each hedge contract, but the inputs used to calculate the value of the instruments are tied to active markets.Equity investments, including securities that are earmarked to pay the deferred compensation liability, and the deferred compensation liability are reported at fair value, with gains or losses resulting from changes in fair value recognized in earnings. Certain derivative instruments are reported at fair value, with unrealized gains and losses, net of tax, included in â€œaccumulated other comprehensive income (loss).â€ The changes in fair value of the equity investment are recorded within â€œother income (expense), netâ€ in the condensed consolidated statement of operations.Net recognized gain (loss) on sale of our equity and other investments were as follows:Three Months EndedNine Months EndedJuly 31,July 31,20242023202420232023Â (inÂ millions)Net realized gain (loss) on equity and other investments sold$â€”Â $â€”Â $â€”Â $â€”Â Net unrealized gain (loss) on equity and other investments still held$3Â $13Â $13Â $20Â 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/1943274/2147482106/820-10-50-2EReference 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 31 R17.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DERIVATIVES 9 Months Ended Jul. 31, 2024 Derivative Instruments and Hedging Activities Disclosure [Abstract] Â DERIVATIVES 9.Â Â Â Â DERIVATIVESWe are exposed to foreign currency exchange rate fluctuations and interest rate changes in the normal course of our business. As part of our risk management strategy, we use derivative instruments, primarily forward contracts, to hedge economic and/or accounting exposures resulting from changes in foreign currency exchange rates.Cash Flow HedgesWe enter into foreign exchange contracts to hedge our forecasted operational cash flow exposures resulting from changes in foreign currency exchange rates. These foreign exchange contracts, carried at fair value, have maturities based on a rolling period of up to twelve months. These derivative instruments are designated and qualify as cash flow hedges under the criteria prescribed in the authoritative guidance.In 2020, we entered into forward-starting interest rate swap agreements with an aggregate notional amount of $600 million associated with future interest payments on anticipated debt issuances through fiscal year 2024. In 2023, we terminated the interest rate swap agreements, resulting in a deferred gain of $107Â million recognized in accumulated other comprehensive income (loss) to be amortized to interest expense over the term of the anticipated debt. As part of the ESI Group acquisition, we assumed two interest rate swap agreements with an aggregate notional amount of 5Â million euros to hedge the variable interest rate of the syndicate loan. In April 2024, we terminated these interest rate swap agreements resulting in an immaterial impact on earnings.Non-designated HedgesAdditionally, we periodically enter into foreign exchange contracts to hedge monetary assets and liabilities that are denominated in currencies other than the functional currency of our subsidiaries. In connection with the acquisition of the ESI Group, we entered into foreign exchange forward contracts to mitigate the currency exchange risk associated with the payment of the purchase price in euros. The aggregate notional amount of the currencies hedged was 930Â million euros as of October 31, 2023. These foreign exchange contracts did not qualify for hedge accounting treatment and were not designated as hedging instruments. During the nine months ended July 31, 2024, these foreign exchange forward contracts were settled using existing cash of $63Â million, resulting in a loss of $18Â million recorded in â€œother income (expense), netâ€ in the condensed consolidated statement of operations.During the third quarter of fiscal year 2024, we entered into foreign exchange forward contracts with an aggregate notional amount of 1.2Â billion pounds sterling to mitigate the currency exchange risk associated with a planned acquisition. These foreign exchange contracts do not qualify for hedge accounting treatment and are not designated as hedging instruments. The resulting net unrealized gain on outstanding contracts was $7Â million and was recorded in â€œother income (expense), netâ€ in the condensed consolidated statement of operations and in â€œother assetsâ€ and â€œother accrued liabilitiesâ€ in the condensed consolidated balance sheet for the three and nine months ended July 31, 2024.The aggregate number of open foreign exchange forward contracts designated as â€œcash flow hedgesâ€ and â€œnot designated as hedging instrumentsâ€ was 207 and 85, respectively, as of July 31, 2024. The net notional amounts by currency and designation as of July 31, 2024 were as follows:Â DerivativesÂ inÂ CashÂ Flow HedgingÂ RelationshipsDerivatives Not Designated asÂ Hedging InstrumentsÂ ForwardContractsForwardContractsCurrencyBuy/(Sell)Buy/(Sell)Â (inÂ millions)Euro$21Â $44Â Pound Sterling9Â 1,541Â Singapore Dollar35Â 4Â Malaysian Ringgit104Â 11Â Japanese Yen(103)(66)Other currencies(34)(31)Total$32Â $1,503Â Derivative instruments are subject to master netting arrangements and are disclosed gross in the condensed consolidated balance sheet. The gross fair values and balance sheet presentation of derivative instruments held as of July 31, 2024 and October 31, 2023 were as follows:Fair Values of Derivative InstrumentsAssets DerivativesLiabilities DerivativesFair ValueÂ Fair ValueBalance Sheet LocationJuly 31, 2024October 31, 2023Balance Sheet LocationJuly 31, 2024October 31, 2023(in millions)Derivatives designated as hedging instruments:Â Â Â Â Â Cash flow hedgesForeign exchange contractsÂ Â Â Â Â Other current assets$4Â $16Â Other accrued liabilities$3Â $7Â Derivatives not designated as hedging instruments:Â Â Â Â Â Foreign exchange contractsÂ Â Â Â Â Other current assets10Â 2Â Other accrued liabilities5Â 47Â Total derivatives$14Â $18Â Â $8Â $54Â The effect of derivative instruments for foreign exchange contracts designated as hedging instruments and for those not designated as hedging instruments in the condensed consolidated statement of operations was as follows:Three Months EndedNine Months EndedJuly 31,July 31,20242023202420232023Â (inÂ millions)Derivatives designated as hedging instruments:Â Â Cash Flow HedgesInterest rate swap contracts:Gain (loss) recognized in accumulated other comprehensiveÂ income (loss)$â€”Â $â€”Â $â€”Â $(26)Foreign exchange contracts:Gain (loss) recognized in accumulated other comprehensiveÂ income (loss)$â€”Â $3Â $1Â $3Â Gain (loss) reclassified from accumulated other comprehensiveÂ income (loss) into earnings:Cost of products$3Â $1Â $9Â $5Â Selling, general and administrative$â€”Â $â€”Â (1)(1)Gain (loss) excluded from effectiveness testing recognized in earnings based on amortization approach:Cost of products$â€”Â $2Â $3Â $4Â Selling, general and administrative(1)â€”Â (1)â€”Â Derivatives not designated as hedging instruments:Gain (loss) recognized in:Other income (expense), net$8Â (2)(12)$(2)The estimated amount as of July 31, 2024 expected to be reclassified from accumulated other comprehensive income (loss) to earnings within the next twelve months is a gain of $9Â million. X - ReferencesNo definition available. + Details Name: us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for derivative instruments and hedging activities including, but not limited to, risk management strategies, non-hedging derivative instruments, assets, liabilities, revenue and expenses, and methodologies and assumptions used in determining the amounts. + 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/1943274/2147480237/815-40-50-5Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-5CReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 815 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/815/tableOfContent + Details Name: us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type:

duration XML 32 R18.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DEBT 9 Months Ended Jul. 31, 2024 Debt Disclosure [Abstract] Â DEBT 10.Â Â Â Â DEBTThe following table summarizes the components of our debt:July 31, 2024October 31, 2023(in millions)2024 Senior Notes at 4.55% ($600 face amount less unamortized costs of zero and $1)$600Â $599Â 2027 Senior Notes at 4.60% ($700 face amount less unamortized costs of $2 and $2)698Â 698Â 2029 Senior Notes at 3.00% ($500 face amount less unamortized costs of $2 and $3)498Â 497Â Total debt1,796Â 1,794Â Less: Current portion of long-term debt600Â 599Â Long-Term Debt$1,196Â $1,195Â Â Â Â Â Â Â Â Â Â Â Revolving Credit FacilityOn July 30, 2021, we entered into an amended and restated credit agreement (the â€œRevolving Credit Facilityâ€) which provides a $750Â million five-year unsecured revolving credit facility that expires on July 30, 2026 with an annual interest rate of LIBOR + 1 percent along with a facility fee of 0.125 percent per annum. On February 17, 2023, we entered into the first amendment to the Revolving Credit Facility to change the annual interest rate from LIBOR + 1 percent to SOFR + 1.1 percent. In addition, the Revolving Credit Facility permits the company, subject to certain customary conditions, on one or more occasions to request to increase the total commitments under the Revolving Credit Facility by up to $250Â million in the aggregate. We may use amounts borrowed under the Revolving Credit Facility for general corporate purposes. As of July 31, 2024 and October 31, 2023, we had no borrowings outstanding under the Revolving Credit Facility. We were in compliance with the covenants of the Revolving Credit Facility during the nine months ended July 31, 2024.Senior NotesThere have been no changes to the principal, maturity, interest rates and interest payment terms of the senior notes during the nine months ended July 31, 2024 as compared to the senior notes described in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023.The fair value of our debt, which is calculated from quoted prices that are primarily Level 1 inputs under the accounting guidance fair value hierarchy was approximately $1,751 million and $1,679 million as of July 31, 2024 and October 31, 2023, respectively.Bridge FacilityOn March 28, 2024, we entered into a bridge credit agreement (the â€œBridge Facilityâ€) pursuant to which certain lenders agreed to provide a senior unsecured 364-day bridge credit facility of up to 1,350Â million pounds sterling for the purpose of providing the financing to support a planned acquisition. On July 25, 2024, the Bridge Facility was decreased to 1,232Â million pounds sterling. We incurred costs in connection with the Bridge Facility of $7Â million that are included in â€œother current assetsâ€ in the condensed consolidated balance sheet and are being amortized to interest expense over the term of the Bridge Facility.Letters of creditAs of July 31, 2024 and October 31, 2023, we had $43 million and $41Â million, respectively, of outstanding letters of credit and surety bonds unrelated to the credit facility that were issued by various lenders.ESI Group debt and credit facility assumedAs part of the ESI Group acquisition, we assumed debt of $24Â million, of which $10Â million was payable within one year. The debt included a syndicated loan of $11Â million payable through yearly installments until April 2025 with an annual interest rate of EURIBOR + 2 to 2.5 percent. We also assumed various fixed interest rate state-guaranteed loans and other bank borrowings of $13Â million. During the nine months ended July 31, 2024, we repaid the debt assumed as part of the acquisition.As part of the ESI Group acquisition, we assumed a revolving credit facility of 10Â million euros that was subsequently terminated in April 2024. 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 1I -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 R19.htm IDEA: XBRL DOCUMENT v3.24.2.u1 RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS 3 Months Ended Jul. 31, 2024 Retirement Benefits [Abstract] Â RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS 11.Â Â Â Â RETIREMENT PLANS AND POST-RETIREMENT BENEFIT PLANSFor the three and nine months ended July 31, 2024 and 2023, our net pension and post-retirement benefit cost (benefit) consisted of the following:Â PensionsÂ Â U.S.Â Defined Benefit PlansNon-U.S. Defined BenefitPlansU.S.Â Post-RetirementBenefitÂ PlanÂ Three Months EndedJuly 31,Â 20242023202420232024(inÂ millions)Service costâ€”benefits earned during the period$4Â $4Â $3Â $2Â $â€”Â $â€”Â Interest cost on benefit obligation10Â 10Â 9Â 8Â 2Â 2Â Expected return on plan assets(12)(13)(13)(13)(3)(3)Amortization of net actuarial loss2Â 2Â 2Â 3Â â€”Â â€”Â Net periodic benefit cost (benefit)$4Â $3Â $1Â $â€”Â (1)(1)Â PensionsÂ Â U.S.Â Defined Benefit PlansNon-U.S. Defined BenefitPlansU.S.Â Post-RetirementBenefitÂ PlanÂ Nine Months EndedJuly 31,Â 20242023202420232024(inÂ millions)Service costâ€”benefits earned during the period$11Â $12Â $7Â $7Â $â€”Â $â€”Â Interest cost on benefit obligation30Â 28Â 27Â 23Â 6Â 6Â Expected return on plan assets(36)(37)(39)(39)(9)(9)Amortization of net actuarial loss7Â 6Â 6Â 7Â â€”Â 1Â Net periodic benefit cost (benefit)$12Â $9Â $1Â (2)(3)$(2)We record the service cost component of net periodic benefit cost (benefit) in the same line item as other employee compensation costs. The non-service components of net periodic benefit cost (benefit), such as interest cost, expected return on assets, amortization of prior service cost, and actuarial gains or losses, are recorded within â€œother income (expense), netâ€ in the condensed consolidated statement of operations.We did not contribute to our U.S. defined benefit plans or U.S. post-retirement benefit plan during the three and nine months ended July 31, 2024 and 2023. We contributed $3Â million and $8Â million, respectively, to our non-U.S. defined benefit plans during the three and nine months ended July 31, 2024. We contributed $2Â million and $7Â million, respectively, to our non-U.S. defined benefit plans during the three and nine months ended July 31, 2023.For the remainder of 2024, we do not expect to contribute to our U.S. defined benefit plan and U.S. post-retirement benefit plan, and we expect to contribute $2 million to our non-U.S. defined benefit plans. The amounts we contribute depend upon, among other things, legal requirements, underlying asset returns, the planâ€™s funded status, the anticipated tax deductibility of the contribution, local practices, employee retirements, market conditions, interest rates and other factors. 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 60 -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 R20.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SUPPLEMENTAL FINANCIAL INFORMATION (Notes) 9 Months Ended Jul. 31, 2024 Disclosure Text Block [Abstract] Â Additional Financial Information Disclosure 12.Â Â Â Â SUPPLEMENTAL FINANCIAL INFORMATIONThe following tables provide details of selected balance sheet items:Cash, cash equivalents, and restricted cashJuly 31, 2024October 31, 2023(in millions)Cash and cash equivalents$1,632Â $2,472Â Restricted cash included in other assets17Â 16Â Total cash, cash equivalents, and restricted cash shown in the statement of cash flows$1,649Â $2,488Â Restricted cash relates primarily to deficit reduction contributions to an escrow account for one of our non-U.S. defined benefit pension plans and deposits held as collateral against bank guarantees.InventoryÂ July 31, 2024October 31, 2023Â (inÂ millions)Finished goods$379Â $376Â Purchased parts and fabricated assemblies647Â 609Â Total inventory$1,026Â $985Â LeasesThe following table summarizes the components of our lease cost:Three Months EndedNine Months EndedJuly 31,July 31,20242023202420232024(in millions)Operating lease cost$16Â $14Â $47Â $40Â Variable lease cost$5Â $5Â $16Â $15Â Supplemental information related to our operating leases was as follows:Nine Months EndedJuly 31,20242023(in millions)Cash payment for operating leases$42Â $40Â Right-of-use assets obtained in exchange for operating lease obligations$32Â $32Â Standard warrantyOur warranties on products sold through direct sales channels are primarily for one year. Warranties for products

sold through distribution channels are primarily for three years. We accrue for standard warranty costs based on historical trends in warranty charges. The accrual is reviewed regularly and periodically adjusted to reflect changes in warranty cost estimates. Estimated warranty charges are recorded within cost of products at the time related product revenue is recognized.Activity related to the standard warranty accrual, which is included in â€œother accrued liabilitiesâ€ and â€œother long-term liabilitiesâ€ in the condensed consolidated balance sheet, is as follows:Â Nine Months EndedJuly 31,Â 20242023Â (inÂ millions)Beginning balance$36Â $32Â Accruals for warranties, including change in estimates16Â 23Â Settlements made during the period(20)(21)Ending balance$32Â $34Â Accruals for warranties due within one year$20Â $20Â Accruals for warranties due after one year12Â 14Â Ending balance $32Â $34Â Other current assetsÂ July 31, 2024October 31, 2023Â (inÂ millions)Prepaid assets$328Â $284Â Other current assets208Â 168Â Total other current assets$536Â $452Â Prepaid assets include deposits paid in advance to contract manufacturers of $221 millionÂ and $210 million as of July 31, 2024 and October 31, 2023, respectively. 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 X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 35 R21.htm IDEA: XBRL DOCUMENT v3.24.2.u1 COMMITMENTS AND CONTINGENCIES 9 Months Ended Jul. 31, 2024 Commitments and Contingencies Disclosure [Abstract] Â COMMITMENTS AND CONTINGENCIES 13.Â Â Â Â COMMITMENTS AND CONTINGENCIESCommitmentsDuring the nine months ended July 31, 2024, there were no material changes to the purchase commitments as reported in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023.ContingenciesOn August 3, 2021, we entered into a Consent Agreement with the Directorate of Defense Trade Controls, Bureau of Political-Military Affairs, Department of State (â€œDTCCâ€) to resolve alleged violations of the Arms Export Control Act and the International Traffic in Arms Regulations (â€œITARâ€). Pursuant to the Consent Agreement, we were assessed a penalty of $6.6Â million to be paid over three years, $2.5Â million of which was suspended and designated for remediation activities over three years, including employment of a special compliance officer. The suspended portion of the penalty was satisfied by amounts spent on qualifying compliance activities. On April 23, 2024, we made the final payment on the penalty, bringing the total amount paid to $4.1Â million. On May 3, 2024, we submitted a certification letter to the DTCC certifying that Keysight had implemented all aspects of the Consent Agreement and that Keysightâ€™s compliance program is adequate to identify, prevent, detect, correct, and report violations of the ITAR. On May 22, 2024, the DTCC closed the Consent Agreement based on this certification and their conclusion that Keysight had fulfilled the terms of the Consent Agreement.On January 1, 2022, Centripetal Networks filed a lawsuit in Federal District Court in Virginia, alleging that certain Keysight products infringe certain of Centripetalâ€™s patents. In addition, in February 2022 Centripetal filed complaints in Germany alleging infringement of certain of Centripetalâ€™s German patents, and in April 2022 Centripetal filed a complaint with the International Trade Commission (â€œITCâ€) requesting that they investigate whether Keysight violated Section 337 of the Tariff Act (â€œSection 337â€) and should be enjoined from importing certain products that are manufactured outside of the U.S. and which are alleged to infringe Centripetal patents. On December 5, 2023, the ITC issued its Notice of Determination that Keysight did not unfairly import products in violation of Section 337 and the investigation was terminated. Centripetal has appealed this determination. On August 21, 2024, Keysight was served in Germany with a complaint filed in the Unified Patent Court alleging that certain Keysight products sold in Germany, France, Italy and the Netherlands infringe a European Centripetal patent. We deny the allegations and are aggressively defending each case. Although there are no matters pending that we currently believe are probable and reasonably possible of having a material impact to our business, consolidated financial position, or results of operations or cash flows, the outcome of litigation is inherently uncertain and is difficult to predict. An adverse outcome in any outstanding lawsuit or proceeding could result in significant monetary damages or injunctive relief. If adverse results are above managementâ€™s expectations or are unforeseen, management may not have accrued for the liability, which could impact our results in future periods.We are also involved in lawsuits, claims, investigations and proceedings, including, but not limited to, patent, employment, commercial and environmental matters, which arise in the ordinary course of business. 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://fasb.org/us-gaap/role/ref/legacyRef -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 36 R22.htm IDEA: XBRL DOCUMENT v3.24.2.u1 STOCKHOLDERS' EQUITY 9 Months Ended Jul. 31, 2024 Statement of Comprehensive Income [Abstract] Â STOCKHOLDERS EQUITY 14.Â Â Â Â STOCKHOLDERS' EQUITYStock Repurchase ProgramOn March 6, 2023, our board of directors approved a stock repurchase program authorizing the purchase of up to $1,500Â million of the companyâ€™s common stock, of which $635Â million remained as of July 31, 2024.Under our stock repurchase program, shares may be purchased from time to time, subject to general business and market conditions and other investment opportunities, through open market purchases, privately negotiated transactions or other means. All such shares and related costs are held as treasury stock and accounted for at trade date using the cost method. The stock repurchase program may be commenced, suspended or discontinued at any time at the companyâ€™s discretion and does not have an expiration date.For the nine months ended July 31, 2024, we repurchased 2,000,882 shares of common stock for $289 million. For the nine months ended July 31, 2023, we repurchased 1,640,236 shares of common stock for $276 million.Accumulated Other Comprehensive LossChanges in accumulated other comprehensive loss by component and related tax effects for the three and nine months ended July 31, 2024 and 2023 were as follows:Foreign currency translationNet defined benefit pension cost and post-retirement plan costsGains (losses) on derivativesTotalActuarial lossesPrior service credits(in millions)As of April 30, 2024(172)(377)(6)86Â $(469)Other comprehensive income (loss) before reclassifications32Â â€”Â â€”Â â€”Â 32Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 4Â â€”Â (3)1Â Tax benefit (expense)â€”Â (1)â€”Â â€”Â (1)Other comprehensive income (loss)32Â 3Â â€”Â (3)32Â As of July 31, 2024(140)(374)(6)83Â $(437)As of October 31, 2023(167)(382)(6)89Â $(466)Other comprehensive income (loss) before reclassifications27Â â€”Â â€”Â 1Â 28Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 11Â â€”Â (8)3Â Tax benefit (expense)â€”Â (3)â€”Â 1Â (2)Other comprehensive income (loss)27Â 8Â â€”Â (6)29Â As of July 31, 2024(140)(374)(6)83Â $(437)As of April 30, 2023(115)(365)(6)87Â $(399)Other comprehensive income (loss) before reclassifications(9)â€”Â â€”Â 3Â (6)Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 5Â â€”Â (1)4Â Tax benefit (expense)â€”Â (1)â€”Â â€”Â (1)Other comprehensive income (loss)(9)4Â â€”Â 2Â (3)As of July 31, 2023(124)(361)(6)89Â $(402)As of October 31, 2022(185)(373)(6)110Â $(454)Other comprehensive income (loss) before reclassifications61Â â€”Â â€”Â (23)38Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 15Â â€”Â (4)11Â Tax benefit (expense)â€”Â (3)â€”Â 6Â 3Â Other comprehensive income (loss)61Â 12Â â€”Â (21)52Â As of July 31, 2023(124)(361)(6)89Â $(402)Reclassifications out of accumulated other comprehensive loss into earnings for the three and nine months ended July 31, 2024 and 2023 were as follows:Details about accumulated other comprehensive loss componentsAmounts reclassified from accumulated other comprehensive lossAffected line item in statement of operationsThree Months EndedNine Months EndedJuly 31,July 31,20242023202420232023(in millions)Gain (loss) on derivatives$3Â $1Â $9Â $5Â Cost of productsâ€”Â â€”Â (1)(1)Selling, general and administrativeâ€”Â (1)(1)(1)Benefit (provision) for income tax3Â â€”Â 7Â 3Â Net of income taxNet defined benefit pension cost and post-retirement plan costs:Net actuarial loss(4)(5)(11)(15)Other income (expense), net1Â 1Â 3Â 3Â Benefit (provision) for income tax(3)(4)(8)(12)Net of income taxTotal reclassifications for the period$â€”Â (4)(1)$(9)Net of income tax X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for equity. + ReferencesReference 1: 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/1943274/2147481112/505-10-50-13Reference 2: 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/1943274/2147481112/505-10-50-13Reference 3: 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/1943274/2147481112/505-10-50-14Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-6Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480237/815-40-50-6Reference 8: 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 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(e)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/505/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 16 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-16Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18 + Details Name: us-gaap_StockholdersEquityNoteDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R23.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SEGMENT INFORMATION 9 Months Ended Jul. 31, 2024 Segment Reporting [Abstract] Â SEGMENT INFORMATION 15.Â Â Â Â SEGMENT INFORMATIONWe report our results in two reportable segments: CSG and EISG. The results of our reportable segments are based on our management reporting system and are not necessarily in conformity with GAAP. The performance of each segment is measured based on several metrics, including income from operations. These results are used, in part, by the chief operating decision maker in evaluating the performance of, and in allocating resources to, each of the segments.The profitability of each of the segments is measured after excluding share-based compensation expense, amortization of acquisition-related balances, acquisition and integration costs, restructuring costs, interest income, interest expense and other items as noted in the reconciliations below.Three Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)Revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â Segment income from operations$223Â $74Â $297Â $276Â $157Â $433Â Nine Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)Revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Segment income from operations$672Â $274Â $946Â $811Â $454Â $1,265Â The following table reconciles total reportable operating segmentsâ€™ income from operations to our income before taxes, as reported:Three Months EndedNine Months EndedÂ July 31,July 31,Â 2024202320242023Â (inÂ millions)Total reportable operating segments' income from

operations$297Â $433Â $946Â $1,265Â Share-based compensation(32)(27)(118)(111)Amortization of acquisition-related balances(31)(23)(106)(71)Acquisition and integration costs(23)(6)(59)(11)Restructuring and others(6)(12)(60)(31)Income from operations, as reported205Â 365Â 603Â 1,041Â Interest income19Â 29Â 60Â 70Â Interest expense(21)(19)(61)(58)Other income (expense), net10Â 14Â 15Â 28Â Income before taxes, as reported$213Â $389Â $617Â $1,081Â The following table presents segment assets directly managed by each segment:July 31, 2024October 31, 2023CSGEISGTotalCSGEISGTotalÂ (in millions)Segment assets$4,686Â $2,966Â $7,652Â $4,410Â $1,920Â $6,330Â The increase in segment assets for the nine months ended July 31, 2024 primarily represents assets acquired as part of the ESI Group acquisition. See Note 2, â€œAcquisitions,â€ for additional information.The following table reconciles segment assets to our total assets:Â July 31, 2024October 31, 2023Â (in millions)Total reportable segments' assets$7,652Â $6,330Â Cash and cash equivalents1,632Â 2,472Â Long-term investments107Â 81Â Long-term deferred tax assets678Â 671Â Accumulated amortization of other intangibles(1,445)(1,339)Long-term tax receivables 169Â â€”Â Pension and other assets530Â 468Â Total assets$9,323Â $8,683Â 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 38 R24.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pay vs Performance Disclosure - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Pay vs Performance Disclosure Â Â Â Â Net income $ 389 $ 288 $ 687 $ 831 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 39 R25.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Insider Trading Arrangements 3 Months Ended Jul. 31, 2024 shares Trading Arrangements, by Individual Â Rule 10b5-1 Arrangement Terminated false Non-Rule 10b5-1 Arrangement Terminated false Satish Dhanasekaran [Member] Â Trading Arrangements, by Individual Â Name Satish Dhanasekaran Title President and Chief Executive Officer Rule 10b5-1 Arrangement Adopted true Non-Rule 10b5-1 Arrangement Adopted false Adoption Date June 4, 2024 Expiration Date June 2, 2025 Aggregate Available 43,433 Soon Chai Gooi [Member] Â Trading Arrangements, by Individual Â Name Soon Chai Gooi Title Senior Vice President, Order Fulfillment and Digital Operations Rule 10b5-1 Arrangement Adopted true Non-Rule 10b5-1 Arrangement Adopted false Adoption Date May 30, 2024 Expiration Date December 6, 2024 Aggregate Available 10,589 Jeffrey K Li [Member] Â Trading Arrangements, by Individual Â Name Jeffrey K Li Title Senior Vice President, General Counsel, and Secretary Rule 10b5-1 Arrangement Adopted true Non-Rule 10b5-1 Arrangement Adopted false Adoption Date June 4, 2024 Expiration Date December 6, 2024 Aggregate Available 10,802 John Page [Member] Â Trading Arrangements, by Individual Â Name John Page Title Senior Vice President and President of Global Services Rule 10b5-1 Arrangement Adopted true Non-Rule 10b5-1 Arrangement Adopted false Adoption Date June 28, 2024 Expiration Date June 27, 2025 Aggregate Available 20,327 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 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 B + Details Name: ecd_TrdArrAdoptionDate Namespace Prefix: ecd_ Data Type: xbrli:stringItemType 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 C + Details Name: ecd_TrdArrExpirationDate Namespace Prefix: ecd_ Data Type: xbrli:stringItemType 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_TrdArrIndName Namespace Prefix: ecd_ Data Type: xbrli:stringItemType 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_TrdArrIndTitle Namespace Prefix: ecd_ Data Type: xbrli:stringItemType 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 D + Details Name: ecd_TrdArrSecuritiesAggAvailAmt Namespace Prefix: ecd_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: ecd_IndividualAxis=keys_SatishDhanasekaranMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_IndividualAxis=keys_SoonChaiGooiMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_IndividualAxis=keys_JeffreyKLiMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_IndividualAxis=keys_JohnPageMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 40 R26.htm IDEA: XBRL DOCUMENT v3.24.2.u1 ACQUISITIONS (Tables) 9 Months Ended Jul. 31, 2024 Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract] Â Schedule of Recognized Identified Assets Acquired and Liabilities Assumed The following table summarizes the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed on the closing date:November 3, 2023(in millions)Cash and cash equivalents$35Â Short-term investments12Accounts receivable28Other current assets18Property, plant and equipment4Operating lease right-of-use assets8Goodwill603Other intangible assets494Other assets3Total assets acquired1,205Â Accounts payable(8)Employee compensation and benefits(23)Deferred revenue(14)Income and other taxes payable(11)Operating lease liabilities(3)Other accrued liabilities(18)Debt(24)Retirement and post-retirement benefits(7)Long-term operating lease liabilities(5)Other long-term liabilities(115)Net assets acquired$977Â Finite-Lived and Indefinite-Lived Intangible Assets Acquired as Part of Business Combination The components of intangible assets acquired in connection with the ESI Group acquisition were as follows:EstimatedÂ Fair ValueEstimatedÂ usefulÂ life(in millions)(in years)DevelopedÂ technology$270Â 6CustomerÂ relationships1606Backlog153Trademarks/Tradename22TotalÂ amortizable intangibleÂ assets447In-processÂ researchÂ andÂ development47TotalÂ intangibleÂ assets$494Â Business Acquisition, Pro Forma Information The following represents pro forma operating results as if ESI Group had been included in the company's condensed consolidated statements of operations as of the beginning of fiscal 2023:Three Months EndedNine Months EndedJuly 31,July 31,2024202320242023(in millions, except per-share amounts)Net revenue$1,217Â $1,409Â $3,692Â $4,276Â Net income$398Â $260Â $717Â $785Â Net income per share - Basic$2.28Â $1.46Â $4.11Â $4.41Â Net income per share - Diluted$2.27Â $1.45Â $4.09Â $4.38Â X - DefinitionTabular disclosure of pro forma results of operations for a material business acquisition or series of individually immaterial business acquisitions that are material in the aggregate. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(3) -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2 + Details Name: us-gaap_BusinessAcquisitionProFormaInformationTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_BusinessCombinationAndAssetAcquisitionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of finite-lived and indefinite-lived intangible assets acquired as part of a business combination. + ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedAndIndefiniteLivedIntangibleAssetsAcquiredAsPartOfBusinessCombinationTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the amounts recognized as of the acquisition date for each major class of assets acquired and liabilities assumed. May include but not limited to the following: (a) acquired receivables; (b) contingencies recognized at the acquisition date; and (c) the fair value of noncontrolling interests in the acquiree. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Paragraph 1 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_ScheduleOfRecognizedIdentifiedAssetsAcquiredAndLiabilitiesAssumedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 41 R27.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE (Tables) 9 Months Ended Jul. 31, 2024 Revenue from Contract with Customer [Abstract] Â Disaggregation of Revenue [Table Text Block] We disaggregate our revenue from contracts with customers by geographic region, end market, and timing of revenue recognition, as we believe these categories best depict how the nature, amount, timing and uncertainty of our revenue and cash flows are affected by economic factors. Disaggregated revenue is presented for each of our reportable segments, CSG and EISG.Three Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)RegionAmericas$402Â $98Â $500Â $446Â $110Â $556Â Europe125Â 96Â 221Â 139Â 104Â 243Â Asia Pacific320Â 176Â 496Â 333Â 250Â 583Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â End MarketAerospace, Defense & Government$275Â $â€”Â $275Â $307Â $â€”Â $307Â Commercial Communications572Â â€”Â 572Â 611Â â€”Â 611Â Electronic Industrialâ€”Â 370Â 370Â â€”Â 464Â 464Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â Timing of Revenue RecognitionRevenue recognized at a point in time$660Â $298Â $958Â $749Â $395Â $1,144Â Revenue recognized over time187Â 72Â 259Â 169Â 69Â 238Â Total revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â Nine Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)RegionAmericas$1,216Â $290Â $1,506Â $1,322Â $312Â $1,634Â Europe384Â 320Â 704Â 414Â 315Â 729Â Asia Pacific926Â 556Â 1,482Â 1,058Â 732Â 1,790Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â End MarketAerospace, Defense & Government$847Â $â€”Â $847Â $927Â $â€”Â $927Â Commercial Communications1,679Â â€”Â 1,679Â 1,867Â â€”Â 1,867Â Electronic Industrialâ€”Â 1,166Â 1,166Â â€”Â 1,359Â 1,359Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Timing of Revenue RecognitionRevenue recognized at a point in time$1,972Â $951Â $2,923Â $2,301Â $1,165Â $3,466Â Revenue recognized over time554Â 215Â 769Â 493Â 194Â 687Â Total revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Our point-in-time revenues are generated predominantly from the sale of various types of design and test software and hardware, and per-incident repair and calibration services. Perpetual software and the portion of term software subscription revenue in this category represent revenue recognized upfront upon transfer of control at the time of electronic delivery. Revenue on per-incident repair and calibration services is recognized when services are performed. Over-time revenues are generated predominantly from the repair and calibration contracts, extended warranties, technical support for hardware and software, certain software subscription and Software as a Service (â€œSaaSâ€) product offerings, and professional services. Technical support for software and when-and-if available software updates and upgrades are sold either together with our software licenses and software subscriptions, including SaaS, or separately as part of our customer support programs. Additionally, we provide custom solutions that include combinations of hardware, software, software subscriptions, installation, professional services, and other support services, and revenue may be recognized either up front upon delivery or over time depending upon the terms of the contract. Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block] The following table provides a roll-forward of our contract liabilities, current and non-current:Nine Months EndedJuly 31, 2024(in millions)Balance at October 31, 2023$757Â Deferral of revenue billed in current period, net of recognition440Â Deferred revenue arising out of acquisitions19Â Revenue recognized that was deferred as of the beginning of the period(475)Foreign currency translation impact3Â Balance at July 31, 2024$744Â Of the $475Â million of revenue recognized in the nine months ended July 31, 2024 that was deferred as of the beginning of the period, approximately $105Â million was recognized in the three months ended July 31, 2024. Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table Text Block] Remaining Performance ObligationsOur remaining performance obligations, excluding contracts that have an original expected duration of one year or less, was approximately $570 million as of July 31, 2024, and represents the companyâ€™s obligation to deliver products and services and obtain customer acceptance on delivered products. As of July 31, 2024, we expect to fulfill 16 percent of these remaining performance obligations during the remainder of 2024, 51 percent during 2025, and 33 percent thereafter. X - DefinitionTabular disclosure of receivable, contract asset, and contract liability from contract with customer. Includes, but is not limited to, change in contract asset and contract liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10 + Details Name: us-gaap_ContractWithCustomerAssetAndLiabilityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor. + ReferencesReference 1: 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 + Details Name: us-gaap_DisaggregationOfRevenueTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of expected timing for satisfying remaining performance obligation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(1) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13 + Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 42 R28.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SHARE-BASED COMPENSATION (Tables) 9 Months Ended Jul. 31, 2024 Share-Based Payment Arrangement, Noncash Expense [Abstract] Â Allocated Share-based compensation expense disclosure Three Months EndedNine Months EndedJuly 31,July 31,Â 20242023202420232Â (inÂ millions)Cost of products and services$7Â $4Â $22Â $20Â Research and development8Â 8Â 30Â 31Â Selling, general and administrative17Â 15Â 66Â 60Â Total share-based compensation expense$32Â $27Â $118Â $111Â X - DefinitionTabular disclosure of allocation of amount expensed and capitalized for award under share-based payment arrangement to statement of income or comprehensive income and statement of financial position. Includes, but is not

limited to, corresponding line item in financial statement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 43 R29.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes (Tables) 9 Months Ended Jul. 31, 2024 Income Tax Disclosure [Abstract] Â Schedule of Income before Income Tax, Domestic and Foreign The following table provides income tax details:Â Three Months EndedNine Months EndedJuly 31,July 31,Â 2024202320242023(in millions, except percentages)Income before taxes$213$389$617$1,081Provision (benefit) for income taxes(176)101(70)250Effective tax rate(81.9)%25.8Â %(11.2)%23.1Â % 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 income before income tax between domestic and foreign jurisdictions. + ReferencesReference 1: 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 + Details Name: us-gaap_ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 44 R30.htm IDEA: XBRL DOCUMENT v3.24.2.u1 NET INCOME PER SHARE (Tables) 9 Months Ended Jul. 31, 2024 Earnings Per Share [Abstract] Â Reconciliation of the numerators and denominators of the basic and diluted net income per share The following table presents the calculation of basic and diluted net income per share:Three Months EndedNine Months EndedJuly 31,July 31,Â 2024202320242023(in millions, except per-share amounts)Net income$389Â $288Â $687Â $831Â Basic weighted-average shares174Â 178Â 174Â 178Â Potential common shares1Â 1Â 1Â 1Â Diluted weighted-average shares175Â 179Â 175Â 179Â Net income per share - basic$2.23Â $1.62Â $3.94Â $4.66Â Net income per share - diluted$2.22Â $1.61Â $3.92Â $4.63Â Diluted shares outstanding primarily include the dilutive effect of non-vested awards and in-the-money options. The diluted effect of such awards is calculated based on the average share price of each period using the treasury stock method, except where the inclusion of such awards would have an anti-dilutive impact. Anti-dilutive shares excluded from the calculation of diluted earnings per share were immaterial for the three and nine months ended July 31, 2024 and 2023 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/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 45 R31.htm IDEA: XBRL DOCUMENT v3.24.2.u1 GOODWILL AND OTHER INTANGIBLE ASSETS (Tables) 9 Months Ended Jul. 31, 2024 Goodwill and Intangible Assets Disclosure [Abstract] Â Goodwill balances and movements for each reportable segments during the period The goodwill balance as of July 31, 2024 and October 31, 2023 and the activity for the nine months ended July 31, 2024 for each of our reportable operating segments were as follows:Â CSGEISGTotalÂ (in millions)Goodwill at October 31, 2023$1,057Â $583Â $1,640Â Foreign currency translation impact3Â 5Â 8Â Goodwill arising from acquisitions185Â 558Â 743Â Goodwill at July 31, 2024$1,245Â $1,146Â $2,391Â There were no impairments for the three and nine months ended July 31, 2024 and 2023. As of July 31, 2024 and October 31, 2023, accumulated impairment losses on goodwill was $709Â million. Components of other intangibles during the period Other intangible assets as of July 31, 2024 and October 31, 2023 consisted of the following:Â July 31, 2024October 31, 2023Â GrossCarryingAmountAccumulatedAmortizationNetÂ BookValueGrossCarryingAmountAccumulatedAmortizationNetÂ BookValueÂ (inÂ millions)Developed technology$1,367Â $1,000Â $367Â $1,033Â $949Â $84Â Backlog37Â 23Â 14Â 19Â 17Â 2Â Trademark/Tradename38Â 35Â 3Â 36Â 33Â 3Â Customer relationships587Â 387Â 200Â 406Â 340Â 66Â Total amortizable intangible assets$2,029Â $1,445Â $584Â $1,494Â $1,339Â $155Â In-Process R&D53Â â€”Â 53Â â€”Â â€”Â Total$2,082Â $1,445Â $637Â $1,494Â $1,339Â $155Â Finite-lived Intangible Assets Amortization Expense [Table Text Block] Estimated intangible assets amortization expense for each of the five succeeding fiscal years is as follows:Amortization expense(in millions)2024 (remainder)$32Â 2025$124Â 2026$111Â 2027$99Â 2028$96Â 2029$88Â Thereafter$34Â X - DefinitionTabular disclosure of amortization expense of assets, excluding financial assets, that lack physical substance, having a limited useful life. + ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_GoodwillAndIntangibleAssetsDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of goodwill by reportable segment and in total which includes a rollforward schedule. + 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/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 3: 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 4: 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/1943274/2147482573/350-20-50-1Reference 5: 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/1943274/2147482573/350-20-50-1Reference 6: 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/1943274/2147482573/350-20-50-1Reference 7: 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/1943274/2147482573/350-20-50-1Reference 8: 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/1943274/2147482573/350-20-50-1Reference 9: 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/1943274/2147482573/350-20-50-1Reference 10: 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/1943274/2147482573/350-20-50-1Reference 11: 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/1943274/2147482573/350-20-50-1AReference 12: 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 + Details Name: us-gaap_ScheduleOfGoodwillTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of assets, excluding financial assets and goodwill, lacking physical substance and exist in perpetuity, by either major class or business segment. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_ScheduleOfIndefiniteLivedIntangibleAssetsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 46 R32.htm IDEA: XBRL DOCUMENT v3.24.2.u1 FAIR VALUE MEASUREMENTS (Tables) 9 Months Ended Jul. 31, 2024 Fair Value Disclosures [Abstract] Â Fair Value Assets And Liabilities Measured On Recurring Basis Financial assets and liabilities measured at fair value on a recurring basis as of July 31, 2024 and October 31, 2023 were as follows:Fair Value Measurements atÂ July 31, 2024October 31, 2023Â TotalLevel 1LevelÂ 2LevelÂ 3OtherTotalLevel 1LevelÂ 2LevelÂ 3OtherÂ (inÂ millions)Assets:Â Â Â Â Â Â Â Â Short-termÂ Â Â Â Â Â Â Â Money market funds$989Â $989Â $â€”Â $â€”Â $â€”Â $1,934Â $1,934Â $â€”Â $â€”Â $â€”Â Derivative instruments (foreign exchange contracts)14Â â€”Â 14Â â€”Â â€”Â 18Â â€”Â 18Â â€”Â â€”Â Long-termEquity investments78Â 78Â â€”Â â€”Â â€”Â 56Â 56Â â€”Â â€”Â â€”Â Other investments29Â â€”Â â€”Â â€”Â 29Â 25Â â€”Â â€”Â â€”Â 25Â Total assets measured at fair value$1,110Â $1,067Â $14Â $â€”Â $29Â $2,033Â $1,990Â $18Â $â€”Â $25Â Liabilities:Â Â Â Â Â Â Â Â Short-termDerivative instruments (foreign exchange contracts)$8Â $â€”Â $8Â $â€”Â $â€”Â $54Â $â€”Â $54Â $â€”Â $â€”Â Long-termDeferred compensation liability33Â â€”Â 33Â â€”Â 27Â â€”Â 27Â â€”Â Total liabilities measured at fair value$41Â $â€”Â $41Â $â€”Â $â€”Â $81Â $â€”Â $81Â $â€”Â $â€”Â Debt Securities, Trading, and Equity Securities, FV-NI Net recognized gain (loss) on sale of our equity and other investments were as follows:Three Months EndedNine Months EndedJuly 31,July 31,Â 2024202320242023Â (inÂ millions)Net realized gain (loss) on equity and other investments sold$â€”Â $â€”Â $â€”Â $â€”Â Net unrealized gain (loss) on equity and other investments still held$3Â $13Â $13Â $20Â 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 assets and liabilities, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date 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 (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3). + 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_ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of investment in debt security measured at fair value with change in fair value recognized in net income (trading) and investment in equity security measured at fair value with change in fair value recognized in net income (FV-NI). + ReferencesReference 1: 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 + Details Name: us-gaap_TradingSecuritiesAndCertainTradingAssetsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 47 R33.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DERIVATIVES (Tables) 9 Months Ended Jul. 31, 2024 Derivative Instruments and Hedging Activities Disclosure [Abstract] Â Aggregated notional amounts by currency and designation The net notional amounts by currency and designation as of July 31, 2024 were as follows:Â DerivativesÂ inÂ CashÂ Flow HedgingÂ RelationshipsDerivatives Not Designated asÂ Hedging InstrumentsÂ ForwardContractsForwardContractsCurrencyBuy/(Sell)Buy/(Sell)Â (inÂ millions)Euro$21Â $44Â Pound Sterling9Â 1,541Â Singapore Dollar35Â 4Â Malaysian Ringgit104Â 11Â Japanese Yen(103)(66)Other currencies(34)(31)Total$32Â $1,503Â Gross fair values and balance sheet location of derivative instruments held in the consolidated balance sheet Derivative instruments are subject to master netting arrangements and are disclosed gross in the condensed consolidated balance sheet. The gross fair values and balance sheet presentation of derivative instruments held as of July 31, 2024 and October 31, 2023 were as follows:Fair Values of Derivative InstrumentsAssets DerivativesLiabilities DerivativesFair ValueÂ Fair ValueBalance Sheet LocationJuly 31, 2024October 31, 2023Balance Sheet LocationJuly 31, 2024October 31, 2023(in millions)Derivatives designated as hedging instruments:Â Â Â Â Â Cash flow hedgesForeign exchange contractsÂ Â Â Â Â Other current assets$4Â $16Â Other accrued liabilities$3Â $7Â Derivatives not designated as hedging instruments:Â Â Â Â Â Foreign exchange contractsÂ Â Â Â Â Other current assets10Â 2Â Other accrued liabilities5Â 47Â Total derivatives$14Â $18Â Â $8Â $54Â Effect of derivative instruments for foreign exchange contracts in the consolidated statement of operations The effect of derivative instruments for foreign exchange contracts designated as hedging instruments and for those not designated as hedging instruments in the condensed consolidated statement of operations was as follows:Three Months EndedNine Months EndedJuly 31,July 31,20242023Â (inÂ millions)Derivatives designated as hedging instruments:Â Â Cash Flow HedgesInterest rate swap contracts:Gain (loss) recognized in accumulated other comprehensiveÂ income (loss)$â€”Â $â€”Â $â€”Â $(26)Foreign exchange contracts:Gain (loss) recognized in accumulated other comprehensiveÂ income (loss)$â€”Â $3Â $1Â $3Â Gain (loss) reclassified from accumulated other comprehensiveÂ income (loss) into earnings:Cost of products$3Â $1Â $9Â $5Â Selling, general and administrative$â€”Â $â€”Â (1)(1)Gain (loss) excluded from effectiveness testing recognized in earnings based on amortization approach:Cost of products$â€”Â $2Â $3Â $4Â Selling, general and administrative(1)â€”Â (1)â€”Â Derivatives not designated as hedging instruments:Gain (loss) recognized in:Other

income (expense), net$8Â (2)(12)$(2) X - ReferencesNo definition available. + Details Name: us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of 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. + 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/1943274/2147480434/815-10-50-4EReference 2: 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/1943274/2147480434/815-10-50-4CReference 3: 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 + Details Name: us-gaap_ScheduleOfDerivativeInstrumentsGainLossInStatementOfFinancialPerformanceTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType 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.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 + Details Name: us-gaap_ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of pertinent information about a derivative or group of derivatives on a disaggregated basis, such as for individual instruments, or small groups of similar instruments. May include a combination of the type of instrument, risks being hedged, notional amount, hedge designation, related hedged item, inception date, maturity date, or other relevant item. + ReferencesReference 1: 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/1943274/2147480434/815-10-50-2Reference 2: 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/1943274/2147480434/815-10-50-1AReference 3: 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/1943274/2147480434/815-10-50-1BReference 4: 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/1943274/2147480434/815-10-50-8Reference 5: 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/1943274/2147480434/815-10-50-4BReference 6: 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/1943274/2147480434/815-10-50-1Reference 7: 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/1943274/2147480434/815-10-50-4Reference 8: 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/1943274/2147480434/815-10-50-5Reference 9: 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 + Details Name: us-gaap_ScheduleOfDerivativeInstrumentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 48 R34.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DEBT (Tables) 9 Months Ended Jul. 31, 2024 Debt Disclosure [Abstract] Â Schedule of Long-term Debt Instruments The following table summarizes the components of our debt:July 31, 2024October 31, 2023(in millions)2024 Senior Notes at 4.55% ($600 face amount less unamortized costs of zero and $1)$600Â $599Â 2027 Senior Notes at 4.60% ($700 face amount less unamortized costs of $2 and $2)698Â 698Â 2029 Senior Notes at 3.00% ($500 face amount less unamortized costs of $2 and $3)498Â 497Â Total debt1,796Â 1,794Â Less: Current portion of long-term debt600Â 599Â Long-Term Debt$1,196Â $1,195Â X - ReferencesNo definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of long-debt instruments or arrangements, including identification, terms, features, collateral requirements and other information necessary to a fair presentation. These are debt arrangements that originally required repayment more than twelve months after issuance or greater than the normal operating cycle of the entity, if longer. + 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/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 3: 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 4: http://www.xbrl.org/2009/role/commonPracticeRef -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 5: 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 6: 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/1943274/2147481112/505-10-50-3Reference 7: 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/1943274/2147477734/942-470-50-3Reference 8: 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/1943274/2147481112/505-10-50-8Reference 9: 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/1943274/2147481112/505-10-50-6Reference 10: 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 + Details Name: us-gaap_ScheduleOfDebtInstrumentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 49 R35.htm IDEA: XBRL DOCUMENT v3.24.2.u1 RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Tables) 9 Months Ended Jul. 31, 2024 Retirement Benefits [Abstract] Â Schedule of net pension and post-retirement benefit costs For the three and nine months ended July 31, 2024 and 2023, our net pension and post-retirement benefit cost (benefit) consisted of the following:Â PensionsÂ Â U.S.Â Defined Benefit PlansNon-U.S. Defined BenefitPlansU.S.Â Post-RetirementBenefitÂ PlanÂ Three Months EndedJuly 31,Â 20242023202420232024202320242023(inÂ millions)Service costâ€”benefits earned during the period$4Â $4Â $3Â $2Â $â€”Â $â€”Â Interest cost on benefit obligation10Â 10Â 9Â 8Â 2Â 2Â Expected return on plan assets(12)(13)(13)(13)(3)(3)Amortization of net actuarial loss2Â 2Â 2Â 3Â â€”Â â€”Â Net periodic benefit cost (benefit)$4Â $3Â $1Â $â€”Â (1)(1)Â PensionsÂ Â U.S.Â Defined Benefit PlansNon-U.S. Defined BenefitPlansU.S.Â Post-RetirementBenefitÂ PlanÂ Nine Months EndedJuly 31,Â 20242023202420232024202320242023(inÂ millions)Service costâ€”benefits earned during the period$11Â $12Â $7Â $7Â $â€”Â $â€”Â Interest cost on benefit obligation30Â 28Â 27Â 23Â 6Â 6Â Expected return on plan assets(36)(37)(39)(39)(9)(9)Amortization of net actuarial loss7Â 6Â 6Â 7Â â€”Â 1Â Net periodic benefit cost (benefit)$12Â $9Â $1Â (2)(3)$(2) 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 one or more of the entity's defined benefit pension plans or one or more other defined benefit postretirement plans, separately for pension plans and other postretirement benefit plans including the entity's schedule of fair value of plan assets for defined benefit or other postretirement plans. + ReferencesReference 1: 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/1943274/2147480506/715-20-50-1Reference 2: 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/1943274/2147480482/715-20-55-17Reference 3: 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/1943274/2147480506/715-20-50-3Reference 4: 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/1943274/2147480506/715-20-50-4Reference 5: 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 + Details Name: us-gaap_ScheduleOfDefinedBenefitPlansDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 50 R36.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SUPPLEMENTAL FINANCIAL INFORMATION (Tables) 9 Months Ended Jul. 31, 2024 Disclosure Text Block [Abstract] Â Cash, cash equivalents and restricted cash [Table Text Block] Cash, cash equivalents, and restricted cashJuly 31, 2024October 31, 2023(in millions)Cash and cash equivalents$1,632Â $2,472Â Restricted cash included in other assets17Â 16Â Total cash, cash equivalents, and restricted cash shown in the statement of cash flows$1,649Â $2,488Â Schedule of Inventory, Current [Table Text Block] InventoryÂ July 31, 2024October 31, 2023Â (inÂ millions)Finished goods$379Â $376Â Purchased parts and fabricated assemblies647Â 609Â Total inventory$1,026Â $985Â Lease, Cost [Table Text Block] The following table summarizes the components of our lease cost:Three Months EndedNine Months EndedJuly 31,July 31,2024202320242023(in millions)Operating lease cost$16Â $14Â $47Â $40Â Variable lease cost$5Â $5Â $16Â $15Â Supplemental information related to our operating leases was as follows:Nine Months EndedJuly 31,20242023(in millions)Cash payment for operating leases$42Â $40Â Right-of-use assets obtained in exchange for operating lease obligations$32Â $32Â Schedule of Product Warranty Liability [Table Text Block] Our warranties on products sold through direct sales channels are primarily for one year. Warranties for products sold through distribution channels are primarily for three years. We accrue for standard warranty costs based on historical trends in warranty charges. The accrual is reviewed regularly and periodically adjusted to reflect changes in warranty cost estimates. Estimated warranty charges are recorded within cost of products at the time related product revenue is recognized.Activity related to the standard warranty accrual, which is included in â€œother accrued liabilitiesâ€ and â€œother long-term liabilitiesâ€ in the condensed consolidated balance sheet, is as follows:Â Nine Months EndedJuly 31,Â 20242023Â (inÂ millions)Beginning balance$36Â $32Â Accruals for warranties, including change in estimates16Â 23Â Settlements made during the period(20)(21)Ending balance$32Â $34Â Accruals for warranties due within one year$20Â $20Â Accruals for warranties due after one year12Â 14Â Ending balance $32Â $34Â Schedule of Other Current Assets Other current assetsÂ July 31, 2024October 31, 2023Â (inÂ millions)Prepaid assets$328Â $284Â Other current assets208Â 168Â Total other current assets$536Â $452Â Prepaid assets include deposits paid in advance to contract manufacturers of $221 millionÂ and $210 million as of July 31, 2024 and October 31, 2023, respectively. X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_LeaseCostTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of supplemental cash flow information for the periods presented. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType 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 X - DefinitionTabular disclosure of the carrying amounts of other current assets. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfOtherCurrentAssetsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the changes in the guarantor's aggregate product warranty liability, including the beginning balance of the aggregate product warranty liability, the aggregate reductions in that liability for payments made (in cash or in kind) under the warranty, the aggregate changes in the liability for accruals related to product warranties issued during the reporting period, the aggregate changes in the liability for accruals related to preexisting warranties (including adjustments related to changes in estimates), and the ending balance of the aggregate product warranty liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c) -Publisher FASB -

URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_ScheduleOfProductWarrantyLiabilityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 51 R37.htm IDEA: XBRL DOCUMENT v3.24.2.u1 STOCKHOLDERS' EQUITY (Tables) 9 Months Ended Jul. 31, 2024 Statement of Comprehensive Income [Abstract] Â Schedule of Accumulated Other Comprehensive Income (Loss) Changes in accumulated other comprehensive loss by component and related tax effects for the three and nine months ended July 31, 2024 and 2023 were as follows:Foreign currency translationNet defined benefit pension cost and post-retirement plan costsGains (losses) on derivativesTotalActuarial lossesPrior service credits(in millions)As of April 30, 2024(172)(377)(6)86Â $(469)Other comprehensive income (loss) before reclassifications32Â â€”Â â€”Â â€”Â 32Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 4Â â€”Â (3)1Â Tax benefit (expense)â€”Â (1)â€”Â â€”Â (1)Other comprehensive income (loss)32Â 3Â â€”Â (3)32Â As of July 31, 2024(140)(374)(6)83Â $(437)As of October 31, 2023(167)(382)(6)89Â $(466)Other comprehensive income (loss) before reclassifications27Â â€”Â â€”Â 1Â 28Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 11Â â€”Â (8)3Â Tax benefit (expense)â€”Â (3)â€”Â 1Â (2)Other comprehensive income (loss)27Â 8Â â€”Â (6)29Â As of July 31, 2024(140)(374)(6)83Â $(437)As of April 30, 2023(115)(365)(6)87Â $(399)Other comprehensive income (loss) before reclassifications(9)â€”Â â€”Â 3Â (6)Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 5Â â€”Â (1)4Â Tax benefit (expense)â€”Â (1)â€”Â â€”Â (1)Other comprehensive income (loss)(9)4Â â€”Â 2Â (3)As of July 31, 2023(124)(361)(6)89Â $(402)As of October 31, 2022(185)(373)(6)110Â $(454)Other comprehensive income (loss) before reclassifications61Â â€”Â â€”Â (23)38Â Amounts reclassified out of accumulated other comprehensive gain (loss)â€”Â 15Â â€”Â (4)11Â Tax benefit (expense)â€”Â (3)â€”Â 6Â 3Â Other comprehensive income (loss)61Â 12Â â€”Â (21)52Â As of July 31, 2023(124)(361)(6)89Â $(402) Reclassification out of Accumulated Other Comprehensive Income Reclassifications out of accumulated other comprehensive loss into earnings for the three and nine months ended July 31, 2024 and 2023 were as follows:Details about accumulated other comprehensive loss componentsAmounts reclassified from accumulated other comprehensive lossAffected line item in statement of operationsThree Months EndedNine Months EndedJuly 31,July 31,2024202320242023(in millions)Gain (loss) on derivatives$3Â $1Â $9Â $5Â Cost of productsâ€”Â â€”Â (1)(1)Selling, general and administrativeâ€”Â (1)(1)(1)Benefit (provision) for income tax3Â â€”Â 7Â 3Â Net of income taxNet defined benefit pension cost and post-retirement plan costs:Net actuarial loss(4)(5)(11)(15)Other income (expense), net1Â 1Â 3Â 3Â Benefit (provision) for income tax(3)(4)(8)(12)Net of income taxTotal reclassifications for the period$â€”Â (4)(1)$(9)Net of income tax X - DefinitionTabular disclosure of information about items reclassified out of accumulated other comprehensive income (loss). + ReferencesNo definition available. + Details Name: us-gaap_ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType 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 -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na 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 52 R38.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SEGMENT INFORMATION (Tables) 9 Months Ended Jul. 31, 2024 Segment Reporting Information [Line Items] Â Reconciliation of Revenue from Segments to Consolidated [Table Text Block] Three Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)Revenue$847Â $370Â $1,217Â $918Â $464Â $1,382Â Segment income from operations$223Â $74Â $297Â $276Â $157Â $433Â Nine Months EndedJuly 31,20242023CSGEISGTotalCSGEISGTotalÂ (inÂ millions)Revenue$2,526Â $1,166Â $3,692Â $2,794Â $1,359Â $4,153Â Segment income from operations$672Â $274Â $946Â $811Â $454Â $1,265Â Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table Text Block] The following table reconciles total reportable operating segmentsâ€™ income from operations to our income before taxes, as reported:Three Months EndedNine Months EndedÂ July 31,July 31,Â 2024202320242023Â (inÂ millions)Total reportable operating segments' income from operations$297Â $433Â $946Â $1,265Â Share-based compensation(32)(27)(118)(111)Amortization of acquisition-related balances(31)(23)(106)(71)Acquisition and integration costs(23)(6)(59)(11)Restructuring and others(6)(12)(60)(31)Income from operations, as reported205Â 365Â 603Â 1,041Â Interest income19Â 29Â 60Â 70Â Interest expense(21)(19)(61)(58)Other income (expense), net10Â 14Â 15Â 28Â Income before taxes, as reported$213Â $389Â $617Â $1,081Â Assets And Capital Expenditures Directly Managed By Each Segment The following table presents segment assets directly managed by each segment:July 31, 2024October 31, 2023CSGEISGTotalCSGEISGTotalÂ (in millions)Segment assets$4,686Â $2,966Â $7,652Â $4,410Â $1,920Â $6,330Â The increase in segment assets for the nine months ended July 31, 2024 primarily represents assets acquired as part of the ESI Group acquisition. See Note 2, â€œAcquisitions,â€ for additional information.The following table reconciles segment assets to our total assets:Â July 31, 2024October 31, 2023Â (in millions)Total reportable segments' assets$7,652Â $6,330Â Cash and cash equivalents1,632Â 2,472Â Long-term investments107Â 81Â Long-term deferred tax assets678Â 671Â Accumulated amortization of other intangibles(1,445)(1,339)Long-term tax receivables 169Â â€”Â Pension and other assets530Â 468Â Total assets$9,323Â $8,683Â X - DefinitionAssets And Capital Expenditures Directly Managed By Each Segment + ReferencesNo definition available. + Details Name: keys_AssetsAndCapitalExpendituresDirectlyManagedByEachSegmentTableTextBlock Namespace Prefix: keys_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the reconciliation of profit (loss) from reportable segments to the consolidated income (loss) before income tax expense (benefit) and discontinued operations. Includes, but is not limited to, reconciliation after income tax if income tax is allocated to the reportable segment. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of all significant reconciling items in the reconciliation of total revenues from reportable segments to the entity's consolidated revenues. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_ReconciliationOfRevenueFromSegmentsToConsolidatedTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType 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_SegmentReportingInformationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 53 R39.htm IDEA: XBRL DOCUMENT v3.24.2.u1 OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Details) $ in Millions 9 Months Ended Jul. 31, 2024 USD ($) ESI Group SA | Other Nonoperating Income (Expense) Â Reclassification [Line Items] Â Net Income (Loss) Attributable to Noncontrolling Interest $ 4 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 - 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 205 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483504/205-10-50-1 + Details Name: us-gaap_ReclassificationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember 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: XML 54 R40.htm IDEA: XBRL DOCUMENT v3.24.2.u1 ACQUISITIONS OF ESI (Narrative) (Details) $ in Millions 3 Months Ended 9 Months Ended Nov. 03, 2023 USD ($) Jul. 31, 2024 USD ($) Jan. 31, 2024 USD ($) Jul. 31, 2023 USD ($) Jul. 31, 2024 USD ($) Jul. 31, 2024 USD ($) Jul. 31, 2023 USD ($) Nov. 03, 2023 â¬ / shares Business Acquisition [Line Items] Â Â Â Â Â Â Â Â Â Payments to Acquire Businesses, Net of Cash Acquired Â Â Â Â $ 673 Â $ 85 Â Acquisition of non-controlling interests Â Â Â Â 458 Â 0 Â Share-based Compensation Expense Â $ 32 Â $ 27 $ 118 Â $ 111 Â ESI Group SA Â Â Â Â Â Â Â Â Business Acquisition [Line Items] Â Â Â Â Â Â Â Â Business Acquisition, Effective Date of Acquisition Â Â Â Â Nov. 03, 2023 Â Â Â Business Acquisition, Percentage of Voting Interests Acquired 50.60% Â Â Â Â Â Â Â Payments to Acquire Businesses, Net of Cash Acquired $ 477 Â Â Â Â Â Â Â Â Acquisition of non-controlling interests Â Â $ 458 Â Â Â Â Â Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Liabilities $ 7 Â Â Â Â Â Â Â Â Business Acquisition, Share Price | â¬ / shares Â Â Â Â Â Â Â Â â¬ 155 Business Combination, Pro Forma Information, Revenue of Acquiree since Acquisition Date, Actual Â 25 Â Â Â $ 119 Â Â Business Combination, Pro Forma Information, Earnings or Loss of Acquiree since Acquisition Date, Actual Â 27 Â Â Â 47 Â Â Discount rate used to value In Process R&D 12.00% Â Â Â Â Â Â Â Payments to Acquire in Process Research and Development $ 7 Â Â Â Â Â Â Â Â Business Combination, Integration Related Costs Â 9 Â Â $ 30 Â Â Â Share-based Compensation Expense Â 3 Â Â 9 Â Â Â Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liabilities 98 Â Â Â Â Â Â Â Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Other 115 5 Â Â 5 5 Â Â Income and other taxes payable $ (11) $ 3 Â Â $ 3 $ 3 Â Â X - DefinitionBusiness Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Income and other taxes payable + ReferencesNo definition available. + Details Name: keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIncomeAndOtherTaxesPayable Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDiscount rate used to value In Process R&D + ReferencesNo definition available. + Details Name: keys_DiscountRateUsedToValueInProcessRD Namespace Prefix: keys_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDate when the acquirer obtains control of the acquiree, in YYYY-MM-DD format. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 7 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-7Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph

6 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-6 + Details Name: us-gaap_BusinessAcquisitionEffectiveDateOfAcquisition1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType 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 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 + Details Name: us-gaap_BusinessAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage of voting equity interests acquired at the acquisition date in the business combination. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2 + Details Name: us-gaap_BusinessAcquisitionPercentageOfVotingInterestsAcquired Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant 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 - DefinitionCosts incurred to effect a business combination which have been expensed during the period. Such costs could include business integration costs, systems integration and conversion costs, and severance and other employee-related costs. + ReferencesNo definition available. + Details Name: us-gaap_BusinessCombinationIntegrationRelatedCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThis element represents the amount of earnings or loss of the acquiree since the acquisition date included in the consolidated income statement for the reporting period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2 + Details Name: us-gaap_BusinessCombinationProFormaInformationEarningsOrLossOfAcquireeSinceAcquisitionDateActual Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThis element represents the amount of revenue of the acquiree since the acquisition date included in the consolidated income statement for the reporting period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2 + Details Name: us-gaap_BusinessCombinationProFormaInformationRevenueOfAcquireeSinceAcquisitionDateActual Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of deferred tax liability attributable to taxable temporary differences assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedDeferredTaxLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of other liabilities due after one year or the normal operating cycle, if longer, assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedNoncurrentLiabilitiesOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe cash outflow associated with the acquisition of a business, net of the cash acquired from the purchase. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireBusinessesNetOfCashAcquired Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflows from the purchase of net carrying value allocated to in-process research and development costs and materials acquired in a business combination. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireInProcessResearchAndDevelopment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow to a noncontrolling interest. Includes, but not limited to, reduction of noncontrolling interest ownership. Excludes dividends paid to the noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsToMinorityShareholders Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R41.htm IDEA: XBRL DOCUMENT v3.24.2.u1 ACQUISITIONS (Allocation of Purchase Price) (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Nov. 03, 2023 Apr. 30, 2024 Jul. 31, 2024 Asset Acquisition [Line Items] Â Â Â Goodwill Â Â $ 743 ESI Group SA Â Â Â Asset Acquisition [Line Items] Â Â Â Cash and cash equivalents $ 35 Â Â Short-term investments 12 Â Â Accounts receivable 28 Â Â Other current assets 18 Â Â Property, plant and equipment 4 Â Â Operating lease right-of-use assets 8 Â Â Goodwill 603 Â Â Other intangible assets 494 Â Â Other assets 3 Â Â Total assets acquired 1,205 Â Â Accounts payable (8) Â Â Employee compensation and benefits (23) Â Â Deferred revenue (14) Â Â Income and other taxes payable (11) Â 3 Operating lease liabilities (3) Â Â Other accrued liabilities (18) Â Â Debt (24) Â Â Retirement and post-retirement benefits (7) Â Â Long-term operating lease liabilities (5) Â Â Other long-term liabilities (115) Â $ (5) Net assets acquired $ 977 Â Â Goodwill, Measurement Period Adjustment Â $ 8 Â X - DefinitionBusiness Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Income and other taxes payable + ReferencesNo definition available. + Details Name: keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIncomeAndOtherTaxesPayable Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionBusiness Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease liabilities + ReferencesNo definition available. + Details Name: keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOperatingLeaseLiabilities Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionBusiness Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease right-of-use assets + ReferencesNo definition available. + Details Name: keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOperatingLeaseRightOfUseAssets Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionBusiness Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Retirement and post-retirement benefits + ReferencesNo definition available. + Details Name: keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedRetirementAndPostRetirementBenefits Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionEmployee compensation and benefits assumed + ReferencesNo definition available. + Details Name: keys_EmployeeCompensationAndBenefitsAssumed Namespace Prefix: keys_ 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/2009/role/commonPracticeRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 15 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480123/805-50-15-3 + Details Name: us-gaap_AssetAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of assets acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of lease obligation assumed in business combination. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCapitalLeaseObligation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions, acquired at the acquisition date. 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://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCashAndEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investments in debt and equity securities, including, but not limited to, held-to-maturity, trading and available-for-sale expected to be converted to cash, sold or exchanged within one year or the normal operating cycle, if longer, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsMarketableSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of other assets expected to be realized or consumed before one year or the normal operating cycle, if longer, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount due from customers or clients for goods or services, including trade receivables, that have been delivered or sold in the normal course of business, and amounts due from others, including related parties expected to be converted to cash, sold or exchanged within one year or the normal operating cycle, if longer, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsReceivables Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities incurred for goods and services received that are used in an entity's business and related party payables, assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of deferred revenue expected to be recognized as such within one year or the normal operating cycle, if longer, assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesDeferredRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of other liabilities due within one year or within the normal operating cycle, if longer, assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of intangible assets, excluding goodwill, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph

(c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibleAssetsOtherThanGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of long-term debt due after one year or the normal operating cycle, if longer, assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedNoncurrentLiabilitiesLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of other liabilities due after one year or the normal operating cycle, if longer, assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedNoncurrentLiabilitiesOther Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of other assets expected to be realized or consumed after one year or the normal operating cycle, if longer, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe amount of property, plant, and equipment recognized as of the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 55 -Paragraph 37 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479303/805-10-55-37Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount recognized for assets, including goodwill, in excess of (less than) the aggregate liabilities assumed. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredGoodwillAndLiabilitiesAssumedNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in asset representing future economic benefits arising from other assets acquired in a business combination that are not individually identified and separately recognized resulting from a business combination. + 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 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 + Details Name: us-gaap_GoodwillAcquiredDuringPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) from measurement period adjustment 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/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 16 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-16 + Details Name: us-gaap_GoodwillPurchaseAccountingAdjustments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 56 R42.htm IDEA: XBRL DOCUMENT v3.24.2.u1 ACQUISITIONS (Intangible Assets Acquired) (Details) - USD ($) $ in Millions Nov. 03, 2023 Jul. 31, 2024 Oct. 31, 2023 Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount Â $ 2,029 $ 1,494 TotalÂ intangibleÂ assets Â 2,082 1,494 ESI Group SA Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount $ 447 Â Â TotalÂ intangibleÂ assets 494 Â Â In Process Research and Development Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â In-processÂ researchÂ andÂ development Â 53 0 In Process Research and Development | ESI Group SA Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â In-processÂ researchÂ andÂ development 47 Â Â Developed technology Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount Â 1,367 1,033 Developed technology | ESI Group SA Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount $ 270 Â Â Acquired Finite-lived Intangible Assets, Weighted Average Useful Life 6 years Â Â Customer relationships Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount Â 587 406 Customer relationships | ESI Group SA Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount $ 160 Â Â Acquired Finite-lived Intangible Assets, Weighted Average Useful Life 6 years Â Â Backlog Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount Â $ 37 $ 19 Backlog | ESI Group SA Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount $ 15 Â Â Acquired Finite-lived Intangible Assets, Weighted Average Useful Life 3 years Â Â Trademarks and Trade Names | ESI Group SA Â Â Â Acquired Finite-Lived Intangible Assets [Line Items] Â Â Â Amortizable intangible assets, Gross carrying amount $ 2 Â Â Acquired Finite-lived Intangible Assets, Weighted Average Useful Life 2 years Â Â 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 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-1Reference 2: 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/1943274/2147482665/350-30-50-1Reference 3: 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/1943274/2147482665/350-30-50-1Reference 4: 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/1943274/2147482665/350-30-50-1Reference 5: 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 + Details Name: us-gaap_AcquiredFiniteLivedIntangibleAssetsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionWeighted average amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: 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/1943274/2147482665/350-30-50-1Reference 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/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount before amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 928 -SubTopic 340 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478859/928-340-50-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of assets, excluding financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_IndefiniteLivedIntangibleAssetsExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated amortization of intangible assets, excluding goodwill. + 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(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_IntangibleAssetsGrossExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IndefiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_InProcessResearchAndDevelopmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_OrderOrProductionBacklogMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TrademarksAndTradeNamesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 57 R43.htm IDEA: XBRL DOCUMENT v3.24.2.u1 ACQUISITIONS (Pro Forma Information) (Details) - ESI Group SA - USD ($) $ / shares in Units, $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Business Acquisition, Pro Forma Information, Nonrecurring Adjustment [Line Items] Â Â Â Net revenue $ 1,217 $ 1,409 $ 3,692 $ 4,276 Net income $ 398 $ 260 $ 717 $ 785 Net income per share - Basic $ 2.28 $ 1.46 $ 4.11 $ 4.41 Net income per share - Diluted $ 2.27 $ 1.45 $ 4.09 $ 4.38 X - DefinitionPro Forma Basic Earnings Per Share Adjustment to reconcile between Net Income and Pro Forma. + ReferencesNo definition available. + Details Name: us-gaap_BasicEarningsPerShareAdjustmentProForma Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe pro forma diluted net income per share for a period as if the business combination or combinations had been completed at the beginning of a period. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(3) -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2 + Details Name: us-gaap_BusinessAcquisitionProFormaEarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType 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_BusinessAcquisitionProFormaInformationNonrecurringAdjustmentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe pro forma net Income or Loss for the period as if the business combination or combinations had been completed at the beginning of a period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2 + Details Name: us-gaap_BusinessAcquisitionsProFormaNetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe pro forma revenue for a period as if the business combination or combinations had been completed at the beginning of the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -

SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2 + Details Name: us-gaap_BusinessAcquisitionsProFormaRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 58 R44.htm IDEA: XBRL DOCUMENT v3.24.2.u1 ACQUISITION OF RISCURE (Details) - USD ($) $ in Millions 9 Months Ended Feb. 21, 2024 Jul. 31, 2024 Jul. 31, 2023 Business Acquisition [Line Items] Â Â Â Â Payments to Acquire Businesses, Net of Cash Acquired Â $ 673 $ 85 Goodwill Â $ 743 Â Riscure [Member] Â Â Â Business Acquisition [Line Items] Â Â Â Business Acquisition, Effective Date of Acquisition Â Feb. 21, 2024 Â Payments to Acquire Businesses, Net of Cash Acquired $ 78 Â Â Goodwill 52 Â Â Other intangible assets $ 35 Â Â X - DefinitionDate when the acquirer obtains control of the acquiree, in YYYY-MM-DD format. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 7 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-7Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 6 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-6 + Details Name: us-gaap_BusinessAcquisitionEffectiveDateOfAcquisition1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType 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 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 + Details Name: us-gaap_BusinessAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of intangible assets, excluding goodwill, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibleAssetsOtherThanGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in asset representing future economic benefits arising from other assets acquired in a business combination that are not individually identified and separately recognized resulting from a business combination. + 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 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 + Details Name: us-gaap_GoodwillAcquiredDuringPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of a business, net of the cash acquired from the purchase. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireBusinessesNetOfCashAcquired Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_RiscureHoldingB.V.Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 59 R45.htm IDEA: XBRL DOCUMENT v3.24.2.u1 ACQUISITIONS OF ANAPICO (Details) - USD ($) $ in Millions 9 Months Ended Jun. 12, 2024 Jul. 31, 2024 Jul. 31, 2023 Business Acquisition [Line Items] Â Â Â Payments to Acquire Businesses, Net of Cash Acquired Â $ 673 $ 85 Goodwill Â $ 743 Â AnaPico AG [Member] Â Â Â Business Acquisition [Line Items] Â Â Â Business Acquisition, Effective Date of Acquisition Jun. 12, 2024 Â Â Payments to Acquire Businesses, Net of Cash Acquired $ 117 Â Â Goodwill 65 Â Â Other intangible assets $ 53 Â Â X - DefinitionDate when the acquirer obtains control of the acquiree, in YYYY-MM-DD format. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 7 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-7Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479328/805-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 6 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-6 + Details Name: us-gaap_BusinessAcquisitionEffectiveDateOfAcquisition1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType 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 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 + Details Name: us-gaap_BusinessAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of intangible assets, excluding goodwill, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibleAssetsOtherThanGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in asset representing future economic benefits arising from other assets acquired in a business combination that are not individually identified and separately recognized resulting from a business combination. + 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 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 + Details Name: us-gaap_GoodwillAcquiredDuringPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of a business, net of the cash acquired from the purchase. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireBusinessesNetOfCashAcquired Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_AnaPicoAGMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 60 R46.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax $ 1,217 $ 1,382 $ 3,692 $ 4,153 Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 847 918 2,526 2,794 Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 370 464 1,166 1,359 Revenue recognized at a point in time Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 958 1,144 2,923 3,466 Revenue recognized at a point in time | Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 660 749 1,972 2,301 Revenue recognized at a point in time | Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 298 395 951 1,165 Revenue recognized over time Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 259 238 769 687 Revenue recognized over time | Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 187 169 554 493 Revenue recognized over time | Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 72 69 215 194 Aerospace, Defense & Government Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 275 307 847 927 Aerospace, Defense & Government | Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 275 307 847 927 Aerospace, Defense & Government | Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 0 0 0 0 Commercial Communications Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 572 611 1,679 1,867 Commercial Communications | Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 572 611 1,679 1,867 Commercial Communications | Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 0 0 0 0 Electronic Industrial Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 370 464 1,166 1,359 Electronic Industrial | Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 0 0 0 0 Electronic Industrial | Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 370 464 1,166 1,359 Americas Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 500 556 1,506 1,634 Americas | Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 402 446 1,216 1,322 Americas | Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 98 110 290 312 Europe Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 221 243 704 729 Europe | Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 125 139 384 414 Europe | Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 96 104 320 315 Asia Pacific Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 496 583 1,482 1,790 Asia Pacific | Communications Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax 320 333 926 1,058 Asia Pacific | Electronic Industrial Solutions Group Â Â Â Â Disaggregation of Revenue [Line Items] Â Â Â Â Revenue from Contract with Customer, Including Assessed Tax $ 176 $ 250 $ 556 $ 732 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, 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 - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_CommunicationsSolutionsGroupMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_ElectronicIndustrialSolutionsGroupMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TimingOfTransferOfGoodOrServiceAxis=us-gaap_TransferredAtPointInTimeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_TimingOfTransferOfGoodOrServiceAxis=us-gaap_TransferredOverTimeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: keys_EndmarketsAxis=keys_AerospacedefenseandgovernmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: keys_EndmarketsAxis=keys_CommercialCommunicationsMemberMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: keys_EndmarketsAxis=keys_ElectronicindustrialMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=srt_AmericasMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=srt_EuropeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=srt_AsiaPacificMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 61 R47.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE Contract Assets (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Accounts Receivable [Member] Â Â Contract with Customer, Asset, after Allowance for Credit Loss, Current $ 91 $ 58 Other Noncurrent Assets [Member] Â Â Contract with Customer, Asset, after Allowance for Credit Loss, Current $ 91 $ 58 X - DefinitionAmount, after allowance for credit loss, of right to consideration in exchange for good or service transferred to customer when right is conditioned on something other than passage of time, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8 + Details Name: us-gaap_ContractWithCustomerAssetNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_AccountsReceivableMember 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 62 R48.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE Capitalized Contractual Cost (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Oct. 31, 2023 Capitalized Contract Cost [Line Items] Â Â Â Â Â Capitalized Contract Cost, Amortization $ 13 $ 13 $ 43 $ 50 Â Other Assets [Member] Â Â Â Â Â Capitalized Contract Cost [Line Items] Â Â Â Â Â Capitalized Contract Cost, Net $ 37 Â $ 37 Â $ 43 X - DefinitionAmount of amortization expense for asset recognized from cost incurred to obtain or fulfill contract with customer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostAmortization 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/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after accumulated amortization and accumulated impairment loss, of asset recognized from cost incurred to obtain or fulfill contract with customer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479483/340-40-50-3 + Details Name: us-gaap_CapitalizedContractCostNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_OtherAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 63 R49.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE CONTRACT LIABILITIES ROLL FORWARD (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2024 Balance at October 31, 2023 Â $ 757 Deferral of revenue billed in current period, net of recognition Â 440 Deferred revenue arising out of acquisitions Â 19 Revenue recognized that was deferred as of the beginning of the period $ (105) (475) Foreign currency translation impact Â 3 Balance at July 31, 2024 $ 744 $ 744 X - DefinitionContract Liabilities-translation impact + ReferencesNo definition available. + Details Name: keys_ContractLiabilitiestranslationimpact Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2 + Details Name: us-gaap_ContractWithCustomerLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of increase (decrease) in obligation to transfer good or service to customer for which consideration from customer has been received or is due, from business combination. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10 + Details Name: us-gaap_ContractWithCustomerLiabilityIncreaseDecreaseForContractAcquiredInBusinessCombination Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of revenue recognized that was previously included in balance of obligation to transfer good or service to customer for which consideration from customer has been received or is due. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8 + Details Name: us-gaap_ContractWithCustomerLiabilityRevenueRecognized Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in obligation to transfer good or service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 912 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478345/912-310-45-11Reference 2: 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_IncreaseDecreaseInContractWithCustomerLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 64 R50.htm IDEA: XBRL DOCUMENT v3.24.2.u1 REVENUE Remaining performance obligations (Details) $ in Millions Jul. 31, 2024 USD ($) Revenue from Contract with Customer [Abstract] Â Revenue, Remaining Performance Obligation, Amount $ 570 Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Â Revenue, Remaining Performance Obligation, Amount $ 570 Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis]: 2024-08-01 Â Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Â Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period 3 months Revenue, Remaining Performance Obligation, Percentage 16.00% Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Year 2024 Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis]: 2024-11-01 Â Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Â Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period 1 year Revenue, Remaining Performance Obligation, Percentage 51.00% Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Year 2025 Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis]: 2025-11-01 Â Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Â Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period Revenue, Remaining Performance Obligation, Percentage 33.00% X - ReferencesNo definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of transaction price allocated to performance obligation that has not been recognized as revenue. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13 + Details Name: us-gaap_RevenueRemainingPerformanceObligation 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. + ReferencesNo definition available. + Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPeriod in which remaining performance obligation is expected to be recognized as revenue, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(1) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13 + Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionPeriod1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionYear in which remaining performance obligation is expected to be recognized, in YYYY format. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(1) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13 + Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionYear1 Namespace Prefix: us-gaap_ Data Type: dtr-types:gYearListItemType Balance Type: na Period Type: instant X - DefinitionPercentage of remaining performance obligation to total remaining performance obligation not recognized as revenue. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(1) -SubTopic 10 -Topic 606 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13 + Details Name: us-gaap_RevenueRemainingPerformanceObligationPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionStartDateAxis=2024-08-01 Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionStartDateAxis=2024-11-01 Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionStartDateAxis=2025-11-01 Namespace Prefix: Data Type: na Balance Type: Period Type: XML 65 R51.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SHARE-BASED COMPENSATION (Allocation of period costs) (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Share-based Compensation Expense, Allocation of Recognized Period Costs [Line Items] Â Â Â Â Share-based Compensation Expense $ 32 $ 27 $ 118 $ 111 ESI Group SA Â Â Â Â Share-based Compensation Expense, Allocation of

Recognized Period Costs [Line Items] Â Â Â Â Share-based Compensation Expense 3 Â 9 Â Cost of products and services Â Â Â Â Share-based Compensation Expense, Allocation of Recognized Period Costs [Line Items] Â Â Â Â Share-based Compensation Expense 7 4 22 20 Research and development Â Â Â Â Share-based Compensation Expense, Allocation of Recognized Period Costs [Line Items] Â Â Â Â Share-based Compensation Expense 8 8 30 31 Selling, general and administrative Â Â Â Â Share-based Compensation Expense, Allocation of Recognized Period Costs [Line Items] Â Â Â Â Share-based Compensation Expense $ 17 $ 15 $ 66 $ 60 X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense 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_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember 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_ResearchAndDevelopmentExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 66 R52.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SHARE-BASED COMPENSATION SHARE-BASED COMPENSATION (Textuals) (Details) - USD ($) $ in Millions 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Share-Based Payment Arrangement [Abstract] Â Â Share-based Compensation, Capitalized within inventory $ 2 $ 2 X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cost capitalized 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 50 -Paragraph 2 -Subparagraph (h)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 67 R53.htm IDEA: XBRL DOCUMENT v3.24.2.u1 INCOME TAXES (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Income Tax Disclosure [Abstract] Â Â Â Â Income before taxes $ 213 $ 389 $ 617 $ 1,081 Provision (benefit) for income taxes $ (176) $ 101 $ (70) $ 250 Effective Income Tax Rate, Percent (81.90%) 25.80% (11.20%) 23.10% Net Discrete Expense (Benefit) $ (179) $ 19 $ 178 $ 21 Discrete tax benefit (expense) [Line Items] 165 Â 165 Â Discrete tax expense [Line Items] $ 35 Â 35 Â Decrease in income tax provision due to tax incentives, Aggregate Dollar Amount Â Â $ 35 $ 73 X - DefinitionDiscrete tax benefit (expense) related to the deduction in the U.S. for intangible assets for purposes of determining income or loss under IRC Â§ 951A(c) + ReferencesNo definition available. + Details Name: keys_DiscreteTaxBenefitExpense Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - DefinitionDiscrete tax expense due to a change in the potential U.S. benefit associated with the future resolution of non-U.S. tax reserves. + ReferencesNo definition available. + Details Name: keys_DiscreteTaxExpense Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - DefinitionPercentage 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 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/1943274/2147482663/740-10-55-231 + Details Name: us-gaap_EffectiveIncomeTaxRateContinuingOperations Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType 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_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 X - DefinitionThe amount of income taxes from which a reporting entity is exempt or for which it will receive a reduction in income taxes as a result of the income tax holiday granted by the taxing jurisdiction. + ReferencesReference 1: 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 + Details Name: us-gaap_IncomeTaxHolidayAggregateDollarAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of other income tax expense (benefit). + 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/1943274/2147482685/740-10-50-9Reference 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(h)(1) (Note 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -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 + Details Name: us-gaap_OtherTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 68 R54.htm IDEA: XBRL DOCUMENT v3.24.2.u1 INCOME TAXES INCOME TAXES (Tax incentives) (Details) - USD ($) $ in Millions 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Income Tax Disclosure [Abstract] Â Â Tax incentives, Description Keysight benefits from tax incentives in several jurisdictions, most significantly in Singapore and Malaysia. The tax incentives provide lower rates of taxation on certain classes of income and require thresholds of investments and employment in those jurisdictions. The Malaysia tax incentive expires October 31, 2025. The Singapore tax incentive expired July 31, 2024. The expiration of the Singapore tax incentive in the current year has been reflected in the annual tax forecast. The impact of the tax incentives decreased the income tax provision Â Decrease in income tax provision due to tax incentives, Aggregate Dollar Amount $ 35 $ 73 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 amount of income taxes from which a reporting entity is exempt or for which it will receive a reduction in income taxes as a result of the income tax holiday granted by the taxing jurisdiction. + ReferencesReference 1: 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 + Details Name: us-gaap_IncomeTaxHolidayAggregateDollarAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionA description of the factual circumstances giving rise to an income tax exemption or special reduction received from a taxing jurisdiction. + ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxHolidayDescription Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 69 R55.htm IDEA: XBRL DOCUMENT v3.24.2.u1 INCOME TAXES INCOME TAXES (Income tax examination) (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2024 Malaysia Tax Authority [Member] Â Â Income Tax Examination [Line Items] Â Â Tax Adjustments, Settlements, and Unusual Provisions $ 61 $ 61 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 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_IncomeTaxExaminationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount 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. + 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_TaxAdjustmentsSettlementsAndUnusualProvisions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_IncomeTaxAuthorityNameAxis=keys_MalaysiaTaxAuthorityMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 70 R56.htm IDEA: XBRL DOCUMENT v3.24.2.u1 NET INCOME PER SHARE NET INCOME PER SHARE (Computation) (Details) - USD ($) $ / shares in Units, shares in Millions, $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Earnings Per Share [Abstract] Â Â Â Â Net income $ 389 $ 288 $ 687 $ 831 Basic weighted-average shares 174 178 174 178 Potential common shares 1 1 1 1 Diluted weighted-average shares 175 179 175 179 Net income per share - basic $ 2.23 $ 1.62 $ 3.94 $ 4.66 Net income per share - diluted $ 2.22 $ 1.61 $ 3.92 $ 4.63 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/1943274/2147483443/250-10-50-3Reference 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/1943274/2147478524/942-220-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 - DefinitionAdditional 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. + ReferencesReference 1: 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/1943274/2147480454/718-10-45-1Reference 2: 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 3: 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/1943274/2147482689/260-10-45-22Reference 4: 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/1943274/2147482689/260-10-45-23Reference 5: 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 + Details Name: us-gaap_IncrementalCommonSharesAttributableToShareBasedPaymentArrangements 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 - 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 71 R57.htm IDEA: XBRL DOCUMENT v3.24.2.u1 NET INCOME PER SHARE (Narratives) (Details) - shares shares in Thousands 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Antidilutive Securities Excluded from EPS Computation Â Â Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share, Number 0 0 0 0 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 XML 72 R58.htm IDEA: XBRL DOCUMENT v3.24.2.u1 GOODWILL AND OTHER INTANGIBLE ASSETS (Goodwill Roll forward) (Details) $ in Millions 9 Months Ended Jul. 31, 2024 USD ($) Goodwill [Roll Forward] Â Goodwill at October 31, 2023 $ 1,640 Foreign currency translation impact 8 Goodwill 743 Goodwill at July 31, 2024 2,391 Communications Solutions Group Â Goodwill [Roll Forward] Â Goodwill at October 31, 2023 1,057 Foreign currency translation impact 3 Goodwill 185 Goodwill at July 31, 2024 1,245 Electronic Industrial Solutions Group Â Goodwill [Roll Forward] Â Goodwill at October 31, 2023 583 Foreign currency translation impact 5 Goodwill 558 Goodwill at July 31, 2024 $ 1,146 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 - DefinitionAmount of increase in asset representing future economic benefits arising from other assets acquired in a business combination that are not individually identified and separately recognized resulting from a business combination. + 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 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 + Details Name: us-gaap_GoodwillAcquiredDuringPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of foreign currency translation gain (loss) which increases (decreases) asset representing future economic benefit 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/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 + Details Name: us-gaap_GoodwillForeignCurrencyTranslationGainLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_GoodwillRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_CommunicationsSolutionsGroupMemberMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_ElectronicIndustrialSolutionsGroupMemberMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 73 R59.htm IDEA: XBRL DOCUMENT v3.24.2.u1 GOODWILL AND OTHER INTANGIBLE ASSETS IMPAIRMENT (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Oct. 31, 2023 Goodwill and Intangible Assets Disclosure [Abstract] Â Â Â Â Â Goodwill, Impairment Loss $ 0 $ 0 $ 0 $ 0 Â Goodwill, Impaired, Accumulated Impairment Loss $ 709 Â $ 709 Â $ 709 X - ReferencesNo definition available. + Details Name: us-gaap_GoodwillAndIntangibleAssetsDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount 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. + 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 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 3: 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 + Details Name: us-gaap_GoodwillImpairedAccumulatedImpairmentLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount 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. + 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 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/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 4: 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 5: 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 6: 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 + Details Name: us-gaap_GoodwillImpairmentLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 74 R60.htm IDEA: XBRL DOCUMENT v3.24.2.u1 GOODWILL AND OTHER INTANGIBLE ASSETS (Disclosures and Components of Purchased Other Intangibles) (Details) - USD ($) $ in Millions 9 Months Ended Jul. 31, 2024 Oct. 31, 2023 Finite-Lived Intangible Assets [Line Items] Â Â Amortizable intangible assets, Gross carrying amount $ 2,029 $ 1,494 Accumulated Amortization and impairments 1,445 1,339 Amortizable intangible assets, Net book value 584 155 In Process Research and Development Â Â Finite-Lived Intangible Assets [Line Items] Â Â In-processÂ researchÂ andÂ development 53 0 Developed technology Â

Â Finite-Lived Intangible Assets [Line Items] Â Â Amortizable intangible assets, Gross carrying amount 1,367 1,033 Accumulated Amortization and impairments 1,000 949 Amortizable intangible assets, Net book value 367 84 Backlog Â Â Finite-Lived Intangible Assets [Line Items] Â Â Amortizable intangible assets, Gross carrying amount 37 19 Accumulated Amortization and impairments 23 17 Amortizable intangible assets, Net book value 14 2 Trademark/Tradename Â Â Finite-Lived Intangible Assets [Line Items] Â Â Amortizable intangible assets, Gross carrying amount 38 36 Accumulated Amortization and impairments 35 33 Amortizable intangible assets, Net book value 3 3 Customer relationships Â Â Finite-Lived Intangible Assets [Line Items] Â Â Amortizable intangible assets, Gross carrying amount 587 406 Accumulated Amortization and impairments 387 340 Amortizable intangible assets, Net book value 200 $ 66 In Process Research and Development Â Â Finite-Lived Intangible Assets [Line Items] Â Â Finite-Lived Intangible Assets, Period Increase (Decrease) $ 7 Â X - DefinitionAccumulated amount of amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 928 -SubTopic 340 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478859/928-340-50-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsGross 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 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 6: 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/1943274/2147482665/350-30-50-3Reference 7: 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 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in carrying value of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetsPeriodIncreaseDecrease Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - DefinitionAmount of assets, excluding financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_IndefiniteLivedIntangibleAssetsExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_IndefiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_InProcessResearchAndDevelopmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_OrderOrProductionBacklogMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TrademarksMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_InProcessResearchAndDevelopmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 75 R61.htm IDEA: XBRL DOCUMENT v3.24.2.u1 GOODWILL AND OTHER INTANGIBLE ASSETS (Acquisition Narratives) (Details) - USD ($) $ in Millions 9 Months Ended Nov. 03, 2023 Jul. 31, 2024 Business Acquisition [Line Items] Â Â Goodwill Â $ 743 Finite-lived Intangible Assets Acquired Â $ 582 ESI Group SA Â Â Business Acquisition [Line Items] Â Â Goodwill $ 603 Â Other intangible assets $ 494 Â 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 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 + Details Name: us-gaap_BusinessAcquisitionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of intangible assets, excluding goodwill, acquired at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibleAssetsOtherThanGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in assets, excluding financial assets, lacking physical substance with a definite life, from an acquisition. + ReferencesReference 1: 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 + Details Name: us-gaap_FinitelivedIntangibleAssetsAcquired1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase in asset representing future economic benefits arising from other assets acquired in a business combination that are not individually identified and separately recognized resulting from a business combination. + 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 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 + Details Name: us-gaap_GoodwillAcquiredDuringPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 76 R62.htm IDEA: XBRL DOCUMENT v3.24.2.u1 GOODWILL AND OTHER INTANGIBLE ASSETS (Intangible assets narratives) (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Goodwill and Intangible Assets Disclosure [Abstract] Â Â Â Â Finite Lived Intangible Assets, Foreign Currency Translation Gain (Loss) Â Â $ 6 Â Amortization of Intangible Assets $ 31 $ 23 $ 106 $ 71 X - DefinitionThe aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + 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 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-2 + Details Name: us-gaap_AmortizationOfIntangibleAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of foreign currency translation gain (loss) which increases (decreases) assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetsForeignCurrencyTranslationGainLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_GoodwillAndIntangibleAssetsDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 77 R63.htm IDEA: XBRL DOCUMENT v3.24.2.u1 GOODWILL AND OTHER INTANGIBLE ASSETS (Finite-Lived Assets Future Amortization Expense) (Details) $ in Millions Jul. 31, 2024 USD ($) Finite-Lived Intangible Assets, Net, Amortization Expense, Fiscal Year Maturity [Abstract] Â 2024 (remainder) $ 32 2025 124 2026 111 2027 99 2028 96 2029 88 Thereafter $ 34 X - DefinitionAmount of amortization for asset, excluding financial asset and goodwill, lacking physical substance with finite life expected to be recognized 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/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -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 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseAfterYearFive Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in next 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/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: 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 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in remainder of current fiscal year. + ReferencesReference 1:

http://www.xbrl.org/2009/role/commonPracticeRef -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 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in 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/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: 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 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearFive Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in fourth 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/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: 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 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearFour Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in third 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/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: 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 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in second 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/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: 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 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetsFutureAmortizationExpenseAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 78 R64.htm IDEA: XBRL DOCUMENT v3.24.2.u1 FAIR VALUE MEASUREMENTS (Fair value of assets and liabilities measured on a recurring basis) (Details) - Fair Value, Measurements, Recurring - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Assets Short - term [Abstract] Â Â Money market funds $ 989 $ 1,934 Derivative instruments (foreign exchange contracts) 14 18 Assets, Long-term [Abstract] Â Â Equity investments 78 56 Equity investments - other 29 25 Total assets measured at fair value 1,110 2,033 Liabilities, Short-term [Abstract] Â Â Derivative instruments (foreign exchange contracts) 8 54 Liabilities Long-term [Abstract] Â Â Deferred compensation liability 33 27 Total liabilities measured at fair value 41 81 Level 1 Â Â Assets Short - term [Abstract] Â Â Money market funds 989 1,934 Derivative instruments (foreign exchange contracts) 0 0 Assets, Long-term [Abstract] Â Â Equity investments 78 56 Equity investments - other 0 0 Total assets measured at fair value 1,067 1,990 Liabilities, Short-term [Abstract] Â Â Derivative instruments (foreign exchange contracts) 0 0 Liabilities Long-term [Abstract] Â Â Deferred compensation liability 0 0 Total liabilities measured at fair value 0 0 LevelÂ 2 Â Â Assets Short - term [Abstract] Â Â Money market funds 0 0 Derivative instruments (foreign exchange contracts) 14 18 Assets, Long-term [Abstract] Â Â Equity investments 0 0 Equity investments - other 0 0 Total assets measured at fair value 14 18 Liabilities, Short-term [Abstract] Â Â Derivative instruments (foreign exchange contracts) 8 54 Liabilities Long-term [Abstract] Â Â Deferred compensation liability 33 27 Total liabilities measured at fair value 41 81 LevelÂ 3 Â Â Assets Short - term [Abstract] Â Â Money market funds 0 0 Derivative instruments (foreign exchange contracts) 0 0 Assets, Long-term [Abstract] Â Â Equity investments 0 0 Equity investments - other 0 0 Total assets measured at fair value 0 0 Liabilities, Short-term [Abstract] Â Â Derivative instruments (foreign exchange contracts) 0 0 Liabilities Long-term [Abstract] Â Â Deferred compensation liability 0 0 Total liabilities measured at fair value $ 0 $ 0 X - DefinitionThis element represents a certain statement of financial position liability which deferred compensation liability, measured at fair value on a recurring basis. + ReferencesNo definition available. + Details Name: keys_FairValueLiabilitiesMeasuredOnRecurringBasisDeferredCompensationLiability Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: credit 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 - DefinitionFair value portion of asset recognized for present right to economic benefit. + 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/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_AssetsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsNoncurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of investment in equity security measured at fair value with change in fair value recognized in net income (FV-NI), classified as current. + 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(2)) -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 (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482736/825-10-45-1A + Details Name: us-gaap_EquitySecuritiesFvNi Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investment in equity security without readily determinable fair value. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -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 + Details Name: us-gaap_EquitySecuritiesWithoutReadilyDeterminableFairValueAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value portion of asset contracts related to the exchange of different currencies, including, but not limited to, foreign currency options, forward contracts, and swaps. + ReferencesReference 1: 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 2: 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 + Details Name: us-gaap_ForeignCurrencyContractAssetFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value portion of liability contracts related to the exchange of different currencies, including, but not limited to, foreign currency options, forward (delivery or nondelivery) contracts, and swaps entered into. + ReferencesReference 1: 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 2: 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 + Details Name: us-gaap_ForeignCurrencyContractsLiabilityFairValueDisclosure 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 - DefinitionFair value of financial and nonfinancial obligations. + 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/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 + Details Name: us-gaap_LiabilitiesFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesNoncurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionInvestment in short-term money-market instruments (such as commercial paper, banker's acceptances, repurchase agreements, government securities, certificates of deposit, and so forth) which are highly liquid (that is, readily convertible to known amounts of cash) and so near their maturity that they present an insignificant risk of changes in value because of changes in interest rates. Generally, only investments with original maturities of three months or less qualify as cash equivalents by definition. Original maturity means an original maturity to the entity holding the investment. For example, both a three-month US Treasury bill and a three-year Treasury note purchased three months from maturity qualify as cash equivalents. However, a Treasury note purchased three-years ago does not become a cash equivalent when its remaining maturity is three months. + ReferencesNo definition available. + Details Name: us-gaap_MoneyMarketFundsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FairValueByMeasurementFrequencyAxis=us-gaap_FairValueMeasurementsRecurringMember 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_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel2Member 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: XML 79 R65.htm IDEA: XBRL DOCUMENT v3.24.2.u1 FAIR VALUE MEASUREMENTS FAIR VALUE MEASUREMENTS (Net recognized gains losses on equity securities) (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Debt and Equity Securities, Gain (Loss) [Abstract] Â Â Â Â Equity Securities, FV-NI, Realized Gain $ 0 $ 0 $ 0 $ 0 Equity Securities, FV-NI, Unrealized Gain (Loss) 3 $ 13 13 $ 20 Equity Method Investments $ 10 Â $ 10 Â X - ReferencesNo definition available. + Details Name: us-gaap_DebtAndEquitySecuritiesGainLossAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThis item represents the carrying amount on the entity's balance sheet of its investment in common stock of an equity method investee. This is not an indicator of the fair value of the investment, rather it is the initial cost adjusted for the entity's share of earnings and losses of the investee, adjusted for any distributions (dividends) and other than temporary impairment (OTTI) losses recognized. + 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 323 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481664/323-10-45-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -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 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6:

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 + Details Name: us-gaap_EquityMethodInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of realized gain from sale of investment in equity security measured at fair value with change in fair value recognized in net income (FV-NI). + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 321 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479536/321-10-50-4 + Details Name: us-gaap_EquitySecuritiesFvNiRealizedGain Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of unrealized gain (loss) on investment in equity security measured at fair value with change in fair value recognized in net income (FV-NI). + 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(3)(d)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 321 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479536/321-10-50-4 + Details Name: us-gaap_EquitySecuritiesFvNiUnrealizedGainLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 80 R66.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DERIVATIVES Derivative, interest rate swaps (Details) â,¬ in Millions, $ in Millions 9 Months Ended Jul. 31, 2024 USD ($) Jul. 31, 2023 USD ($) Jul. 31, 2024 EUR (â,¬) Oct. 31, 2020 USD ($) Derivative [Line Items] Â Â Â Â Interest rate swap agreement termination proceeds $ 0 $ 107 Â Â Treasury Lock Â Â Â Â Derivative [Line Items] Â Â Â Â Derivative Liability, Notional Amount Â Â Â $ 600 Interest Rate Swap [Member] Â Â Â Â Derivative [Line Items] Â Â Â Â Derivative Liability, Notional Amount | â,¬ Â Â â,¬ 5 Â X - DefinitionInterest rate swap agreement termination proceeds + ReferencesNo definition available. + Details Name: keys_InterestRateSwapAgreementTerminationProceeds Namespace Prefix: keys_ 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 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 - DefinitionNominal or face amount used to calculate payment on derivative. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1BReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1A + Details Name: us-gaap_DerivativeNotionalAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_TreasuryLockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_InterestRateSwapMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 81 R67.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DERIVATIVES ACQUISITION (Details) â,¬ in Millions, Â£ in Millions, $ in Millions 9 Months Ended 13 Months Ended Jul. 31, 2024 USD ($) Jul. 31, 2024 USD ($) Jul. 31, 2024 EUR (â,¬) Jul. 31, 2024 GBP (Â£) Oct. 31, 2023 EUR (â,¬) Oct. 31, 2020 USD ($) Derivative [Line Items] Â Â Â Â Â Derivative, Loss on Derivative $ 18 Â Â Â Â Â ESI Group SA Â Â Â Â Â Â Derivative [Line Items] Â Â Â Â Â Derivative, Loss on Derivative Â $ 63 Â Â Â Â Treasury Lock Â Â Â Â Â Derivative Instruments and Hedging Activities Disclosure [Abstract] Â Â Â Â Â Derivative Liability, Notional Amount Â Â Â Â Â $ 600 Derivative [Line Items] Â Â Â Â Â Derivative Liability, Notional Amount Â Â Â Â Â $ 600 Interest Rate Swap [Member] Â Â Â Â Â Derivative Instruments and Hedging Activities Disclosure [Abstract] Â Â Â Â Â Derivative Liability, Notional Amount | â,¬ Â Â â,¬ 5 Â Â Â Derivative [Line Items] Â Â Â Â Â Derivative Liability, Notional Amount | â,¬ Â Â â,¬ 5 Â Â Â Foreign Exchange Forward | Not Designated as Hedging Instrument Â Â Â Â Â Derivative Instruments and Hedging Activities Disclosure [Abstract] Â Â Â Â Â Derivative Liability, Notional Amount Â Â Â Â£ 1,200 â,¬ 930 Â Derivative [Line Items] Â Â Â Â Â Derivative Liability, Notional Amount Â Â Â Â£ 1,200 â,¬ 930 Â Derivatives not designated as hedging instruments: $ 7 Â Â Â Â Â X - DefinitionAmount of increase (decrease) in the fair value of derivatives recognized in the income statement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4A -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4A + Details Name: us-gaap_DerivativeGainLossOnDerivativeNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType 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 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 - DefinitionAmount of decrease in the fair value of derivatives recognized in the income statement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4A -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4A + Details Name: us-gaap_DerivativeLossOnDerivative Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionNominal or face amount used to calculate payment on derivative. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1BReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1A + Details Name: us-gaap_DerivativeNotionalAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_TreasuryLockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_InterestRateSwapMember 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: us-gaap_HedgingDesignationAxis=us-gaap_NondesignatedMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 82 R68.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DERIVATIVES, Disclosures and derivative instrument aggregated notional amounts by currency and designations (Details) $ in Millions Jul. 31, 2024 USD ($) contracts Open Forward Foreign Currency Contract, Identifier [Axis]: Euro - Cash Flow Hedging Â Derivative [Line Items] Â Derivative Liability, Notional Amount $ 21 Open Forward Foreign Currency Contract, Identifier [Axis]: Euro - Not Designated as Hedging Instrument Â Derivative [Line Items] Â Derivative Liability, Notional Amount 44 Open Forward Foreign Currency Contract, Identifier [Axis]: Japanese Yen - Cash Flow Hedging Â Derivative [Line Items] Â Derivative Asset 103 Open Forward Foreign Currency Contract, Identifier [Axis]: Japanese Yen - Not Designated as Hedging Instrument Â Derivative [Line Items] Â Derivative Asset 66 Open Forward Foreign Currency Contract, Identifier [Axis]: Malaysian Ringgit - Cash Flow Hedging Â Derivative [Line Items] Â Derivative Liability, Notional Amount 104 Open Forward Foreign Currency Contract, Identifier [Axis]: Malaysian Ringgit - Not Designated as Hedging Instrument Â Derivative [Line Items] Â Derivative Liability, Notional Amount 11 Open Forward Foreign Currency Contract, Identifier [Axis]: Other Currencies - Cash Flow Hedging Â Derivative [Line Items] Â Derivative Asset 34 Open Forward Foreign Currency Contract, Identifier [Axis]: Other currencies - Not Designated as Hedging Instrument Â Derivative [Line Items] Â Derivative Liability, Notional Amount 31 Open Forward Foreign Currency Contract, Identifier [Axis]: Pound Sterling - Cash Flow Hedging Â Derivative [Line Items] Â Derivative Liability, Notional Amount 9 Open Forward Foreign Currency Contract, Identifier [Axis]: Pound Sterling - Not Designated as Hedging Instrument Â Derivative [Line Items] Â Derivative Liability, Notional Amount 1,541 Open Forward Foreign Currency Contract, Identifier [Axis]: Singapore Dollar - Cash Flow Hedging Â Derivative [Line Items] Â Derivative Liability, Notional Amount 35 Open Forward Foreign Currency Contract, Identifier [Axis]: Singapore Dollar - Not Designated as Hedging Instrument Â Derivative [Line Items] Â Derivative Liability, Notional Amount 4 Open Forward Foreign Currency Contract, Identifier [Axis]: Total - Cash Flow Hedging Â Derivative [Line Items] Â Derivative Liability, Notional Amount 32 Open Forward Foreign Currency Contract, Identifier [Axis]: Total - Not Designated as Hedging Instrument Â Derivative [Line Items] Â Derivative Liability, Notional Amount $ 1,503 Foreign Exchange Forward | Cash Flow Hedging Â Derivative [Line Items] Â Number of Foreign Currency Derivatives Held | contracts 207 Foreign Exchange Forward | Not Designated as Hedging Instrument Â Derivative [Line Items] Â Number of Foreign Currency Derivatives Held | contracts 85 X - DefinitionNominal or face amount used to calculate payments on the derivative asset. + ReferencesReference 1: 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 2: 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 E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 3: 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 D)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 4: 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-S99-5BReference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1BReference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1AReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1A + Details Name: us-gaap_DerivativeAssetNotionalAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: instant X - DefinitionNominal or face amount used to calculate payments on the derivative liability. + ReferencesReference 1: 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 E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 2: 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 D)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 3: 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 D)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 4: 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-S99-5BReference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1BReference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1AReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1A + Details Name: us-gaap_DerivativeLiabilityNotionalAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType 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/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 - DefinitionNumber of foreign currency exchange rate derivatives held by the entity at the reporting date. + ReferencesReference 1: 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/1943274/2147480434/815-10-50-1BReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 1A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1A + Details Name: us-gaap_NumberOfForeignCurrencyDerivativesHeld Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Euro - Cash Flow Hedging Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Euro - Not Designated as Hedging Instrument Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Japanese Yen - Cash Flow Hedging Namespace Prefix: Data Type: na Balance Type: Period Type:

X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Japanese Yen - Not Designated as Hedging Instrument Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Malaysian Ringgit - Cash Flow Hedging Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Malaysian Ringgit - Not Designated as Hedging Instrument Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Other Currencies - Cash Flow Hedging Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Other currencies - Not Designated as Hedging Instrument Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Pound Sterling - Cash Flow Hedging Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Pound Sterling - Not Designated as Hedging Instrument Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Singapore Dollar - Cash Flow Hedging Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Singapore Dollar - Not Designated as Hedging Instrument Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Total - Cash Flow Hedging Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis=Total - Not Designated as Hedging Instrument 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: us-gaap_DerivativeInstrumentsGainLossByHedgingRelationshipAxis=us-gaap_CashFlowHedgingMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentsGainLossByHedgingRelationshipAxis=us-gaap_NondesignatedMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 83 R69.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DERIVATIVES, Fair value of derivative instruments and Consolidated Balance Sheet location (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Derivative Fair Value by Balance Sheet Location [Abstract] Â Â Total derivatives Asset $ 14 $ 18 Total derivatives Liabilities 8 54 Designated as Hedging Instruments | Cash Flow Hedging | Foreign Exchange Contracts | Other Current Assets [Member] Â Â Derivative Fair Value by Balance Sheet Location [Abstract] Â Â Total derivatives Asset 4 16 Designated as Hedging Instruments | Cash Flow Hedging | Foreign Exchange Contracts | Other Current Liabilities [Member] Â Â Derivative Fair Value by Balance Sheet Location [Abstract] Â Â Total derivatives Liabilities 3 7 Not Designated as Hedging Instrument | Foreign Exchange Contracts | Other Current Assets [Member] Â Â Derivative Fair Value by Balance Sheet Location [Abstract] Â Â Total derivatives Asset 10 2 Not Designated as Hedging Instrument | Foreign Exchange Contracts | Other Current Liabilities [Member] Â Â Derivative Fair Value by Balance Sheet Location [Abstract] Â Â Total derivatives Liabilities $ 5 $ 47 X - DefinitionFair value, before 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 elected not to be offset. Excludes assets not subject to a master netting arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4BReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4BReference 3: 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 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-7Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 4D -Subparagraph (c)(2) -SubTopic 20 -Topic 860 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-4D + Details Name: us-gaap_DerivativeFairValueOfDerivativeAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value, before 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 elected not to be offset. Excludes liabilities not subject to a master netting arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4BReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4BReference 3: 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 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-7Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 4D -Subparagraph (c)(2) -SubTopic 20 -Topic 860 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481326/860-20-50-4D + Details Name: us-gaap_DerivativeFairValueOfDerivativeLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_DerivativeFairValueOfDerivativeNetAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_HedgingDesignationAxis=us-gaap_DesignatedAsHedgingInstrumentMember 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: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeContractMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_OtherCurrentAssetsMember 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: X - Details Name: us-gaap_HedgingDesignationAxis=us-gaap_NondesignatedMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 84 R70.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DERIVATIVES, Effect of derivative instruments on Consolidated Statement of Operations (Details) â,¬ in Millions, $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 USD ($) Jul. 31, 2023 USD ($) Jul. 31, 2024 USD ($) Jul. 31, 2023 USD ($) Jul. 31, 2024 EUR (â,¬) Oct. 31, 2020 USD ($) Derivative [Line Items] Â Â Â Â Â Â Cash Flow Hedge Gain (Loss) to be Reclassified within Twelve Months Â Â $ 9 Â Â Â Other Nonoperating Income (Expense) Â Â Â Â Â Â Derivative [Line Items] Â Â Â Â Â Â Derivative Instruments Not Designated as Hedging Instruments, Gain (Loss), Net $ 8 $ (2) (12) $ (2) Â Â Interest Rate Swap [Member] Â Â Â Â Â Â Derivative [Line Items] Â Â Â Â Â Â Derivative Liability, Notional Amount | â,¬ Â Â Â Â â,¬ 5 Â Treasury Lock Â Â Â Â Â Â Derivative [Line Items] Â Â Â Â Â Â Derivative Liability, Notional Amount Â Â Â Â Â $ 600 Designated as Hedging Instruments | Cash Flow Hedging | Interest Rate Swap [Member] Â Â Â Â Â Â Derivative [Line Items] Â Â Â Â Â Â Fair Value, Net Derivative Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI 0 0 0 (26) Â Â Designated as Hedging Instruments | Cash Flow Hedging | Foreign Exchange Contracts Â Â Â Â Â Â Derivative [Line Items] Â Â Â Â Â Â Fair Value, Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI 0 3 1 3 Â Â Designated as Hedging Instruments | Cash Flow Hedging | Foreign Exchange Contracts | Cost of products and services Â Â Â Â Â Â Derivative [Line Items] Â Â Â Â Â Â Gain (loss) reclassified from accumulated other comprehensiveÂ income (loss) into earnings: 3 1 9 5 Â Â Gain excluded from effectiveness testing recognized in earnings based on changes in fair value: 0 2 3 4 Â Â Designated as Hedging Instruments | Cash Flow Hedging | Foreign Exchange Contracts | Selling, general and administrative Â Â Â Â Â Â Derivative [Line Items] Â Â Â Â Â Â Gain (loss) reclassified from accumulated other comprehensiveÂ income (loss) into earnings: 0 0 (1) (1) Â Â Gain excluded from effectiveness testing recognized in earnings based on changes in fair value: $ (1) $ 0 $ (1) $ 0 Â Â 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 - DefinitionThe effective portion of net gain (loss) reclassified from accumulated other comprehensive income into income on derivative instruments designated and qualifying as hedging instruments. + ReferencesReference 1: 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/1943274/2147480434/815-10-50-4DReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4C -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C + Details Name: us-gaap_DerivativeInstrumentsGainLossReclassifiedFromAccumulatedOCIIntoIncomeEffectivePortionNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of gains and losses (net) on derivative instruments designated and qualifying as hedging instruments representing (a) the amount of the hedge ineffectiveness and (b) the amount, if any, excluded from the assessment of hedge effectiveness. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4C -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C + Details Name: us-gaap_DerivativeInstrumentsGainLossRecognizedInIncomeIneffectivePortionAndAmountExcludedFromEffectivenessTestingNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of realized and unrealized gain (loss) of derivative instruments not designated or qualifying as hedging instruments. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 4C -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4CReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 4CC -SubTopic 10 -Topic 815 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4CC + Details Name: us-gaap_DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet 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 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 - DefinitionNominal or face amount used to calculate payment on derivative. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1BReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1A + Details Name: us-gaap_DerivativeNotionalAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: instant X - DefinitionAmount of unrealized gain (loss) recognized in other comprehensive income (OCI) from asset (liability) measured at fair value on recurring basis using unobservable input (level 3) and still held. + ReferencesReference 1: 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 + Details Name: us-gaap_FairValueAssetLiabilityRecurringBasisStillHeldUnrealizedGainLossOci Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of unrealized gain (loss) recognized in other comprehensive income (OCI) from derivative asset (liability) after deduction of derivative liability (asset), measured at fair value using unobservable input (level 3) and still held. + 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/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueNetDerivativeAssetLiabilityRecurringBasisStillHeldUnrealizedGainLossOci Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_OtherNonoperatingIncomeExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_InterestRateSwapMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_TreasuryLockMember 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_DerivativeInstrumentsGainLossByHedgingRelationshipAxis=us-gaap_CashFlowHedgingMember 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_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 85 R71.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DEBT Summary of Long Term Debt incl. unamortized cost (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Debt Instrument Â Â Debt, Long-Term and Short-Term, Combined Amount $ 1,796 $ 1,794 Current portion of long-term debt 600 599 Long-term Debt, Excluding Current Maturities 1,196 1,195 Senior Notes 2024 Â Â Debt Instrument Â Â Senior Notes 600 599 Unamortized costs 0 1 Debt Instrument, Face Amount $ 600 Â Debt Instrument, Interest Rate, Stated Percentage 4.55% Â Senior Notes 2027 Â Â Debt Instrument Â Â Senior Notes $ 698 698 Unamortized costs 2 2 Debt Instrument, Face Amount $ 700 Â Debt Instrument, Interest Rate, Stated Percentage 4.60% Â Senior Notes 2029 Â Â Debt Instrument Â Â Senior Notes $ 498 497 Unamortized costs 2 $ 3 Debt Instrument, Face Amount $ 500 Â Debt Instrument, Interest Rate, Stated Percentage 3.00% Â 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 - 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 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 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 - DefinitionAmount of unamortized debt discount (premium) and debt issuance costs. + 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/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 3: 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 4: 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 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/1943274/2147482925/835-30-45-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-1A + Details Name: us-gaap_DebtInstrumentUnamortizedDiscountPremiumAndDebtIssuanceCostsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation. + 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/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 3: 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 4: 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 5: 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 6: 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 7: 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-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_LongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as current. Excludes lease obligation. + 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(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as noncurrent. Excludes lease obligation. + 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(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIncluding the current and noncurrent portions, carrying value as of the balance sheet date of Notes with the highest claim on the assets of the issuer in case of bankruptcy or liquidation (with maturities initially due after one year or beyond the operating cycle if longer). Senior note holders are paid off in full before any payments are made to junior note holders. + 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(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: 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_SeniorNotes Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_DebtInstrumentAxis=keys_SeniorNotes2024Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=keys_SeniorNotes2027Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-

gaap_DebtInstrumentAxis=keys_SeniorNotes2029Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 86 R72.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DEBT (Short-Term Debt - Revolving Credit Facility) (Details) â,¬ in Millions, $ in Millions 9 Months Ended Jul. 31, 2024 USD ($) Jul. 31, 2024 USD ($) Nov. 03, 2023 EUR (â,¬) Oct. 31, 2023 USD ($) Line of Credit facility Â Â Â Â Facility, Maximum Borrowing Capacity $ 750 $ 750 Â Â ESI Group SA Â Â Â Â Line of Credit facility Â Â Â Â Facility, Maximum Borrowing Capacity | â,¬ Â Â â,¬ 10 Â Debt Instrument, Description of Variable Rate Basis Â EURIBOR + 2 to 2.5 percent Â Â Revolving Credit Facility Â Â Â Â Line of Credit facility Â Â Â Â Facility, Initiation Date Jul. 30, 2021 Â Â Â Facility, Expiration Date Jul. 30, 2026 Â Â Â Additional drawings on credit facility $ 250 Â Â Â Facility, Outstanding $ 0 $ 0 Â $ 0 Facility, Covenant Compliance We were in compliance with the covenants of the Revolving Credit Facility during the nine months ended July 31, 2024. Â Â Â Secured Overnight Financing Rate (SOFR) Overnight Index Swap Rate | Revolving Credit Facility Â Â Â Â Line of Credit facility Â Â Â Â Debt Instrument, Description of Variable Rate Basis On February 17, 2023, we entered into the first amendment to the Revolving Credit Facility to change the annual interest rate from LIBOR + 1 percent to SOFR + 1.1 percent. Â Â Â X - DefinitionAdditional drawings on credit facility + ReferencesNo definition available. + Details Name: keys_Additionaldrawingsoncreditfacility Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionDescription of reference rate used for variable rate of debt instrument. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentDescriptionOfVariableRateBasis Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionIdentification of whether the entity has been in compliance with any credit facility debt covenants during the period. + 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(22)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-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(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityCovenantCompliance Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na 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 - DefinitionFair value of the amount outstanding under the credit facility. + ReferencesReference 1: 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_LineOfCreditFacilityFairValueOfAmountOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDate the credit facility first became available, 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_LineOfCreditFacilityInitiationDate1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType 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 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/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 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(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType 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 - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember 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_VariableRateAxis=us-gaap_SecuredOvernightFinancingRateSofrOvernightIndexSwapRateMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 87 R73.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DEBT ESI assumed (Details) - USD ($) $ in Millions 9 Months Ended Jul. 31, 2024 Jul. 31, 2024 Jul. 31, 2023 Nov. 03, 2023 Debt Instrument Â Â Â Â Repayment of debt $ 24 Â $ 0 Â ESI Group SA Â Â Â Â Debt Instrument Â Â Â Â Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Long-Term Debt Â Â Â $ 24 Loans Payable, Current Â Â Â 10 Debt Instrument, Description of Variable Rate Basis Â EURIBOR + 2 to 2.5 percent Â Â ESI Group SA | Syndicated loan Â Â Â Â Debt Instrument Â Â Â Â Loans Payable Â Â Â 11 ESI Group SA | State-guaranteed loans Â Â Â Â Debt Instrument Â Â Â Â Loans Payable Â Â Â 13 ESI Group SA | Other bank borrowings Â Â Â Â Debt Instrument Â Â Â Â Loans Payable Â Â Â $ 13 X - DefinitionAmount of long-term debt due after one year or the normal operating cycle, if longer, assumed at the acquisition date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedNoncurrentLiabilitiesLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDescription of reference rate used for variable rate of debt instrument. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentDescriptionOfVariableRateBasis Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType 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/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 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 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 - DefinitionIncluding the current and noncurrent portions, aggregate carrying value as of the balance sheet date of loans payable (with maturities initially due after one year or beyond the operating cycle if longer). + 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_LoansPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of portion of long-term loans payable due within one year or the 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_LoansPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of cash outflow for short-term and long-term debt. Excludes payment of lease obligation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -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_RepaymentsOfDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_BusinessAcquisitionAxis=keys_ESIGroupSAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=us-gaap_LoansMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=us-gaap_LoansInsuredOrGuaranteedByNonUsGovernmentAuthoritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=us-gaap_BankLoanObligationsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 88 R74.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DEBT letter of credits (Details) Â£ in Millions, $ in Millions Jul. 31, 2024 USD ($) Jul. 31, 2024 GBP (Â£) Oct. 31, 2023 USD ($) Short-term Debt [Line Items] Â Â Â Facility, Maximum Borrowing Capacity $ 750 Â Â Letters of Credit Outstanding, Amount 43 Â $ 41 Letters of Credit Outstanding, Amount $ 43 Â $ 41 Bridge Loan Â Â Â Short-term Debt [Line Items] Â Â Â Facility, Maximum Borrowing Capacity | Â£ Â Â£ 1,232 Â X - DefinitionThe total amount of the contingent obligation under letters of credit outstanding as of the reporting date. + ReferencesNo definition available. + Details Name: us-gaap_LettersOfCreditOutstandingAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant 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 - 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_ShortTermDebtLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ShortTermDebtTypeAxis=us-gaap_BridgeLoanMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 89 R75.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DEBT FAIR VALUE (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Debt Disclosure [Abstract] Â Â Long-Term Debt, Fair Value $ 1,751 $ 1,679 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 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 XML 90 R76.htm IDEA: XBRL DOCUMENT v3.24.2.u1 DEBT Bridge Loan Facility (Details) - 9 months ended Jul. 31, 2024 Â£ in Millions, $ in Millions USD ($) GBP (Â£) Line of Credit facility Â Â Facility, Maximum Borrowing Capacity $ 750 Â Payments of Financing Costs 7 Â Payments of Financing Costs $ 7 Â Bridge Loan Â Â Line of Credit facility Â Â Facility, Description On March 28, 2024, we entered into a bridge credit agreement (the â€œBridge Facilityâ€) pursuant to which certain lenders agreed to provide a senior unsecured 364-day bridge credit facility of up to 1,350Â million pounds sterling for the purpose of providing the financing to support a planned acquisition. On July 25, 2024, the Bridge Facility was decreased to 1,232Â million pounds sterling. We incurred costs in connection with the Bridge Facility of $7Â million that are included in â€œother current assetsâ€ in the condensed consolidated balance sheet and are being amortized to interest expense over the term of the Bridge Facility. Â Facility, Maximum Borrowing Capacity | Â£ Â Â£ 1,232 Facility, Initiation Date Mar. 28, 2024 Â Line of Credit Facility, Expiration Period 364 days Â LineOfCreditFacilityOriginalBorrowingCapacity | Â£ Â Â£ 1,350 X - DefinitionLine Of Credit Facility Original Borrowing Capacity + ReferencesNo definition available. + Details Name: keys_LineOfCreditFacilityOriginalBorrowingCapacity Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDescription of the terms of a credit facility arrangement. Terms typically include interest rate, collateral required, guarantees required, repayment requirements, and restrictions on use of assets and activities of the entity. + 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://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 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(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityDescription Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPeriod remaining on line of credit facility before it terminates, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_LineOfCreditFacilityExpirationPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionDate the credit facility first became available, 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_LineOfCreditFacilityInitiationDate1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType 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 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/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 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(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType 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 outflow for loan and debt issuance costs. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfFinancingCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_ShortTermDebtTypeAxis=us-gaap_BridgeLoanMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 91 R77.htm IDEA: XBRL DOCUMENT v3.24.2.u1 RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Net Pension and post-retirement benefit cost(benefit) components) (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Defined benefit plan | United States Â Â Â Â Defined Benefit Plan Disclosure Â Â Â Â Service costâ€”benefits earned during the period $ 4 $ 4 $ 11 $ 12 Interest cost on benefit obligation 10 10 30 28 Expected return on plan assets (12) (13) (36) (37) Amortization of net actuarial loss 2 2 7 6 Net periodic benefit cost (benefit) 4 3 12 9 Defined benefit plan | Foreign Plan Â Â Â Â Defined Benefit Plan Disclosure Â Â Â Â Service costâ€”benefits earned during the period 3 2 7 7 Interest cost on benefit obligation 9 8 27 23 Expected return on plan assets (13) (13) (39) (39) Amortization of net actuarial loss 2 3 6 7 Net periodic benefit cost (benefit) 1 0 1 (2) Post-retirement Benefits Plan | United States Â Â Â Â Defined Benefit Plan Disclosure Â Â Â Â Service costâ€”benefits earned during the period 0 0 0 0 Interest cost on benefit obligation 2 2 6 6 Expected return on plan assets (3) (3) (9) (9) Amortization of net actuarial loss 0 0 0 1 Net periodic benefit cost (benefit) $ (1) $ (1) $ (3) $ (2) 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 - 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 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_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: us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 92 R78.htm IDEA: XBRL DOCUMENT v3.24.2.u1 RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Contributions) (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Malaysia Tax Authority [Member] Â Â Â Â Defined Benefit Plan Disclosure Â Â Â Â Tax Adjustments, Settlements, and Unusual Provisions $ 61 Â $ 61 Â United States | Defined benefit plan Â Â Â Â Defined Benefit Plan Disclosure Â Â Â Â Contributions by employer 0 $ 0 0 $ 0 Estimated future employer contributions in remainder of current fiscal year 0 Â 0 Â United States | Post-retirement Benefits Plan Â Â Â Â Defined Benefit Plan Disclosure Â Â Â Â Contributions by employer 0 0 0 0 Estimated future employer contributions in remainder of current fiscal year 0 Â 0 Â Foreign Plan | Defined benefit plan Â Â Â Â Defined Benefit Plan Disclosure Â Â Â Â Contributions by employer 3 $ 2 8 $ 7 Estimated future employer contributions in remainder of current fiscal year $ 2 Â $ 2 Â X - DefinitionAmount of contribution received by defined benefit plan from employer which increases plan assets. + 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 50 -Paragraph 1 -Subparagraph (d)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 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 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-6Reference 5: 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/1943274/2147480506/715-20-50-1Reference 6: 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/1943274/2147480506/715-20-50-1Reference 7: 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 + Details Name: us-gaap_DefinedBenefitPlanContributionsByEmployer 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 contribution expected to be received by defined benefit plan from employer in remainder of current fiscal year. Excludes contribution previously paid by employer in current fiscal year. + ReferencesReference 1: 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 2: 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 + Details Name: us-gaap_DefinedBenefitPlanExpectedFutureEmployerContributionsRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount 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. + 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_TaxAdjustmentsSettlementsAndUnusualProvisions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_IncomeTaxAuthorityNameAxis=keys_MalaysiaTaxAuthorityMember 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_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: us-gaap_RetirementPlanSponsorLocationAxis=us-gaap_ForeignPlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 93 R79.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SUPPLEMENTAL CASH FLOW INFORMATION (Cash, cash equivalents an restricted cash reconciliation) (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Jul. 31, 2023 Oct. 31, 2022 Cash and cash equivalents $ 1,632 $ 2,472 Â Â Restricted cash included in other assets 17 16 Â Â Total cash, cash equivalents, and restricted cash shown in the statement of cash flows $ 1,649 $ 2,488 $ 2,588 $ 2,057 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 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 94 R80.htm IDEA: XBRL DOCUMENT v3.24.2.u1 INVENTORY (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Inventory, Net [Abstract] Â Â Finished goods $ 379 $ 376 Purchased parts and fabricated assemblies 647 609 Inventory, Net $ 1,026 $ 985 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/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_InventoryNetAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe aggregate carrying amount, net of valuation reserves and adjustments, as of the balance sheet date of items which are partially completed at the time of measurement and unprocessed items that will go through the production process and become part of the final product. This element may be used when the reporting entity combines work in process and raw materials into an aggregate amount. + 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)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryWorkInProcessAndRawMaterialsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 95 R81.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Lease (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Leases [Abstract] Â Â Â Â Operating lease cost $ 16 $ 14 $ 47 $ 40 Variable lease cost $ 5 $ 5 16 15 Cash payment for operating leases Â Â 42 40 Right-of-use assets obtained in exchange for operating lease obligations Â Â $ 32 $ 32 X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of single lease cost, calculated by allocation of remaining cost of

lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash outflow from operating lease, excluding payments to bring another asset to condition and location necessary for its intended use. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-5Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeasePayments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase in right-of-use asset obtained in exchange for operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of variable lease cost, excluded from lease liability, recognized when obligation for payment is incurred for finance and operating leases. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_VariableLeaseCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 96 R82.htm IDEA: XBRL DOCUMENT v3.24.2.u1 WARRANTIES (Details) - USD ($) $ in Millions 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Guarantees [Abstract] Â Â Standard Product Warranty Description Our warranties on products sold through direct sales channels are primarily for one year. Warranties for products sold through distribution channels are primarily for three years. Â Standard Product Warranty, Policy We accrue for standard warranty costs based on historical trends in warranty charges. The accrual is reviewed regularly and periodically adjusted to reflect changes in warranty cost estimates. Estimated warranty charges are recorded within cost of products at the time related product revenue is recognized. Â Movement in Standard Product Warranty Accrual [Roll Forward] Â Â Beginning balance $ 36 $ 32 Accruals for warranties, including change in estimates 16 23 Settlements made during the period (20) (21) Ending balance 32 34 Standard Product Warranty Disclosure [Abstract] Â Â Accruals for warranties due within one year 20 20 Accruals for warranties due after one year 12 14 Ending balance $ 32 $ 34 X - ReferencesNo definition available. + Details Name: us-gaap_GuaranteesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_MovementInStandardProductWarrantyAccrualRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount as of the balance sheet date of the aggregate standard product warranty liability. Does not include the balance for the extended product warranty liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_StandardProductWarrantyAccrual Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount as of the balance sheet date of the aggregate standard product warranty liability that is expected to be paid within one year or the normal operating cycle, if longer. Does not include the balance for the extended product warranty liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_StandardProductWarrantyAccrualCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount as of the balance sheet date of the aggregate standard product warranty liability that is expected to be paid after one year or beyond the normal operating cycle, if longer. Does not include the balance for the extended product warranty liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_StandardProductWarrantyAccrualNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of decrease in the standard product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard product warranty. Excludes extended product warranties. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_StandardProductWarrantyAccrualPayments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase in the standard product warranty accrual from warranties issued. Excludes extended product warranties. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_StandardProductWarrantyAccrualWarrantiesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionDescribes the nature of the product warranty, including the approximate term of the product warranty, how the product warranty arose, and the events or circumstances that would require the warrantor to perform under the product warranty. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 460 -SubTopic 10 -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 460 -SubTopic 10 -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_StandardProductWarrantyDescription Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_StandardProductWarrantyDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for standard warranties including the methodology for measuring the liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_StandardProductWarrantyPolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 97 R83.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SUPPLEMENTAL FINANCIAL INFORMATION - Other assets (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Prepaid Expense and Other Assets, Current [Abstract] Â Â Prepaid assets $ 328 $ 284 Other current assets 208 168 Total other current assets 536 452 Advances on Inventory Purchases $ 221 $ 210 X - DefinitionCarrying value of capitalized payments made in advance for inventory that is expected to be received 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(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdvancesOnInventoryPurchases Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of current assets classified as other. + 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 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 + Details Name: us-gaap_OtherAssetsCurrent 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 - ReferencesNo definition available. + Details Name: us-gaap_PrepaidExpenseAndOtherAssetsCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits within a future period of one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 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(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 05 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482955/340-10-05-5Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483032/340-10-45-1 + Details Name: us-gaap_PrepaidExpenseCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 98 R84.htm IDEA: XBRL DOCUMENT v3.24.2.u1 COMMITMENTS AND CONTINGENCIES (Details) - USD ($) $ in Millions 9 Months Ended Jul. 31, 2024 Aug. 03, 2021 Commitments and Contingencies Disclosure [Abstract] Â Â Loss Contingency, Estimate of Possible Loss Â $ 6.6 Loss Contingency, Range of Possible Loss, Portion Not Accrued $ 2.5 Â Loss Contingency Accrual, Payments $ 4.1 Â X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash outflow reducing loss contingency liability. + 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/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingencyAccrualPayments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionReflects the estimated amount of loss from the specified contingency as of the balance sheet date. + ReferencesReference 1: 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 2: 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 3: 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 4: 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 5: 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 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-2 + Details Name: us-gaap_LossContingencyEstimateOfPossibleLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe difference between the maximum amount of estimated loss and the amount recorded as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -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 2: 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 + Details Name: us-gaap_LossContingencyRangeOfPossibleLossPortionNotAccrued Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML

99 R85.htm IDEA: XBRL DOCUMENT v3.24.2.u1 STOCKHOLDERS' EQUITY (Stock Repurchase Program) (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Mar. 06, 2023 Condensed Balance Sheet Statements, Captions [Line Items] Â Â Â Â Â Â Stock Repurchase Program, Authorized Amount Â Â Â Â Â $ 1,500 Stockholders' Equity, Average Amount Outstanding $ 635 Â Â Â Â Â Treasury Stock, Shares, Acquired Â Â Â 2,000,882 1,640,236 Â Treasury Stock, Value, Acquired, Cost Method Â $ 151 $ 151 $ 290 $ 276 Â Payments for Repurchase of Common Stock Â Â Â $ 289 $ 276 Â 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 -Name Regulation S-X (SX) -Number 210 -Section 12 -Subsection 04 -Paragraph a -Publisher SECReference 2: 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 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-11 + Details Name: srt_CondensedBalanceSheetStatementsCaptionsLineItems Namespace Prefix: srt_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount authorized for purchase of share under share repurchase plan. Includes, but is not limited to, repurchase of stock and unit of ownership. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 505 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481520/505-30-50-4 + Details Name: srt_StockRepurchaseProgramAuthorizedAmount1 Namespace Prefix: srt_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe cash outflow to reacquire common stock during the period. + 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_PaymentsForRepurchaseOfCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAverage amount outstanding of stockholders' equity. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Regulation S-K (SK) -Number 229 -Section 1402 -Paragraph a -Publisher SECReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Regulation S-K (SK) -Number 229 -Section 1402 -Paragraph b -Subparagraph (1) -Publisher SEC + Details Name: us-gaap_StockholdersEquityAverageAmountOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares that have been repurchased during the period and are being held in treasury. + 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://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 3: 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_TreasuryStockSharesAcquired Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionEquity impact of the cost of common and preferred stock that were repurchased during the period. Recorded using the cost method. + 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://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-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockValueAcquiredCostMethod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 100 R86.htm IDEA: XBRL DOCUMENT v3.24.2.u1 STOCKHOLDER'S EQUITY - Accumulated Other Comprehensive Income (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance $ (469) $ (399) $ (466) $ (454) Other comprehensive income (loss) before reclassifications 32 (6) 28 38 Amounts reclassified out of accumulated other comprehensive gain (loss) 1 4 3 11 Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent (1) (1) (2) 3 Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Total 32 (3) 29 52 Ending balance (437) (402) (437) (402) Foreign currency translation Â Â Â Â AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance (172) (115) (167) (185) Other comprehensive income (loss) before reclassifications 32 (9) 27 61 Amounts reclassified out of accumulated other comprehensive gain (loss) 0 0 0 0 Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent 0 0 0 0 Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Total 32 (9) 27 61 Ending balance (140) (124) (140) (124) Actuarial losses Â Â Â Â AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance (377) (365) (382) (373) Other comprehensive income (loss) before reclassifications 0 0 0 0 Amounts reclassified out of accumulated other comprehensive gain (loss) 4 5 11 15 Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent (1) (1) (3) (3) Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Total 3 4 8 12 Ending balance (374) (361) (374) (361) Prior service credits Â Â Â Â AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance (6) (6) (6) (6) Other comprehensive income (loss) before reclassifications 0 0 0 0 Amounts reclassified out of accumulated other comprehensive gain (loss) 0 0 0 0 Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent 0 0 0 0 Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Total 0 0 0 0 Ending balance (6) (6) (6) (6) Gains (losses) on derivatives Â Â Â Â AOCI Attributable to Parent, Net of Tax [Roll Forward] Â Â Â Â Beginning balance 86 87 89 110 Other comprehensive income (loss) before reclassifications 0 3 1 (23) Amounts reclassified out of accumulated other comprehensive gain (loss) (3) (1) (8) (4) Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent 0 0 1 6 Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Total (3) 2 (6) (21) Ending balance $ 83 $ 89 $ 83 $ 89 X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_AOCIAttributableToParentNetOfTaxRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType 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 - DefinitionAmount before tax and reclassification adjustments of other comprehensive income (loss) attributable to parent. + 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/1943274/2147482790/220-10-45-14A + Details Name: us-gaap_OciBeforeReclassificationsBeforeTaxAttributableToParent 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 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 of tax expense (benefit) allocated to 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/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossTaxPortionAttributableToParent1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount before tax of reclassification adjustments of other comprehensive income (loss) attributable to parent. + 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/1943274/2147482790/220-10-45-14A + Details Name: us-gaap_ReclassificationFromAociCurrentPeriodBeforeTaxAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedTranslationAdjustmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 101 R87.htm IDEA: XBRL DOCUMENT v3.24.2.u1 STOCKHOLDERS' EQUITY - Reclassifications out of accumulated comprehensive income (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items] Â Â Â Â Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax $ 0 $ (1) $ (1) $ (1) Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after Tax 3 0 7 3 Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, before Tax (4) (5) (11) (15) Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, Tax 1 1 3 3 Change in net actuarial loss, net of tax expense of $1, $1, $3 and $3 3 4 8 12 Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax 0 (4) (1) (9) Cost of products and services Â Â Â Â Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items] Â Â Â Â Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, before Tax 3 1 9 5 Selling, general and administrative Â Â Â Â Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items] Â Â Â Â Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, before Tax $ 0 $ 0 $ (1) $ (1) 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, 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, before tax, of reclassification adjustment from accumulated other comprehensive income (loss) for gain (loss) 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/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 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_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, after tax, of reclassification adjustment from accumulated other comprehensive income (loss) for gain (loss) 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/2003/role/disclosureRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480506/715-20-50-1Reference 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_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of tax expense (benefit) of reclassification adjustment from accumulated other comprehensive income (loss) for gain (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/1943274/2147482790/220-10-45-12 + Details Name: us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossTax 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 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6 + Details Name: us-gaap_ReclassificationAdjustmentOutOfAccumulatedOtherComprehensiveIncomeOnDerivativesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after tax of reclassification adjustments of 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/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 (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 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(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: 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 8: 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 + Details Name: us-gaap_ReclassificationFromAccumulatedOtherComprehensiveIncomeCurrentPeriodNetOfTax 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_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 102 R88.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SEGMENT INFORMATION Profitability (Details) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 USD ($) Jul. 31, 2023 USD ($) Jul. 31, 2024 USD ($) segment Jul. 31, 2023 USD ($) Segment Reporting Information [Line Items] Â Â Â Â Number of Reportable Segments | segment Â Â 2 Â Revenues, Total $ 1,217 $ 1,382 $ 3,692 $ 4,153 Operating Income (Loss) 205 365 603 1,041 Communications Solutions Group Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Revenues, Total 847 918 2,526 2,794 Electronic Industrial Solutions Group Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Revenues, Total 370 464 1,166 1,359 Total segments Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Operating Income (Loss) 297 433 946 1,265 Operating Segments [Member] Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Operating Income (Loss) 297 433 946 1,265 Operating Segments [Member] | Communications Solutions Group Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Operating Income (Loss) 223 276 672 811 Operating Segments [Member] | Electronic Industrial Solutions Group Â Â Â Â Segment Reporting Information [Line Items] Â Â Â Â Operating Income (Loss) $ 74 $ 157 $ 274 $ 454 X - DefinitionNumber of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements. + ReferencesReference 1: 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 2: 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 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18 + Details Name: us-gaap_NumberOfReportableSegments Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + 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/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 3: 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 4: 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 5: 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 6: 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 7: 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 + Details Name: us-gaap_OperatingIncomeLoss 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/1943274/2147483621/220-10-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. + 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_StatementBusinessSegmentsAxis=keys_CommunicationsSolutionsGroupMemberMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_ElectronicIndustrialSolutionsGroupMemberMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_TotalSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 103 R89.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SEGMENT INFORMATION Reconciliation of Reportable Results (Details) - USD ($) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Abstract] Â Â Â Â Total reportable operating segments' income from operations $ 205 $ 365 $ 603 $ 1,041 Share-based Payment Arrangement, Expensed and Capitalized, Amount (32) (27) (118) (111) Amortization of acquisition-related balances (31) (23) (106) (71) Acquisition and integration costs (23) (6) (59) (11) Restructuring and others (6) (12) (60) (31) Income from operations 205 365 603 1,041 Interest income 19 29 60 70 Interest Expense 21 19 61 58 Other Nonoperating Gains (Losses) 10 14 15 28 Income before taxes 213 389 617 1,081 Total segments Â Â Â Â Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Abstract] Â Â Â Â Total reportable operating segments' income from operations 297 433 946 1,265 Income from operations $ 297 $ 433 $ 946 $ 1,265 X - DefinitionThe amounts may include non-cash items such as the amortization of acquired intangible assets and amortization of items associated with fair value purchase accounting adjustments, including recognition of acquired deferred revenue. + ReferencesNo definition available. + Details Name: keys_Amortizationofacquisitionrelatedbalances Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of an item in the reconciliation of total profit or loss from reportable segments to the entity's consolidated income before income taxes, extraordinary items, discontinued operations. + ReferencesNo definition available. + Details Name: keys_SegmentReportingOtherReconcilingItemsForOperatingProfitLossSegmentToConsolidated Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThis element represents acquisition-related costs incurred to effect a business combination which costs have been expensed during the period. Such costs include finder's fees; advisory, legal, accounting, valuation, and other professional or consulting fees; general administrative costs, including the costs of maintaining an internal acquisitions department; and may include costs of registering and issuing debt and equity securities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 25 -Paragraph 23 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-23 + Details Name: us-gaap_BusinessCombinationAcquisitionRelatedCosts 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 interest expense classified as nonoperating. + 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/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_InterestExpenseNonoperating Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount before accretion (amortization) of purchase discount (premium) of interest income on nonoperating securities. + ReferencesReference 1: 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/1943274/2147482810/280-10-50-22Reference 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 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 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/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_InvestmentIncomeInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + 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/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 3: 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 4: 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 5: 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 6: 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 7: 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 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) 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(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 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(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_OtherNonoperatingGainsLosses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cost expensed and capitalized 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 50 -Paragraph 2 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardCompensationCost1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_TotalSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 104 R90.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SEGMENT INFORMATION ASSETS (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Segment Reporting Information [Line Items] Â Â Total reportable segments' assets $ 7,652 $ 6,330 Total segments Â Â Segment Reporting Information [Line Items] Â Â Total reportable segments' assets 7,652 6,330 Operating Segments [Member] | Communications Solutions Group Â Â Segment Reporting Information [Line Items] Â Â Total reportable segments' assets 4,686 4,410 Operating Segments [Member] | Electronic Industrial Solutions Group Â Â Segment Reporting Information [Line Items] Â Â Total reportable segments' assets $ 2,966 $ 1,920 X - DefinitionAmounts of assets held by an entity, and used in a reconciliation of assets by segment to the entity consolidated balance sheet. + ReferencesNo definition available. + Details Name: keys_SegmentReportingReconciliationItemAssets Namespace Prefix: keys_ 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. + 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_StatementBusinessSegmentsAxis=keys_TotalSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_CommunicationsSolutionsGroupMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=keys_ElectronicIndustrialSolutionsGroupMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 105 R91.htm IDEA: XBRL DOCUMENT v3.24.2.u1 SEGMENT INFORMATION ASSETS RECON (Details) - USD ($) $ in Millions Jul. 31, 2024 Oct. 31, 2023 Segment Reporting [Abstract] Â Â Total reportable segments' assets $ 7,652 $ 6,330 Cash and cash equivalents 1,632 2,472 Long-term Investments 107 81 Long-term deferred tax assets 678 671 Finite-Lived Intangible Assets, Accumulated Amortization (1,445) (1,339) Long-term tax receivables 169 0 Pension and other assets 530 468 Assets $ 9,323 $ 8,683 X - DefinitionAmounts of assets held by an entity, and used in a reconciliation of assets by segment to the entity consolidated balance sheet. + ReferencesNo definition available. + Details Name:

keys_SegmentReportingReconciliationItemAssets Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSegment Reporting Reconciliation Item Long Term Tax Receivables + ReferencesNo definition available. + Details Name: keys_SegmentReportingReconciliationItemLongTermTaxReceivables Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSegment Reporting Reconciliation Item Other Assets + ReferencesNo definition available. + Details Name: keys_SegmentReportingReconciliationItemOtherAssets Namespace Prefix: keys_ Data Type: xbrli:monetaryItemType Balance Type: debit 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 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, 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 - DefinitionAccumulated amount of amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe total amount of investments that are intended to be held for an extended period of time (longer than one operating cycle). + 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(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration EXCEL 106 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 (,:"'5D'04UB@0 +$ 0 9&]C4')O<',O87!P+GAM M;$V./0L",1!$_\QO;=!P4)B0-!2L+(/>QLOD&1#LD)^OCG!CVX>;QA&WPIG M*N*I#BV&5(_C(I(/ !47BK9.7:=N')=HI6-Y #OGDK7A.YNJQ<&4GPZ4A!0W_J=0U[R;UEA_6\#MI7E!+ P04 M " #&@AU92,DJ(^\ K @ $0 &1O8U!R;W!S+V-O&ULS9+/ M3L,P# (=?!>7>NLTV!%&7"V@GD)"8!.(6)=X6K?FCQ*C=V].6K1."!^ 8^Y?/ MGR4W.@H=KZD#&1Q7S3N]9GH>.:'8BB ,CZ@$[EFC MVB/PJKH%AZ2, (@4CL(@SD_"VAFXE3]$SMU@)V3?;9SJNNZLEM,N6&'&MZ?GUZG=0OK M,RFO"5Z+U>IC=/WA=Q5VP=B= M_&UL[5I;<]HX%'[OK]!X9_9M"\8V@;:T$W-I=MNTF83M M3A^%$5B-;'EDD81_OTV23;J;/ 0LZ?O.14?GZ#AY\^XN8NB&B)3R M> +]O6N[!3+ MUES@6QHO(};JM-O=5H1I;*$81V1@?5XL:$#05%%:;U\@M.4?,_@5RU2-9:,! M$U=!)KF(M/+Y;,7\VMX^9< I.ATR@6XP&U@@?\YOI^1.6HCA5,+$P&IG/U9K MQ]'22(""R7V4!;I)]J/3%0@R#3LZG5C.=GSVQ.V?C,K:=#1M&N#C\7@XMLO2 MBW A(5M>5 TR M6'!VULS2 Y9>*?IUE!K9';O=05SP6.XYB1'^QL4$UFG2&98T1G*=D 4. #?$ MT4Q0?*]!MHK@PI+27)#6SRFU4!H(FLB!4>"(<7K;YH] M5Z%82=J$^!!&&N* <<^9ST6S[!Z5&T?95O-RCEU@5 9<8WS2J-2S%UGB5P/&M MG#P=$Q+-E L&08:7)"82J3E^34@3_BNEVOZKR2.FJW"$2M"/F(9 M-AIRM1:!MG&IA&!:$L;1>$[2M!'\6:PUDSY@R.S-D77.UI$.$9)>-T(^8LZ+ MD!& 'H8X2IKMHG%8!/V>7L-)P>B"RV;]N'Z&U3-L+([W1]072N0/]J<_Z3(T M!Z.:60F]A%9JGZJ'-#ZH'C(*!?&Y'C[E>G@*-Y;&O%"N@GL!_]':-*K^(+ M.7\N?<^E[[GT/:'2MSAD6R4)RU3393>* M$IY"&V[I4_5*E=?EK[DHN#Q;Y.FOH70^+,_Y/%_GM,T+,T.WF)&Y M"M-2D&_#^>G%>!KB.=D$N7V85VWGV-'1^^?!4;"C[SR6'<>(\J(A[J&&F,_# M0X=Y>U^89Y7&4#04;6RL)"Q&MV"XU_$L%.!D8"V@!X.O40+R4E5@,5O& RN0 MHGQ,C$7H<.>77%_CT9+CVZ9EM6ZO*7<9;2)2.<)IF!-GJ\K>9;'!51W/55OR ML+YJ/;053L_^6:W(GPP13A8+$DACE!>F2J+S&5.^YRM)Q%4XOT4SMA*7&+SC MYL=Q3E.X$G:V#P(RN;LYJ7IE,6>F\M\M# DL6XA9$N)-7>W5YYNTB42%(JP# 4A M%W+C[^^3:G>,U_HL@6V$5#)DU1?*0XG!/3-R0]A4)?.NVB8+A=OB5,V[&KXF M8$O#>FZ=+2?_VU[4/;07/4;SHYG@'K.' MYA,L0Z1^P7V*BH 1JV*^NJJ/^26<.[1[\8$@F_S6VZ3VW> ,?-2K6J5D*Q$_ M2P=\'Y(&8XQ;]#1?CQ1BK::QK<;:,0QY@%CS#*%F.-^'19H:,]6+K#F-"F]! MU4#E/]O4#6CV#30,9FV-J/D3@H\W/[O#;#"Q([A[8N_ 5!+ P04 M" #&@AU9+L0+X-X% #B'@ & 'AL+W=O$F6;C9A0]I.VND'80OPQ+:H+(?D MW_?(!IMDY /U+/D0?#NO]>CH\LHZ7PGYE"XX5^0ECI+THK50:OFITTG]!8]9 M>BR6/($[,R%CIN!4SCOI4G(6Y$%QU*&6U>O$+$Q:_?/\VECVST6FHC#A8TG2 M+(Z9?+WDD5A=M.S6YL)].%\H?:'3/U^R.9]P]?MR+.&L4ZH$85EF#P\\P]'D5:"R+Z,PS4XJ)UVB(!G[$L4O=B]86O@;I:SQ=1 MFO\GJ^)9UVT1/TN5B-?!4((X3(I?]K*NB.T JR: K@/HNP"[[@W..L#)08N2 MY5B?F6+]/ VO@,%*DM%-Z6ZI*C@;UET3!S[MB%"+NH;R>'CX()L?$]HSA;\ICE-6DI/K.6@E_3V8IDI"N_O'5$.%@FM6T)WQ M4[ID/K]H06]+N7SFK?XO/]D]ZU<3W@\2>P/KEK NIM[_+/P,^]DB#Z]+;B+% MPVVK_=VA8U1.J62-W]D+YG3"HNHU=RSY="*A,>+J5D9JH4#XUJB-R&!P<"8/%RI['>U'0^-;\AY4G*>H*4;)BI4K\0#5,DB,H+!YH5\ MY:\F3ES)LBPHDVVY/1,C&MN0\;1D/$5+YF52ZE1>A:D/C(^<232?N%J[#=W1 ML4V0:&!#R+,2\FR_!KM->047C7,/KE774-&HAGRV5U)1QRSG8:*$& !@4D!&;&ZEP@1F+4N-@BLR >VQ2PLC$V M;D36@/=\'FK;!NF\9;%Q#-TA]'7X.!E=?WD@#T/OR^W=S=WU:#@Y*DHZNO6. MC>R'L#MVY7=LW*6LV4>)+R2T6Z:;\!&9*)A$B)#$$QE,H3"3BL!<(3OLU-"(M? @+9%<>R,:MRQKY@;V040"=-YR%?LZ-M6Y; W(#SY&[Q)Q77-)V+0NF*&@;L/R? 2UCTP,)0/JV8R6%YN%A3 M_LHGV;BU><_OZ3-HVP]BE1C9<;D)#!",W(N4&5D/X9;LRB[9N,=YSUIVY#$D M*4Q\<[)Q36]@!#V$;:*5;:*XSWD/.A:I O? T5[BL':MV*)YU7:*X]\F;ZT!R5@^&"WPXM:R/1K!#F"=:F2>*^YT;D?O=A4@P7[%#Y)2>M5WX M,_(=PC?1RC=1W/(\A H9ZR#0U@K6EDKBCLB\,4!S!!D\AI/161$WVVIC%R' ML$VTLDT4-S:;9)+AB[]@R9S76L8=0K>/$Z-'PL.:\E4>B>[ED3;?&(HU39Y(MF%#,"],=BH_&S\4>'M64L_)&="]O-$H4E\4^@?Y^PC;@1DY3F@2LR@B MEUD*MU-SN\5U:E? E>%Q#/J!F@82"0R(QO(:?D/"XIGB5"W)P [,9:=],\9-\>XW<90I<;:)G M4"/Q#_(WZWHHU+JYFM[3?>[;)T[7=1R]JGW>ANQL[2+]]I=OKJ;$UPO"8D.Q MO%INX [R;:;DHC/(-0Z/H'WRV)#M3A18IGO24Z%4B+.#Q>< M!5SJ!^#^3 BU.=$O*+>U^_\!4$L#!!0 (,:"'5FK4LLJJ0< .(M 8 M >&PO=V]R:W-H965T&ULM5I4^,V&/TKFG2G S,LL:3$ M<2AD!F)O2V>Y#&&[#YT^F%A)/'6LU%9@^^\K7Q+'TF,W2/.8IRMCBHG>)SP(Z*@J4B#]B]I(? M7*-"RA/G?QB"5L+@J*4/Y[9E.6) 63?(|_:M+>OLZBX.'UCOU3 M*5Z*>0IS-N7)US@2JXN>UT,16X3;1#SPE]]8+6A8\,UYDI=_T4N-=7IHOLT% M7]>%Y1NLX[3Z'WZK&^*@@.2!"Y"Z %$+##H*T+H ?6L-@[K X*TU#.L"I?1^ MI;UL.#\4X>0\XR\H*]"2K;@H6[\L+=LK3HN.,A.9_#66Y<1D>G?K![>SP$?R M:G;W^=J_?)0WLT?Y[R:X?41WG]#=??!P^7@M?T='7])P&\6"1W$*R?FQVH/O

MKKW5&'3?:VC)1SOX;N4,EK%GEF[9&13;JO0 +EW,?6?Y)IRSBYZ MY.>?L.O\ C6L33+?)EE@B:P5@L$^! ,3^^2A:GYP:%4EW;)DL5(\3S#!H_/^ M\V&S B#JD3;(UT'4'2N@0 <-\)#N02UYP[V\H;&'37DNF5PY2S,YJM2;B1'6L(W MTAT)2.Q(JY\01<@4P."A(E;'N&J#! #&']M@H^TZL M6(:DWRXDILO=+(..XG3.U^SX!*4,#/=8>Y>/2B2G (0JL@$(=A35$;#JK'3 MV#W'J/N1"QGCN3:[@@[- 8*#U8$,HY35Q@=0U/&4WA! *'Q08UOT@,23";QV3TQ!84ZDJ5 =1===+Q 9"KSE\! ,*.US52&V^% MS>;J/N//<;GI?
>9[+7BUODVU4K,CW/"NWDBZ%R.*GK0B?$MD@'-UR M62(5&2]]"]K- R>H7-K QM)MD]8+I@"(>)[:5H !&VO3@ [R:%=/:6P:-ONT MHJT,T[FG)VJZ1!T$2-1!KJ>-!AW4+;&QO9'C\ZJY"W?'E(EWM*H%9'S9ZN_>F M?5;9?*ML@2VV]I97XQ:)V2U>A7D\+$QBJN1P"[.\".5ZMLOE6VP!9;.W:-*29F4]R,URIH<$_5;2H>#=2."H'4M>(M M3,$K3&VEC2LF9E=\.$!-6@$7.U+S.1"DNL2W, 6O,+6U-HZ8F!WQ Q.A?!2A M(,Q2.?!R].<-6S^Q["]0LM4]4:MLOE6VP!9;.RR-=R>NC2UJ8LP WAT/FVR^ M5;;
%EL['DTV05[/)KH=C[5R M*:&YZ+O[F4TVWRI;8(NM'80F32&OIRFFCY_$:G9BE;TJ!8NT<_{)[]L'OXX_\X_4&;!(@.?F@5HL;\Z=V!L,GF M6V4+;+&U]%D9_2U[,RP"@'?'[2#. "(>.H'8P TIMH:I(,\VO'UE#9Y#K62 MYU"K>8Y5-M\]6V"+K1V/)L^AYCSG>Y8@/1O!CKHW"8#&ZE=M $.TC4D(Y*DG M2+\MCN,KS*WPVQKE@8L:P R-\7G(O=
M35'!_ECWY#]02P,$% @ QH(=6?C++#H1T! +Q !@ !X;"]W;W)K MN'3C\(+,!SML1) G+]]5W)C@]LQ#;9X3>9$?M[..,SL M4DN<9(2*A%'$R6IHC=W;R-4"&O$E(0=Q-$;*E 5C7]7D/AY:CCH12(>!5!3IO M"/B%@/_>'3J%0.>].W0+ 6VZG=NNB0NQQ*,!9P?$%1JTJ8%F7TL#7PE5@3*7 M'-XF("='D\=I&$WG48A@-'_\=!^.GV$R?X;'0S1]1H\?X,W#["GZ"+#[+Q&Z MG\(\0JW/%._B1)+X$EVAS_,0M2XNT05**'I(TA2"0 QL"2=4^]C+XC1W^6F\ M-T[CHP=&Y4:@B,8D-LB'S?(W#?
(V,%/2X[W2<^_H6\NL220)"1B*S1A&62FC4H9>X+NZ9)E M!/TU7@C)X>/_V^3[7'O'K%UEQ%NQQ4LRM$"Q('Q/K-&OO[@]YS<3\>=4%IY3 M670F92I^AX*D< &"RS\F/-ECF;L\L%.Y0S11I3HS'"Q"UH0 M2E:)1"WR B6/()?JQ3^$LS:Z:+F7;3U&F,;HHFMR:GZ>[E%T.94XKB.\2A37 M$6XEANM(*S:"QGU.: Q*&H-&&J%(A!*00H7$ M.:'+[PAN'2J -Z@[WD>/B8^@=DZ_$C23.N2JDD'#.L2K$E*']-[(C3- MA$PVF*Y5E&CCX0>89[@%*F\H20@@,#?GX>(Z8*Y>ZFSDF%DCJB4V&D MCJC<*%$=X7IF0ESG1V7K-%*27Q?
&.J7U2>6J-IKFO#SCES:,:,Y;E[&4/%GL M)%ZD1'V#,PP1)MOHF4F<&DM:Y[_#QH"I?FJA >-58BLR8+IO$774 KB-1&G+ MC/>]5TRW=K-
W/+=J;QWD!=VJP750W^U5+:Z#@J":/>RC!B@C?*T[3P$F0:[- MZ]MRM>QNQ[JGJZS?N;<3U[>JFY8-UP_U.>M] /F:\C-*"4KV,JY[H-O>-Z= MYA/)MKK]6C)S9P>;J"C)UP!X/V*,?DZ41N4_R,8_0M02P,$% @ QH(= M6:4 !T?" P C T !@ !X;"]W;W)K%BWD-38 :PT] Y"!/()4.G'X2]@'JVY9-DR/W[KFS'Y2V0 M:>@7K)?=9U?/+JM5>R/D-[5"U/
2!I'J6"NMXSO;5MX*0Z9N1(P1[2R$#)FF MJ5S:*I;(_%0I#.QJN=RT0\8CJ]M.UR:RVQ:)#GB$$PDJ"4,F?_0Q$)N.5;%> M%Y[X- PP" T1N?,\QK<*D4=P>OZ+?IV>GL\R9
MPH$(_N"^7G6LE@4^+E@2Z">Q><#\/ V#YXE I;^PR67+%GB)TB+,E>K MU:=K^ 0\@A$/ DH*U;8U>6SLVE[N73_SKQJ&=S48"<)5X$8^^D?TG=/ZOYS0
MMXFI@J[J*UW]ZDG WY/@!FJ5$E3+U?H1?P;O5Z\=.\['K+O_V?H.&;4B=VHI M7NT-O$>*N 1/A%2A5J9TK)'"37.$JT H=5T"S5Y*$&]G!_A<>;2;2%3P9V^N
MM*1B\=>QW,BLUX];-P7T3L7,PXY%]A7*-5K=GW^J-,N_'@O,)<&<2X*Y%P+; M"6&]"&']%'H>PL%."(=Y"+]D(1PPM8)[ND_@ ?TEEN WNGV*W3G2787PA%[ME.(+"K&Y $HP8R_'8IJYTTS=@[H7 M=J+8*J+8^FA^.WF0^WF0)Q3#G2H /VC'OK?G3[^P<' "'P & 'AL M+W=O#*1. MMF9(DZ!IM\^T1,=")=&E**?9KQ\I*:8LOC@%\B61Y./IN2-
YSW/4V1/CW\LU MI0+\S+.B/!^LA=BR[O1SDN2YK0H4U8 3E?G@PMXL@@#-:"V^">E3V7G&JA0EHQ]5S?7 MR?D@4(AH1F.A7!#Y;TL7-,N4)XGC1^MTL'NG&MB]?
O'^9QV\#&9)2KI@V;]I M(M;G@^D)'1%]DQ\84^?:!O06/F+65;6?\%3:QL,0%R5@N7M8(D@3XOF/_G9 M)J(S (:. :@=@%X[+<#+L'[=Q_ .Y 6X'..:97(ZRK.1D&B4SU'//?578,
M,#P"*$"A9?C"/_PN%KOA>`_X2.9@EPBT2P2J_6%7(BK.:2$ *4LJRA-;/(V# MT.Y [;>3CZ0&ZJD?$L\]]_@U%P:HONC9SMQ8IW6*?]_F"E&M B@3$ MZH+^J-
(MR63PUEEL7$6U*U44MG,8870VVG:C,8U0.-%&>RC#'!IWWC\-^AA-FUD0V"&.=Q#'7HC7Q5:FC?%G&Z:Q M\3X8H*@'RC2:3<=V4-$.5.0%=2?6E,O:T5W/-GR1\>HQ[L,S;
<*Q8UHG.W@3 M+[RO3)#L%? FQJOQ;-;'9QJ%TV!F!SC= 9QZ =YS29)04-04)Y+N%M: MBMQ5NEL_^R7(P&@:31V+$FJ"@'7Z&T1"EI*)RJR= D)^>!=GZVTOG9-J':C-R M8=4T
_T\T\R\!H)'..@OUDL1MBX*7H)7ULIM4TFF(' M.$TS,'J58LI2LDRS5*34+IN@EZY^53>]E;?]H#5Y03[OO2]8;QN0]@*9)VU MOK37"I.FHH[T:
,SC<8S!Y5!S6703V8[$;4ASTI!6>&9O(2F!CR;D8L.-'M! M/WU=Y9N,/5,*8I;+SK0D36\G&7=)"[I*'0DU17^Y9C'!GV^XW"9J_D)^_ M+E_*&:=2^E76?"*3H<8&-
=B,0DQOG+IE!$K3I.FPGZAL]FX<&HJ0WXJ:^DACGDEI_T0 M2I.A8-A?F3:CJ6.G(TUCR$]C^[KZ$$Z3KN LG/6!FE8H"%U(-:LA/ZO='"R8 MR-
([04/\VZT<\@II7D/^_ND+%2FG.6VE_X:58LCU,U]A0F:_-.GK5XM-Y"I+ MFI:0GY8L>LM7H$RJ088NM!E!1\%'FH^0GX\T4/:+^]_D'S@S,-N,'/TJTB2% M#O18=070-'\
(J4D\X<0H519V@@Y)AC4[83\[-37@ #YL,D\8S/H K5;(L?>Q M)BCL)Z@%R_.TZ5B:$RA6J#5 BUBB!>]OF: X@]6W%[/=N4';!+R#1SM1Z\Y
M#_L/&1\$B[^O69907OY1'RJ(9ZMFQF]ZUOA6WO:C[IPV^AGTGK_4I%+%?PK> M! "1=O>1'V2"= MKR-9Z,L-K;^&9-9S2&QA\7XZ?";[Z= LCP_TKER6]8H_-PDY D3(S5Z*4X F
MQV-CME50X^.P]_P5P9D: *.),=VF%9I-73.NE0+V*X6+)$E5PR)K[H:DR3 M MAC'9I+(&6Z&:Q(_,(R.;53B=.*!J@8#] D&*&B(?)8 27LBE96<&2Y\]\]1'
M:&E4(^AH7;!6!OA@IUKE548$?>E=5$_(Z5I],]Q*?AF5:;5>20 M,UA+ ^R7!@WAEI:R;H5JDOX886.Q6O1#-'9(Q%!K@_ 7M<'N8-L.MG77_:9C
M.5NR6%G.ED:=#Y3JZ_!GPA_3HI3*;R6'!<<3&2QO/K@V-X)MZF^62R8$R^O+ M-24RO\I _KYB4BBT-^HSZ.ZS]_Q_4$L#!!0 (,:'"5F#W1)S%0, "0* M 8 >&PO=V]R:W-
H965T&ULK99K]HP%(;_BI5-6RMU MY,*U#")18&JGKJ!"M\]N M?A!)PB+$8=$W!G9W:%M:D$9\)[66V6D4WED[$E7;OR^86DBH.!) M;8'58P5#H%0[*8Z?N:E1C*F%V^6-^Y97,
(Q8P9/0'\670-SH&\F&!$RKO MV?H:\H2:VL]C5*3_:)W'6@;R$B%9F(L504BB[(F?\XG8$MB-/0(G%SBG"NJY MH)XFFI&E:8VPQ&Z/LS7B.EJYZ4(Z-ZE:94,B_1IGDJM>HG32'4[N1N.
[V7B$ M5&DVNT9#>:J8]!8SZP,5'!#\3(E^Z55EE-HUJ&[T= MNR+&'O0-M=\$\!48[H=W=LOZ7)7C?S(K95PO,JX?G:BJ= [[P! ;Z>\N-Q)?K+@O[R%/K2^K@XL(HO M=S .
ZP#5OV!, M;BKZHE!-#-W?4$L#!!0 (,:'"5F'AR>RX0< #8C 8 >&PO=V]R M:W-H965T&ULK9IO]LX$H>_"N%;'!H@KBU2_I=++#*1)BLVB M38*ZO7UQN!>T3-
N\2]*7I)UX/_V1DB+9XI!U@+Q))'E(_SCDS#.D=?DLY$^U M9DRCERS-U55GK?7FHM=3R9IE5'T4&Y:;3Y9"9E2;6[GJJ8UD=%$TRM(>[O>' MO8SRO#.]+)X]R>FEV.J4Y^Q)(K7-
,BKWGU@JGJ\Z4>?UP3>^6FO[H#>]W- 5 MFS'I8 ,DS5VO[F7!,Y8K+G(DV?*JQ0YD+\M#?W MBZM.WRIB*4NT[8*:?SMVP]+4]F1T_%5UVJF_TS8\O'[M_7,Q>#.8.57L1J1_
M\H5>7W7&';1@2[I-]3?Q_#NK!C2P_24B5<5?]%S9]CLHV2HMLJJQ49#QO/Q/ M7RI''#0P_< -<-4 MQO$G@:D:D"*@9;*BF'=4DVGEU(\(VFM36_VHO!-T=J,
MAN=V&F=:FD^Y:>G-X\/MW M4FGX5&K '@T3]%7D>JW07;Y@B^/V/3.>>E#X=5"?<+##/[;I1T2BG 3DD-K'I.B/^'Q,U1HM3< HM)0B0R8&)=4\7Y6+F&O.U 7DMK+;&.[6
M!OB%VM"$775,!"LF=ZPS_><_HF'_7]"8WZFS(P_$M0?B4. 3!Y./>)Z(C$'# M+-L.B[8V[>RFP_'HLK<[5._:C$E4VQR)&M2B!L%IN5[\S\2724E:(2U,3DI$
MGO"4H;Q6:Y_;N\3.X$:*'3<+%,QWIT_AX#VG\)TZ._+6L/;6,#B%M\QTFG!J MDR\TT++UX&"")G%K#@&3/CR%HUK4*"CJ.A-2\[^]HD;.-T;]<4N5:S/"L*IQ
MK6H<5#5;4\FZ%BX+9%:1(:[R*AR["J.HI1"R\3AN4DN<_&(VETQ*HT_3%\1> MK$2&/LG9SI9#< MF:@5U1 U) MHS!*[U_7/B@K!I9..THAH^@@)(Z%-32-
@OAI/+>A>Z_;!NY7MRD!V0QBC[J& M7E$87W?9)A5[QHX2"H%W$ 'AZ'S<.H6 Y3M4F8X(6W9 M *_ZQ.?B!D8X?M/.UA9FZI1M$0Y"[JTUPWOU=NR%AGPX3+[[8M3E1I(7^<1,
MG=Z?HTU*3:ZQ2X_]M>4;:P$Z R!>%+5K5-!JX$F3N $C#H/Q.C'2%"\RH5BB M^589 Q,S9J6TLVV:7AJ-Y(/E,)UTX$(#]I+U+(*/8 E33H)V'TMY):
ML0<7N98B3>U"Y55I",L&RH!XT$X(@)4GLLC!,7&X#/@N&55;N:^6B:D MS)9 M4P4G >(BW53-[!*PG"] M6RY94J: EZ0X,2JW6)G8%U'K$-8\FO&Q\2)/]=JX/OA@C0,)N&] M[P
H/QIZB.FYX&D?!&FFVW6Q*4M(4%0739U,PH;ORF4+_ MN9Z;$9D8_R\H/0CKMQ9*[]7;L2L:%,=A%-?',!4PP.P0NS0E[74'V?A678/< M.(S,6[YE\?,IY+V"$A[ZU=/#3Z:\?
$_=7=I4EVX7)4SH"0>RL?N[M:N3\].K:X/814N_@#82,R57Q8H9"A8#R=_OZ:?WRQW7QRD/K^:?HXJ9\A:/I MIGRCY"N5)HLIE+*EZ;+_<63\+,N7-
,H;+3;%>PYSH;7(BLLUHZ;^M@;F\Z40 M^O7&?D'!JLST_U!+ P04 " #&@AU94#/!,@\/ #9L0 & 'AL+W=O MTEF4K L MW6R;7M.]FVN;\$)3L(4,&NIOO?
GPT415\0B#S;7YJ02I]7EA_;LIY7XN*Y M*+]43WE>>]_FLT5UV7FJZ^4OY^?5_5,^SZJ?BV6^:/[GH2CG6=U\+!_/JV69 M9Y-UI?GLG/1Z\?D\FRXZ5Q?
KOWTLKRZ*53V;+O*/I5>MYO.L_.-=/BN>+SM^ MY_L?/DT?G^KV#^=7%\OL,;_-Z]^6'\OFT_F.,IG.\T4U+19>F3]<=J[]7W@\
M:"NL2_QKFC]7+W[WVD.Y*XHO[0<^N>STVA;EL_R^;A%9\^-K/LIGLY;4M./W M+;2SB]E6?/G[=SI='WQS,'=9E8^*V;^GD_KILC/H>)/\(5O-ZD_%,\NW!Q2U
MO/MB5JW_]9ZW97L=[WY5U<5\6[EIP7RZV/S,OFT[XD4%/]A3@6PKD&,K!-L* M@5*!D#T5PFV%*4?ZZ&_K=!7*O3W'<-@6V&@ M'L.^",-
MA>%:#IOSMS[YXZS.KB[*XMDKV](-K?UEK:!U[>:<3Q>MV&_KLOG? M:5.OOAK=?!@G'VZ3L=?\=GOS*Q]??VX^W'YN?KQ//GSV;JB7_/,W_OD_WFV=
MU7FC\]KK>K_=CKTW/[WU?O*F"^_]=#9KA%M=G-=-BUKN^?TV^KM-=+(G^N>B MSF:&:B-[M>26>VE9K);>[;6A]MA>>U3,Y\UE=EL7]U^_[[/YW=Y^3\#)K%C
MKB>3:7N]9C/O8S:==)N.&&7+:7- -B@]T"'-#:M:E7]L6G?F;=IJX*1VSJ>\ M;FYT^<1+LG(Q73Q6MC:Q P=Z,^(>7]S/5I.&Y'TLRO5MZKJNR^G=JL[N9KE7 M%]Z'8G%?
+.JR:,30%..+.B_SJK8%YO; ^XC[3_]YH_[=)4!VEP!9APGWA6D> M*_-K455OSTX_VC-OGZ3?;1H1KQO1/H*^7@T"_^+\ZTO96QO:/O=^ MJ9;9?7[9!L55Y^S3M7?_V+'_?
^;KH*D+ $":-(6[J$,22,@V"2J(.=J .K MJ%_>Y,Z\VZ>L"7'FW:SJJLX6:V7?Y8_317MO\++:N[FO?_8"_\PC/4),ZK5& M<^R8$1(VWL"B%]>5/QQ$\;#7Z\E75X(,2Y&P% EC2!@'P20-
ASL-AU8-JP_# MC8H=A6L-X2I<)&R,A"5(& VU2ZI+>E$0:Y=4B@S+D# .@DG"C7;"C:S"7>OU MJ9A-\K+ZFY?\OIK6?YQY[[)9MKC/'?4;:>G?!X30_VG/!FO-C>JYH! MY#C?_/:V?
3$RZ<#[[Z=FS.@U;^K/63DQC8K?Q- M?M\P:D0&I4A8BH0Q)(R#8))\]5M#DZ2J4F= TT#<5]YM#2J/YC M#>N6H."4L-.YXB MXZ5(&$/". @FR6VXD]O0_I*2?6O>2E5>U[/-C&FC
MQ7SS^,_:Q[YQJG2HC[K#H:)&:UMTGB(#ID@80\(X"";)T>^)"?V> M_>6CU5ZW-8 F[?UOF2^JK)W"-,[.][21M>^K+Q?V>*ZB@]*2+2VR'0"%ADRA M- :E<11-
EMX++\D_8<+FS+N^;^Y]93XQ2M#7;QQ^'/9($*LZM 9WUB&2ED!I M=%^?Z/,OT+@,2N,HFBQ&X>KX=EOG4[Y+;G9*;^BDOUZ.],G]J,Y&^YEOQ>6]F&TN[?2UI[H-U
M]LVH1WW*/R*]'*'N!Y260&D42DNA-';$F>*HB+(:A?OAV^V/P]YSOOF1U=X_ M5K.=_Q$8E8GT-D90VMC7S1E_..R' WT6$1J80FDIE,:@-(ZBR5(6OHYOG5'? M9T&[Z!?
JYD!I8R@M@=+=HEB:;T,3O&TQH:& &I7$43=:OL&Q\NV=C=Z)=9*S; M)>%@$]Z6VUOC+,_^02?:T"P2QD2= -)!71)%FHYT6!0,(G7@J)?JACWM$?QG M6""^\$!\NPGR@W(:?
=V#((.!*@JHA0*E)5 :A=)2*(U!:1Q%D^4M/!??;KHX M9C=>+\OF[M:SW-V0_\C*&WLZ\Y*,\@,AJ9!)C(PA=)2*(U!:1Q%D]//A6-# M[([-
,7F.!R5LC^$J82AM#*4E4!HENH/4)3X)^_HX$QJ806D<19,E+)P?8G=^ M'#(>#RM9=S^:LZ$,PT;V!CDKU#\XU#0TBX0])0N1&D!=$@R'JI1T6-13A]/,
M4*JKL3B])^13+WP6LIE(_S&YCP3I 8R@M#&4ED!I%$I+H30&I7$439:[\'6(MW= M0A"JSUVH"P2$4>TGT(CIE :@]XBB8+3[A Q.X"X1(CB6ZS=%5STMX89UDB
M:K.0&D)E$:)P:,9$GUQ3PH-RZ TCJ+) M>A46$K%;2&[YDT1W@KI^I.UO ;6"H+0$2J-;6FSMCQ0:DT%I'$63Y2.SYDT0W173CT1[!66W0Y3)0&H72TF,ZET%#YO M[,N?A
:F4%H*I3$HC:-HLI2%.138%^&\/G_2'L!9OU!#"$I+H#2ZI1V3/PD- MS* TCJ+)^GVQBYK=[8'E3P:ZRV+(G[2WQEF>P4%3V] L0_ZD 63*GS3 #/F3
MAE*&_$E43\CG7;@F@=TU^4'YD]M6O.S8>*B^--N;ZBP*J.,"I5$H+872&)3& M4319WL*;"5Z[0F?O)F7FNQMTD0Z4-@[,BW3ZOF&0"5VD Z6E4!]#TCB*)JM9
M6#K!28MT'"5L\$JB]9+[GGH_ACH^4%H"I5%#GS3/_3 T3*1# S,HC:-HLCR% M\1.\9@V.HTKUE2QAK&Z%.#*44L[7V%!$&QN:UM8,U"VF#* N&0XT?1C6UL3J
M3BW,4*H;QK$Z-OPSC)% &"/!9N;[QR0\!LA)^Q&4-H;2$BB-0FDIE,:@-(ZB MR7(71DQ@-V).2GBT,YU5#35R L."FF9$:!@.0CT:*"V%TAB4QE$T>=-P8>:$ M=C/')>,QU-V 6%UI8
_GJCXH+3FB_10:,872&)3&4319>,*W"0]L?P;+> Q- M"S_4>2%[:YQU"=T/[9@#H-"0*93&H#2.HLG"%"Y,:'=A7'(>0WWC+]]7LVWM M\9RE![510MWXT Z
0D.F4!J#TCB*)DM/&"BAW4 Y)>LQ-#@$!I!F>#0::#J%^ M"9260&ET3Y_HDY@I-"Z#TCB*)HOQQ??)V%T=MY3&4#=GNF2HS@;:0SI+$.K. M0>J/V(H3$9E,91-%E^PG4)
[:Z+/:4QU'V*6)UM&)DC.*L-NLP%2J-06GI, MYS)H2(ZBR6(3IDAH-T5>G=(8&@P1=3MZ>QNT>B)9/<6SRA%&9T%4Q4-H82DN@- JEI5 :@])X:+#)=A>$+&%A^X0'
MME3;E]VS\X,>RF+NO5M53<6J:K^Z]VZZV/^>K2^8"2-U!8.]2<[:A-HY4!J% MTE(HC4%I_")E]4I7)KPP'*9?>K\[E%NU/DIG^3S9:O)RBM*[^.+UZ'O5BFR_4I#Z6-
(]UV(;W>L&_8-@4:F$)I*93&H#2.HLE2%EY.=,I7V3CIU[!? M6#\R)939F^*L3:B1 Z510Y]T23\T;#>40@,S*(VC:+(VA9T3*[!S3EB48):H M[O5$)-#D]1LJ:C:9 :1]9[!.(7&@9I,90-V
]#5QZ+"8#-4EJH92W5 -R>V= M?>K)%) 9)=/A[8G[2H/(L,O70)W.L3?5^48$M5.@- JEI5 :@](XBB;+6U@N MD=UR><5.S>9;%M(0&$%IXRU-&17&4608%4*=&2@MA=(8E,91-
%G-PL&)#NQI MYKA3LUG"T,4R4-H82DN@-!J9ME%KAA"&%:W0P Q*XRB:+&'A"T4']C\[;:=F MLY)UXR$<]M1]+PREM/%C?'C\:%]?HRXSH 90-_!]=?ME RP:]H;J^-&P_"6, M56?
%WM^GGD_AK$2;N>P?LQHA@EHK4-H82DN@- JEI5 :@](XBB;+7;@PD=V% M.6DU@IWIK&JH*1/I=D#@FT:,4+L%2DNA- :E<11-UJOP9:+35L\89:I;%(&: M\6@/YRP^J,5R1/LI-
&(*I3$HC:-HDO!BX<7$![Y4!K88(3YB;S-[8UQE':4E M1[2?0B.F4!]#TCB*)LM2^"KQ@2^*<5B*$!L<%-5RMH=S%A[4.SFB_10:,872 M&)3&4319>,
(TB4_9B[]NIL:X.S'*%."91&H042F.Q[N*H9XJC(LIJ%!9);+=(H&F,]EC.8TK MD IO8X*GL26.$!J906@JE,2B-HVBRE(4[%]_RI3-.^C7L F9.8 0WQ5F;4+<' M2J.&/MF7Q@@-S*
TCJ+)VA163FRWV>[GLSSZBG/ZW%69U<7R^PQ?Y^5C]-%Y/J_U!+ P04 " #&@AU9ZEIW(^ ' !7$P & 'AL+W=O]_LN*T3)7<]40N/-W-B2>]S:1=]55O \;"I5?S08O.F77.K.V4EX
M=FO/3DSME=3BUC)7ER6WZW.AS.JT,^PT#^[DHO#TH']V4O&%F K_4-U:W/4W M5G)9"NVDTE&DS$)12Q__*<6AM>'=X)D-H[1A%'#' M@P+*#]SSLQ-K5LS2:EBCB^!JV
UP4E-2IM[BK<0^?W;S^?+N\^3R2Y>=CZ>3 M*;OYR&[O+J>7U_?C^\G--1M??V#3AZNK\=V_Z-UT\NEZ\G%R,;Z^9^.+BYN'
MZ_O)]2=V>_//R<7DC%PW^6:L>.QQVV6@P.GK!WN$F0(?!WN$S]L999FKMI5ZP6Z-D)H5C M_Q[/G+<@U'.V.1SM'>VW1T7VWE4\$Z<=5)$3=BDZ9S__-'PS.'X![=$&[=%+
MUO\/Z7SY_&&/-1!>>1:[62(6*+H>^TNL'143NQ=9H8TR"P2]RR8ZZ[%??O[I MW6@T.%Z);K@:'K/TI';?/VGL-(^-9;X0S=O,E!77Z_3RURZ3.C.V,I9[D>.& M?1"*K[@5S-!U)LJ9L.P-
$6MXB-6.<;909L85%FNSY![VL8V.(-LU<:9+EV6M M9<9)A+!'YRQ(DC5XZ%#*]E'XN$QZ.MD;QO,EUQE1SM0VJ8"PCJ .WQZS6>T0 M=N>@I%E&_V=K5@A5T0:<7C)GU!
(@K/0X5[&LX$H)O0!S$[Y<+"'"%<35!T1T MNK"9Y$K^P!E9DX+I665-7F=^8B4@I'U/Q'+44"_N0:3]9A
MZ;BR4K'#0=@#M:2G/?:@%7EA@,>NI!/,>:J#+@'$78X;1TV8@F;:1Q&B8.J[MHWOL'(EP%,%;TCGM(Q="_N^I*R*"N65A]"!.K$>*2ASJ8G_L!90$$T=JVKK
M:@[")G;8&HC#R58L:I6B%WG+ID0Q)".MN'Q"1BB?%U1F@;4;)9E>7C0:T&,7 MPGI,,DA(G'?"X$#.&>.U\0@$O%3&@;^.:5JB$$#03M5Y5(W]V!M7B;/PU.98 M
VI+7["%T"@9,D/E4Y$$\&W/0;)@K5+;VGWH3;T);]!$RI%E/%7%&E<#*%"+5"]4*3("$I16F0H\KZQ7QDG(T," M[U(UMZQ]%B MD&_N"C;'?+TU]:,&>JC.#<. :AM*
((M<>$V<4R5LDE5KOZG)E+J-5JT*]8? MA/N2?S6HU_6!66G8=O7,R5QR*ZG7C)$TTF YA[B"OU)#8 X:N]X,H9$COJTPZ&Q%&XA"):Z ,BDP7VV.6 !6T!,*^?>\5R@WT^ M@N.
[KB3#S=BP%^->TAS3#F T5G3!6!_&EQ+VO;=R5GL^4X+X^RS@'Z8*COW' M$9H]]@.G=,&7*FHZY8JD#3A5S*QT.W*8="KTE0;B+^*I(C=_#<";WB]?C$$K
M.SMA0.=RH4U?.B]+ZE(QW5%Q-[/,ZSC\-XTFF44:OM62=`^K2K%9/PHFFM-# M#+C#;]RJ/23,YPV5>!F+P@8%C$$*,)\K^GS72FDU@3'K[;
Z)Q1FY42>9RP2(,),P[9>M>*7LG73:&T=2019E[[FFH MKZFS-,5"FV;4KQ'Z8'UN31DVB"U3'BJ*,CDV;17EGI]\@516M/1%4^912C*. M>V'62Y-
1N\#;K;SY^8AV@:$2P^)LF_[G^^*F3ML#5ZS3[_L+-$BL=N#C5P:N ML\@;Y O_\\@A8 VL#A%. I48CF9H0NX9F4&G3#$.4V!(+2TF_F3I!TM2MDU M?DC6]E*[KJB?IO-
[^WX1]UL?.S!3+\(G'>KP !N_>VR>;KX:C>/'DNWR',GI MBEL,X8XI,_M;QUFXV><>.--%3Z=S(S' !\N"TPWPM("O*>QL+FA S;? MTL[^!U!+ P04 " #&@AU9T)H^8?L- #()@ &0
'AL+W=OL<@[8+'O^^R+Q^LN_,+I8)X M7!;&O]I;A%"^.#[VV4(MI>_;4AF\F5FWE %?W?S8ET[)G#7+TLY5[[5T-7ER/:#TO^*S5@^]\%B3)U-H[^G*3O]H[M(894H;)
%"3^W*O7JBB($-CX-='<:XZDC=W/-?7O6';(,I5>O;;%+SH/BU=[MYWLB5S-9%>&3??A>)7G&1^SA>?_Q4-:>[(GLLH'NTR;P<%2F_A7/B8]_)X- MP[1AR'$'YC+-S+
(RY?./@A'JT&-/K"HO!O,:4-&N0T.S7VA;V MYJ>;#^]O7QX'4*3GQUG:?1UW#W?LOA _6A,67KPUN#(NO(>[7V6_ M5MKK^$B:7/Q@M0GBLS*A[5U^\]7@[.3;9\0;->*-
GJ.^53SQ1ONLL!XR;&/W>8+#ONAZ1%=' MPL[$V]L;\<[9JA2W5^*#*$>_MO5I.E1.G;#'_Z 0:-CC5"[&)_VSKVE;6"CA M%Q)*S62IGRR>T#KXYJOSX?#DV^8A?
Q]\>RB0=\3^:#*!\Q<%F\K =MB?2;]H MSNH)TL1N04)33: M^PS?D;7Q>W,NBPGL9 MQ'XC,A^4*1? 4N=X!:[#2L@'Z7+?0UJ=_62I@.I3H"P% M;Y,1!J9RV)"4(+B7. M?
PP*GCY5*VNB\.JQ+'2F@[A7D>FXI<>'LBHHKQ%5IS*%# KJK/I2KHAE8@.* MP7M:7%934!-T"+S"SF;X/[-(X?@J:P4/QF.A*F<]G145#*LL=+80#]*3(#Y(M$S14L\(QFM3%U,-

"NUS@/!>8NIC!U7'X2DG'QNU3U*:E4"E'-:RHQ#*F*6(+ M<5Z!;IUD>JU&_^39MYRZ5Z92S,O^<-Q8@8CM#P87K;D1T*7BLE*L_B-'(VP] M;!^OVS6GFV 6N*+*N<3]Q-UKD;378Q1T[8ND[7XXF0S#);&8H' MLKHV_,#ETF10@PZ+&"956%B', CL!7$+>%1H M.=4%SE40 (% /H5S\&:Z:N6$K^(\[01Y)'(PL27QE6/#]]N%.4+8H2BF.-ZZ MO,._]YH<"S+!=>@M>R1[(:&;R$7TL1(NMA*D0'@A=B&^FE=F%G8 M-4KC];(JXGLDIE:E'.:')\Y ?XTDRSS]>.4SO2@4<\)=1(FVE#6C,E5'G(VL=_V$-N#[DXRR_D M?\<'&PGAL0.),24-P\=_(1,XN(Y/; M$D5?_*)$;H6Q(1W$:QNUDJ+GA@DAAU"Q*VU0G,:%1O73CLL%W,7-P4M*Z,:* MP5;D!&;JH'^2,.8AE$V\DX_D9Z7U%/Q7'R=4@T(XJB(;K@BVZTH;"9K9ZW= M";57FKEN/0U$ET3SMQ@:))SQ_-(B_&D[.\EN @+>0VK9X'=<006&@Y+M4Y2 MWZ D/MGE/^K%JPZ?T1$T M:3TKJIQE$,G'.+91>AUS,9DA)^$PE(+EDQRATY/&W93 PD5+>DU&4FA0.A8&(N![T73["J.* < MM#\5KAI,F)7?"5CB;(=F^.!V+6Y2^$!6D#4&E"-<&0T!D+@L^X2-6Q/!< M? &"U9A6L;)IT-3@7'QT::A27GB@+26^H;N"TDJ-C)#Z4C)3 =J%(.PR_CNSL MJ/*- L[;]'1VNJ5HXM1>I<>G(J?+*'833T.>L.3<2L(D!U+<7!^*-X" M*-N5B@@681%-*$TGQQP,3P_%F]JA:_1T,!@=(L5Q!-/RZ&9P=]4Y8# X?")P MUZ 'H)PDR#)7;2"(@\$Y'3P-8 &'?5(!TK :Z4*$73AR[;.6W\FA^$OC[O:Y MX\?U\5O#@_C'BO=M.6HTNB\NT+)PC*R[<;;+S0#@M[I8KT9:70?K)76NHG M:=)P3Z@OVB]"EWS3?@S/YECC&(9WH%9LOC,F:A] MB$H\JPI8>*8V0 1](W_U5)?8WRG.5+8PMK!S.)H83D[$F7C-@UV8 ,;+3<1" MEX '9_3R6F9W6"T&8RK8#KF FC-_S!^-A*L/\2]5\@3\2 =; ,!H HT>(:EQ M3[8S'K$LDGM*8I]1Q!7C6T)<4Z"H7LJU3[(RZ3$-L%CEG72\-06GO!BIQ2 N MP:S,%O4*.'5B">W=>"]A,U/-/)6(=8SB@HUBV<[NY(%4MQ284&>$K_^'7JA M,I/D:3GEMODH!4KJ=K&=AH4^'8%@I_C:(A=EFUH,(DC]&19$PFE#3Z0^'0]C/4>1,7//)W&+?) $B MD[L<97N>D]V!&^3W"J>;>:^&>7%4EZ.8:+KOX#%??:IKQ-G"Y;I-/H@N?AC=MK:VVR?,/TKKX/@8G:V;_8KWHGIZLS;O_X^3UWQ[%/G"L5HR,-O' CI$OX8&N M@H]J*ZQA[5I/'!:Y4LL60J[/P9"[:#S)<_N*&P"00IW([M*,O^,F>8K3S1+, M$YY-(,HGUW'";1%*SYQ&[\K=$U"(R(>8>YTMU1 MYD)2VG;E'O<8XO&1H=QTO#^D78/^Z(RH]@<=#_C,:[-KX1A<\]>6MD[AUS'N8OU'_])PM7AE9 M(4?'#)S,/ .B-)G>0*1_.#!Y#>LTXQO*5,D[G5#M13!G>P& 3>O7;/_:H;TX M$8J5.]X])"=L^K7$5IYYIF.M3GC&K&.K(H\S=XY^H!V-V,@I.6SJ@E)$D'=8 MA3:;.I7P;'#W-^^A/^$=31.^3]>;U=EZ(&LXCXTZF M?7*_NY5V/9I/+]=OIR?G7[JZ/#\ MOKD\6[$V? MHW'T>+A1IG^7;FYNWVVY1_DO7:/4GO1_>(FR'DY71GZ$4XFK M=]M^DW+<^741 P? Z#17E0&2]^$.CYFGS,ZVK^.ND=GG\C=>/8%O#D0LUP]:3 M_F2\%P?<]9=@2_ZMTM0&Q A_7"BTO8X6X/W,0AWI"QW0_'CM\I]02P,$% M @ QH(=63B_1^,8"P NQT !D !X;"]W;W)K&ULM5EI]O&%OTK S<($D"VQ4VRLAAP4G=Y0)L@3IL/#^_#B!Q)@U <=H:T MHO[Z=^Z=X2);=E[3/B"1.=M=SEV'?+4S]K/;*-6(+]NR#J=G6^EKDXN7_'<>WOYRK1-J2OU MW@K7;K?2[M^HTNQ>GT0GW<0'O=XT-'%^^:J6:W6CFM_JJQ:C\YY*H;>JN3*0FD2I4W1$'BSZUZJ\]2 M"$&,/P+-DYXE'1P_=]1_8-VARU(Z]=:4GW31;%Z?7)R(0JUD6S8?S.XG%?3) MB%YN2L>_8N?WIHL3D;>N,=MP&!)L=>7_RB\!A]&!B^D#!^)P(&:Y/2.6\GO9 MR,M7UNR$I=V@1@^L*I^&<+HBH]PT%JL:YYK+#]>_7__ZV[5X]JMIE'O^ZKP! M45HZSP.!-YY_ "!A?C%5,W&B>NJ4,7A^7,(TTL4=Q*]B1\E^*^V/!-)-!'Q M-$X>H9?T&B9,+WE(0W6KJE:)E35;\1:R6G@"4&XVXBWCJZSX]]72\?Q_C@'@ MZ:?'Z5/4O'"US-7K$X2%4_96G5P^_2Z:35\^(GW:2Y\^1OU_D_ZC^M*(-Z7) M/Q^5_W$.R9GHG.![[>1Z;=5:C8?U*B&!:5,*U%2(Y$RX-HSLN6!]F< M6.[%6IFUE?5&0QRU!N6)4%4!+[:?53,1$L^-AF^OB6-'U:K-8%UK.I=N(%;*5$])B:K5"!E$%:0*9*K.%'BNH:JP[&T.&+1T9[03[M0D63R)Q"R7PS*H-V"]+)9Q:(\$U;B+>WOS(S*]_OOGQ3'S<6*4. DL@+/9= M6*0<&WR&]HN/II'EW>$S72%AE"4 =,]A2)>7,$F&@J*)R*=QOA=7. GFTYI M(IWA-XKH.YGH%.))X*J+Y M3*38F"2)B+.IR"Z2($F'RA-QD<[QF\R)132)(QHM(A(AG:4\EUS$I+#XA9U# M7"EK.+@FXGNU0BU0XJG>?4R.GD0QCV9)VGEV1B-A_-T>AQA_<*^M]ACI3SOW\/F'\F *+)8LXY+HN8TP(N M1G^3:10DX30Q22'1HX&097!0<@Z$0+I(1 219PB.OZ?D.]0"%OE45Z?,)U#R M=6>M*F6YJ"4%*@ZE:P:A R76ZIP3]*"*);;;5IG6CV-8YBHE!.KRM?5ZDR M.K-J=ES*,+.1MJ"!K[NULN'>ZX+\"X5):AMJ8*F7UKV5DT+ MG0](DC!4TD+/T"B['3:X=NERJ^O&=_&A/L)&&Q3)4,/WQ-K7R[OUGPS1UM 9 M2VT-$N@R*K>"9<")FPZTS+ ^R< 88EH-GEN@98 9]V>]@4'BKRA-I7PDRFZC M1FND'XC1U4@59^(=.'V+(1\0H6^IT"Y]:10G34 *_1LT/>AH5+ZAL(8UVIKP MYTZCLR^3ZZPP$:'C>< NM/>F-RG$%C=>1_&,@CN>OKR1\H8?HY?/H8L@C0.E,60]'AI$@U:\4/W(!2H]6?+R$(,JH[P.0 6@ CRC;@M(.Z3H1 M)",,0Y:#L0 *GINNA^OZVUXEZZYME#WJB@X3%NY1T,] M=OH <%N+41QVD44X#9D233@HH M6J)'9,FAX4T'=B8WYEN'OTZ$T+<:=QA=4OHJ.)G)\]9:$J5MR'LV$C>>RC1BK\A9;@TL5K T/9@=0$N/))($VJ%%U#5+ M+,@3M"W]F,UQV'_1GG>XTRPA47?YGD O5RM^;T*^3'L 8_!8!C%D!YGG'I:1 M/2:B4DU(&7PT[/4^Z$7NEG75>4=!@5JPK4VI"T:UTXO?Y:7:H"CZ-S6ZT].JZF)HMQ$[ZX4 MH\'L]S6E:_IT6RKE0P,40KB/X"[S]=[G,4/,D;? @BP&]P0,!!U M?^1E7+:Z5QMCE!@<"NDH>1 ;\EVV%+\XH-6*+EQ;?^%2]R]Z^;&%44[OW;$+-XX5Y%)CIAV;.O_;JH@&% MSSC=9\#]6:C:Q^CA&1HH%@N2]:QX;HSM):C8M;=<5P/#G'9S>K6_CSUX=5$!BI6I3KLAO0(O1%?;^WM:9R"?((E; M+WE'U(?!RI2EV;%UN,D+E+/B1)8G@(>M#A%WV@=,[.$IW.7XS&5H/4.K$\&' !<]O'.ZJ:3H-1,;HPJD9 MMY;W?9<_&"LHMN@ES7? M^\:C#(&SK0G9(S$(6#TTB@5[SSA)Z#89X3[[VK_'&+J*]GG6_1!CJKA+%\0 MB=R1/XFF@S [>;>]&[+APV+0K9 ^7!&O]_X>QRB\6Y9Z'5KQ=_S&MMM5CW:9 M81?=T+K;P]!0L)+< 4C9374@B*U+431VOX]NP%=7-/.7;B0TQ6AHXD>IA'K6<0XR2VY5^CR'3D_5C=>_ MOP3PU=93P/WGF&0'F6'5EBNH(:(9X9ESDEF%TO=5J FV+K?[S85OHCVC+.II MAHV8SSPT2=*O44%7^WE?P%02P,$% @ QH(=6::S$(2W! 70H !D !X;"]W;W)K M&ULE59M]LV$/XK!S4H6L#QB^PX:6(;<%)WS=:D M1IQN'X9]H*6S180B59*RX_WZW5&RX@!)MB&(3$KW\MQS+^1H:^R#RQ]/.9* MNW&4>5^<=SHNR3 7KFT*U/1E96PN/&WMNN,*BR(-2KGJQ-WNL),+J:/)*+R;MV\G(E%Y)C7,+KLQS87>7J,QV'/6B_8L[NK+-,)ZDM75:6XE0[N,WS3X:ZG:T.^U M(.[&@S?L]9M0^\%>_[50,V'Q^))2F,)<[*BR/$RM%7J-O&[!K=&)O^L-NQ=OA#)H0AF\ M9?U_9>UM2X,VO&8,?L.=XZ*FUDE,J;T#&@+@ HW+0*/8"ILZD#[(V%3H!*F M?08^0RBLV4CN7@=F%=Z(TF?&2B^X%?=FI5[#NI1!N07;3"89M?O/4A)O02M'MX4H;D@1"I_0Q,6LM0U>3X<3DG"\1]ECGCI$*I9ZA+>]DUZASD2)X Z:T@'FA MS])(3M(R77BC74M"BU198"2(#CX\/[=61QW+^X6/UQ8M]BX^MAI[M6A1VB0C#+73DCK$!K^SO=PBR,UK.9@KH1O3L\5_F2: 19HPSQF MND.$^YC65,Z,D,*J)A^M<\R7:$,.V*5#+8D<4A95X==PF.EO1J^/[']'F,#_P ML,?Q[;Z! 7-KR%?>@HI:9MYY25.2-BLA+6R$*MxUX9[,RIPZP3. PW2\F#=: M,I#$$"9=26EG%%5'13S]!,P<#+$0E!UL!26.RU/1(>/.R:DE3@_G$=Q2X3]_ M0_-E%^9+L^!!PX_^P>H#%7W3"BY1W!*_P/Z MCV-^=.&.6E]03JNRP@T=@D7 ?T9__2YYA06=2%1?+5BCIH!4$!4IS7K)TR=T M2N\4>B67CV@$ZRP*\!+$GS;SD%2_XQ!?5;,P$?T]9\"T:?]ML5M5& XBM6NQ53.%M?PBS5E0?. FMZ%OCZV MJ$+&G_FAJK:8(N:0H/5TXZ"'']E03.C1HJ3=4@TU[UATAFN'#)=0,HB=7M!<> MMDA-E**GVB=*TLH50^!505D_SM&NT>Z3S2TH34H%OGB-E404-.F4_)L^\$PD MN)(@:AHLNU"Q1_$32P'E\T)DYK@$VR\=&)V#(S\@XXN-@$S!0]._>=O%)O+IXW0B[EM1$"E>DVFV?GD1@J\M,M?&F"!>(I?%T'0G+C.Y_:%F OJ^, M\?L-.VANE)-_%!+ P04 " #&@AU9(&?(LPL* "Z&@ &0 'AL+W=O M<+@?:(FRV4JB2E)VO'_]?3,49=EQTV+O@,"Q)'+XS>N;&>MJ9>QG MMU#*BX>RJ-SU8.%]_?SHR*4+54HW,K6J\"0WMI0>EW9^Y&JK9,:;RN)H,AZ? M'I525X.;*[[WWMY)(-XXX.>+SS=.+JYJN5< MW2O_>_W>XNJHDY+I4E5.FTI8E5\/I/G+XYI/2_XIU8KU_LN2).9,9_IXBZ[M'HP)D"I4ZDF"Q+^E>JF*@@0!QI=6YJ [DC;VOT?IO[#NT&4FG7IIBC]TYA?7M@_.!R%0NF\)_,*M?5:O/"'X4ZS"VNET(-+&>5.VFX&@U%7X+Q]:._0V MG(^_LF'2;I@P[G 0H_Q9>GES97= *[-*_'Q]E^O[J^./"32_:.TW?TB[)Y\9?>%>&,JOW#B596I;'O_$9!T<"81MSHO)DP+_WA0C,4V&8C*>'#\A;]JI-V5YTZ^I5Z6F5.*C?! _:Y<6QC56B7_? MSIRW"(C_[%,Y2#$>+Y&2Y+FK9:JN!\@"I^Q2#6Y^_"$Y'5\^@?>XPWO\E/1O MNN/IW2&PKUD*K:BUK95%4>V>X.1>N; MF0*U, Z >B8FR12?T_,+?)XF9_A,AN/S1+PGW$P%!S-5J5S[0^AF>VKP]H/D M[/20-HT3NCH;T\7D9"Q>Y;EB!F"-K?1*')PGHXM#\3<\'YWCWT&2C"9\/1TE M^ ?S =A*.B%Y4WLN'^MA6L_6DE4F*C)2&8RDMHU$%AD*R #,6EH\\H9WFZ6R MLBA8LGH R3K52782*L%8VF1.%-)YL5;2#N$\#>K4$)TUB@292OWD09(B0W1; MY54?J.-S(;L .>/@&5'PD %+^!SK06D01(E6%8CI+KH@H EUKW7D[Z/[49LP M7E9S35P@G5/>\=VZL;5Q$ \%00?*HM80:;1&Q0IPIQ,-D%EQ]^&E(,H[NQ07 M)\GM07HX$N\J (8*R3$!3BZ&FU-_5@A\7U(803K=_DBAU]BU./CQA_/)9'P9 M;_!E=]+UJB ."UJYGDM@<&W<&E^X\1&H# :=8 2 -Z$VL%CI=D.\ET2^> M,("6;5O7N+W^$+(TUNL_63;%$_H+TC>WIF3CW>-*UI2I>.@M9#66%A#!%(IB M "Z'"\YA^?"$=GUIX -E@UN8BZHU0_A/J0]%+NA&@ARFM8J(.OCOOD&E@RU? MFL9Z(@[F881*15G2E#/8$HZ%9]128E,*6G'A(+4TQ9(@S(.K2'_8*'.IK$/< M&RRS(EW !H%U4FW3IG0P2AJD2+^)%ZHCBI(#[!9=8'!?-GYAK/9KENF9#9XR MJUN8IB!&C-[NN#;:!HPV=2-3.CB"'Q!;.C)C"NHM M=Q*2$,*\9E[I/U4 ^XC_(OL:8(!',OKF3*$SSG'*BBK5 ,S>469Y?J1F2J] MY&*_)WJB7A&[)COFU"03Z;D8_\$M@2#:X/\&*+B77":X%PUH-C&_RWLY% 9\ MLE.@MRWO:+?AX?90654--JA'57S8>7R3%X\I;@6VY#3552B<,Q6/)'L"U09K M1X4-EA> -YUNAP;JJ%9++*!3L50SZ%+1072K) R%_HP20.%;B2JR/ M""RR;;F #=]PW"SUW%C3.*KT*L==CL-X5MB&$8LC,85M<,",>CN5:7;D2ON%M2)4E6O(H1'>Y6$%CX*)XP#!#V)K*-2F2S.4-A75[$D4+$KT[;$@[2TEJ0XDO MC6Y[& L36"*+Q29L 6"I VS2U*!_]Z$Y1(@Y2@?2H)8Z MZU,$WU,H8EX'>N@ /(<(-QNY<9@4KD\G$P145!N4NRC6"FF=F3-G2 M; 2Q:]1H*R#.,HXU] 3KX:YV_T-K2%U;3C5NMJ;.?E_/.MUTC.WH(-NB&QFV M-F ?3T6%RUV$W,8E)J.5#A%&M^$]L,4#3,:CJA,]1/O[-D*7NI2)0XE;2G" M(BA/)RY#8CC% Y'XA)[%$8V%R;$TF'X@H=*Y!M/Y@GBRQ_5DH.V8W1'=#KR" MVC#+)8.;7*P*Q09_D0]0K5W;[>.";6:26_#VNT"".>FUO$JA>;+K#GEV*"H M(-NJ!'!=^F^A)%?A"'?>I=Y0.]7Z]B1LVFB[;]=..(0M_$A&W_@GA.P9]) F M#OY25:\UV*[#)(*&1;1Z;:W72+"TRX$='\1A,]L-^KJ;ZA&Z_2#EP>ILVEW' MK/AFA< ^&N3V3F*]D3>"W,VZ[\BU1T/X]C -^']DY'B.!D'XGJU#]'4MZI;)MOMMC.TV#HX;%-5RVZS!6<'6NU.I)OW,V@R>L";^,MKT5;;YMY@VR;BN@=GK; M:*^G6V-6-60P-:K[>F?J29@1WIJEXE$B"0,DY9MIYHNMZ(P 1N*7%D I/X7&M'T:CMJ6C(5*3"L5P7VO^M5//OW$JUQR8G(H.N$E6F/4XYS,#QX8VC)O#,+?X M7IM&30C\U7(GT+?2$4>FFAORGWJ0&+M##'#'NI"0) 7U:Y:8.49,Q:I^QTSPMA]H&A%8NR(1K,O :.663@^14GGVR3TWD-MY&[5];Y#KV[H'%0; ^"79=QO.RI MO+ORN[K5UPC'D**8+A7UP7W744A)#XNTX#";$GF[9O:IC=^^'?%DB6R-,G:JM"YT1.^*=>A:=SPU4<-IC9>(428%=.>VHA 9U-K'1M4)1(M7EU$?+W>71-3;\ MI)=B'>9QWTJ/_MKV_>-!J*OC_+,A787?(-#C+[91RUB[T6^-]OUH?=1[GP#[MS_FM"6M;^?!JH;O;O9BY#>\C-LO#6YTWTLZIR2U4CJWCT=G)(/2O\<*;FM]. MS(SWIN2O"X78M+0 SW.#OJ2]H .ZUU4W_P502P,$% @ QH(=6>9ZO9GB M @ H 8 !D !X;"]W;W)K&ULC55M]HP$/XK MIZR:-JDED*04&""5EJF=5(:@VSY,^V"2@UAU;&:;TO[[G9V04@G0%,6O]SQ^ M[IR[]+=*/YDVLB3>*X=)'L<#)^A/O)S?>',4S' M,YC?7<_&_=2L]L/TXIE5+)$1UBZ*"DS0V,98;9>WQ(BFI9T4[6*#I)^&TC M&A"WSB%J1LD)OKAV,_9\\1&^,=.2RY6!*6J8YTPC_+Y>&*OI]_ASR-^2+CE, MYS*E9]8LQ4%J6!0/V,P_/BAU6Y^.2$VJ<4FI]C_^TY.LAS6V&[(79XS!&6 M2E"*4I3 LH5 \"AI#5C:3)E(-X+Y3%)+EP@\!28SR+C86,Q 4@'A,E4% 2G& MQL6X1[P:\=W' 1/2^7Z%+OO57W8]<+?NFGAO](E+2@ A2($Y!WQ)<6W=41?^ M*&"%VI#8SS!Y$W(&<:=+;=3I4-ON7%';B5LP\NJW/F,QNV#/J*D E9H-M*X2 M>CMU/U66PL"9 "(MR/^=7?7<5A$XSG=);[?N)PY5C0+URM=&0TY2',L"4J_6Y?>Z MK#IOYF7M?F!ZQ:4!@4N"-AM7EP'HLAZ6$ZO6O@8ME*6*YH$_4$L#!!0 (,:"'5F."T073P8 + / 9 >&PO=V]R M:W-H965T4&R&UN2K[D!3I.U&;JD M:++U8=@#++=$65XET22JN]^OW'4J^I4F6#@,,BZ+._?(=\F1I[&>72^GI:UEH M=]K*O5\<=3HNS64IW*%92(TO,V-+X?%JYQVWL%)D@:DL.G&W.^B40NG6V4G8 M^V#/3DSE"Z7E!TNN*DMA5^>R,,O35M1:;WQ4\]SS1N?L9"'F\E;ZWQ8?+-XZ M&RF9*J5VRFBRF^*0RGY^V1BW*Y$Q4A?]HMEN]DXT^?Y:6F<.&?EC5M/VE16CEORH89%I1*UT_QM8G##L.H^P1#W##$P>Y: M4;#R0GAQ=F+-DBQ30QHO@JN!&\8IS4FY]19?%?C\V=N;FXM/5^_?T^3Z@F[NMWEU^I*OKN\GUVZOSJY?QLP)_J8I#2J(VQ=VX]XR\9.-V$N0E3[EM3+9414%*9W2E MO=!S-2TD39R3WM&%]EZ^S5#]&@>_R,#[V-#[WGI/_GU#TK]7&;AX?T$FUTETN:KT,[%870J23A MR,P(&5QM,AC"?I-Z,Y5VO9F$30\)H5.57Q$P)VQHV$AE75&2*^J!-*:3(LU9 MCZDLP&)AK!><4*"7%5[I.3DY!Y@@N4MI@U$S4P"2W!&]N7U+EU?XNS->%/2C MTNBTH@!HN)]H6RG^6XL/*&IW^T,\^Z/Z;=#K$N "8*#1OM9*G:X(]:-=(0(, MJ1+!]910GT8[PJUR;.3,FA+^?ZGPRN2.HE&?^OT1#7O)GBW[$6#5<:\?GE%O M@&?<3L81)P3.!H^U";J5K:.PCJW/K90A]\69:9AKP_1)2_&+:!NNI%59FP(% MVVHG]):3$**WU;)$1@Z&W?$Z](=T _,LJ6USBKHY7UQ/*>*G'*L&/?M:9QQQ M/GK_@WK6PL+:;)C_34&Y#F&RW.?]BOG0MYCYBU X&6::U.8^2HD*!D,Z\KI M=O'/>&/^C'IV+]#,X*!D2[(EZ%(TIPIKNK,@PF.WG3EAI44I*1I3T M45/)@"EH3=A<$CNA+KL7*X6#D4Z!"F$0'&O"UH4ZV#0E+THT3/[[] UWP:= M"ZH;CX.EO5!H_5%==KUQ_4R2\+7?!YZ^_F!-*A&FCZ]$N3B^H'Y"KWX8Q5%\ MO+M\^*P-":I&\8ZJ03)\0M5%9;EM7@ 2;70!PI&:N59_XZ/(LJ;#O-E6(=>1 M>:+N4$0'W(5-A@/M01^&-AMMB'<+&8X9Q:H=#@L9USA;!RPM%.8W#CXD4(5I MC09-82XJF^8@!YD"8L(BWI7.JS)4V R-0 >BJ*1;LZR;@;,"\C^PIE!BJ@JX M);E+<,YB5D:4&E4WJ,(R+F^ON)2KQ8[/NR1K$#ZD6^##M?$2:0F9BKO'DQV$M:H>]Z#@@RCJJ2*/2]9$Q]/)WYBD YDQ:=NQ@N(EX\$7IUXL'U85X98\U&Y " MI'\A)0WJNRIEQEE50&-JRD4A$=[#+;"J$#B0<.3@SPYF<4R:R<*N5%IY3C%S M -"D%-9G].72EB/\"+J84JMI+!M@G1T'(BL_%)! =B6N=0$ M1QB?.2NILD 9YWF,(O& '*[+3*7U1/,Y-+,>+FO+D=S4<2E6-)6-^>PA3V9V M6.@5H=(P#3PIH(=7,Q6JAZ>4FL]ER%-C0U#0*.09L1>.V5;;"?T]Y7!K)FB M\BM:0_EWA3-!6Q&6]P;6P-6/56Y>;\JWMK>"J:/"9P?X*&V?RCE7RYS*3]B:=ES+OAH(-O6/0)9)XHB M7O*0&(]Y->+5@%=AFH[J.WYW=FY1F)WS<%=TZ)I*^_I"M=G= M7$6$%FTOZV3]02P,$% @ QH(=6" %Q@ !D !X M;"]W;W)K&ULG5G9MPX%OT5HCIH)$!U[8YW T[B MH'L0)X&=I!\&\\"26"5.)%$A*9?=7S_G7FJK-9X 1FDC#_=+^F+E;'?7:*4 M%X]9FKO+7N)]<383T>CU,),Z M[UU=\+O/]NK"E#[5N?ILA2NS3-JG-RHU]\O>N%>_N-/+Q-.+X=5%(9?J7OFO MQ6>+IV&#$NM,Y4Z;7%BUN.Q=C_>S&@\# _BFU5!O59H2$&C\J#![S9(TL7M?H[]GV2'+7#KUUJ1_Z]@GE[V3GHC5 M0I:IOS.K/U4ESQ'A129U_"M68>QTUA-1Z;S)JLE@D.D\7.5CI82.A)/1G@F3 M%K*$>8>%F.4[Z>75A34K86DTT.B&1>79(*=S,LJ]M_BJ,<]?O;_^ZTY\N_[P M]4;3@X#_*M.!F([[8C*:S[@31M)IXPWW2>IU%9\DVFIQ#OMHM2XTBHG M_GT]=][".?ZS2^8 .=L-20%SY@H9J(L(I^Z!Z5[__-GX].C] >-80GAU" M_W],QQL;*ID]AB RQ/%=^I52.0+#? 51(ZW6D"YE[)T"^&1* MDH&1/[R(I5<#\'7>"&;'RRB*.B @-ZPC2F0$!08Y9 C"/&U(:LEOUH]064A%_ M O->L1!!8N(;$XL6NB]62D0&F0RBU-K*B7!*()EQ7LCX ?21!TWI:KEH99 H MLX*D=D&[NV0.&B^=$BL2DFQ1"]BHNM$K#-^&PI]:66FCY(FMWMA9.2_GJ49> M@?Q=)27->":#EPB,ET-%ZRM;R*DES_*'D,&3NQ2HE4/:C4 M#<2U@$MA40UEZ!RQ6)(%?O_M9#(^/GQ FK"<,(M ,[#'8*>7N5[H"&ID/]SK$@-2D(4^K5H3H(%LS/-$CL!: M &"%T $]$Q^8RECV(611I.12&%@Y6\=0]('<<)7H*"%FU>H_2D,.QP'G.$BX MLE6.$;;T7*X!U2Z$W=0<9C*H=*8D-O2.Y\BU64EA0'E;UJD5E%!&#FE(?@ M8P@.I1DF1E!%'I%._//ZJ< _K[_9DM!)@)=W9QNHTP^E,I]+ND6E+:^<[(%HE M/@!LY"+(!9P9>,>0G'A-^F5#Y>59H]$_^@GVCSOQ$NX)7KG7*C'"(EDR962.S(P'L^: MZ9W;YM7)KMOZ^L'DRR#D#0HV]Q,/J 1AU>,3^MN<4E^/7M/?OJ^?JHANT2:G M>P?CT^1H_]>CRHR5G^[Q2U+P>#SBZ^CU,5W7M3TA4TWZH^DT&..4QYZLCSGJ MQM.:%_R*:5Z(=?B3/>D%00F0Q>3Q=24)OS(6(]J7/;*/1X MUVU]#;I^1B)X(6;C-9X;CQVQQX<>&]\O;=V0H?5$I@Q]45[I?5B\G\A=PARJR!^)325WD5B13EMJ:[;@F"]K!:ZQ;-\1< %H-.,[Q M>[13.A*F*IAU/QKJ)I;LA_)"OM-GE"B%=Z-4;+<#VT6BZ>0&==22$ O]R$TE M7$*MB<*5$L_HA8E_#D9!/H,>[Z5LH0 M#ESWP\:'VH4,NQG+O+B$RR@R95Y/AD%X>].MD3(%L3S$'=$ _;;?#5WTWD:7 M]P:6=A+8T?$JJ#SD;I/1N=E,4/Q^?%X#>I9!SLV#"KX3_R3F4 4[1L1"=;69 MJTC2MH-0-_I_>H7>*2I3&78OFVT?I(>9EDG3;%1.1UIH>L'0S)M\I[?5Y)OD MM6LGX0[ZX*3:OU)/ZWAIN=$:LO641->4J+B3 OMB7OHMP=$)U4*K5K#:T3=9 M>1VFK+>-@QT%JU^UU1XCAJ4D+Y:#Y:69S<(9]XN9^8M<].](R!O()5!>K%MCJTM99.EA&C#@EH5P[IWR*<@=K;#C- ML]?QX(K,P*MQ\]7\3$9BURG@L'-8FRF[Y"-IY%>]%>'=G@X M,K^5=DG^G:H%IHX&QT<]8<,Q='CPIN"CW[GQWF1\FZH*DL#\'UAD%2K!UJ@ M^5_U?\ 4$L#!!0 (,:"'5E24 %Q'PD !\< 9 >&PO=V]R:W-H M965TMQ+GLK-,Q42*FW![J3*1X,]9FRAUNS:1C,R-X[(6FJM/O=H\[4R[3 MUN6Y?_;17)[KW"F9BH^&V7PZY69^+92>7;1ZK?+!@YPDCAYT+L\S/A&/POTK M^VAPUZFTO'(J4BMURHP87[2N>F?70QKO!WR68F9KUXP\&6G]A6[NXXM6EPP2]M2D2.-'#\>1+OA%*D"&9\+72VJBE)L'Y=:K_SOL.7$;?BG59_R-@E%ZV3%HO% MF.?*/>C9+Z+PYXCT15I9_\MF8>PQ!D>Y=7I:"..'J4S#7_ZMB$--X*2[0:!? M"/2]W6$B;^4-=_SRW.@9,S0:VNC"N^JE89Q,*2F/SN"MA)R[O+E]N/[\]>G^ M\^WC><=!(3WN1(7P=1#N;Q ^9>]UZA++;M-8Q$WY#@RIK.F7UESWMRK\-5>' M;-!KLWZW/]RB;U!Y-

#Z!IN\$T8^<S?5R,.!V3^LRXJ8=+A^DFIC,YLQB-QT4*=6&&>1.ORQQ]Z MQ]VW6UP:5BX-MVE+F';A4\/64V>_2$8A[/B6Z:MB)G3#%4.'*= GC$BC>9X M%R4\G0AFN!-LK/+(Y9SJ*411ID[1Q=>AZ$63YE+!$NI;!2+=&ZL8'K,<,%& MN851UAZR*\LR;ESYPDC[!61!"< 5%AV*T"&PE5MFX,)&B0.,B;AW2 >(U/M04 M0](^)NU_B[&?$N!RBTUM3&B,A!'@'>.A%L$>J.2,*@XW(Q&7*.2Y2S1>A]DFN8QY&HE#$ *Q3-?#RR?*BX14 M$8I^L@[H)(^:(+Z(MGHKLD@\TNT_G4D:/$(#;A_OV<^(#!R+ON;22DJ&#P7B#IQAKIG^.W)Z5 5" MY$;7ZIBL> (C\9%:#GAAHYVGL8SH@=(\]0F[HTIG[\U:,//)&XI;RF36&+Y M@E"X1"]RA"4),40%.$'G?Y4J[."L:[B6 8O56#=4,HP%]>2F:H=X$"HL*U MHNBY"B&1*C"'2T MH=2)EX,ALN(L&A)0A(&AD,=Y&I5T6!);T3ML/K(REH@Y ML1NB"8/28MWG<^F1LX#"E;6LD#3QY7F0KY.H<[CPY/0*MU23ULN=QI:E'AI M1Y8;2"#+ $%$N0Z0\FRY'82U>2ED/O:8!VQY.N@N 10/(?%[Y/0(<2V668/G MNP&+94QS5UR,H466:UW484_@O%.4ZADBZ67J=![L"RBM2!]+$G034D!+!JP- MBE:!=&!1R; DG%=+PG91##LDQQL Y#D%);3FH#XOK3?5-Q+/RH,R1"O41S05 M&.^D07@F#CC]\8>3?K_[-F"TY+:"N0[:#.#W(WIORSX$5V)ZZ8VT6]$/45#0 M99PHL5"U_&947"*-[X2&2A#CEBG_5?#=B>1ZAWTV*MS\#"VL%@8W^E?B7\T M:<51GG&](G=!H7XI"/GN&*1"6R VX;1\.@J@IH.&77#;S&:AU/+:<(W?.R&AE*,.]K'6(?F3(\.F? G"-0: M Y.N\8N LU1%6"3/%Z5!^DHCPEIP15.@+KP88T6M9_:.+:;O?GG?W&J0 P]" M!20D.K.-X1_@]$W#Z5*FOB&^*X)<_GU7FGN=SSO[CT*I@_KE/HPHX(ZEW"V: M"]MC_1Y^AD/VD5B"/98D<>\90(X4^ 8K_7'6#6X^.#]GM862XZWOY@B%>#W@'I!I\" MOL<&??Q@TNZ@%HF5;0:6#/]%0CV)T7[+4.Y\\6/G0\A;'!7X54HX&R R,-09 M7E C 1E!:+&7"JJ;Q>2/"U+'RR7*AEU2(E2\%CBD<;F]KZ+ICFSX'&R B@UG M)%=AV5;'TF^UY5O]^4)A_?*Z<.W1N_:;CH);38M7K'V=5!.0==N>+?BS4$[U M;>7=YAY4AY\KE[: /2'NN'B[AED)E?C_IF':3GQT]F)K>EW6WV()JNY-42IQ MS1C8[YTXP0_]/QIZU(KQF(ID,Q:) [?U[.?\\Y@-3035M5M,7MDDB=+K=?#) MMZSZ"2;[0+VK\:0"7A.!'G6+J^_'7_WDZ'YUJU=%](S]3(N18A?]/3OP/=\7 M> VW&Z[V^Z#;S>#[9PRA*NGYOTO:%=MQW0BY0^[7C:#7Q&7NU\$7%N/C>#7?T*%B_[$UY_PKN MV@B1LX*AUJZ%"PK:[X=8AC_X]82$:$W#G&&/LJX/DK;(A5.ED?AN^-3 XW

VX0>\N4&$.T>_CFJ(6ME_\<%6ZT 35-\'+_P%02P,$% @ QH(=689#> 27!P 1, !D !X;"]W M;W)K&ULE5AK<]NX%?TK=[3J3CR5]: DRW9LS]AY MM&FS3<;.=C]T^@$B(0D-"# :-G[ZWLN0%&28SO.!ULDB'ON^UR09VOKOOJ5 ME('N2FW\>6<50G4Z&/A\)4OA^[:2!D\6UI4BX-8M![YR4A11J-2#;#@\&I1" MF<[%65S[["[.;!VT,O*S(U^7I7#W5U+;]7EGU-DL7*OE*O#"X.*L$DMY(\O MU6>'NT&+4JA2&J^L(2<7YYW+T>G5A>)(1LD MMFD,6^_ 6M&9D&S.NLF09 MO"KUCCBC9]R2\X#O54^U];73M) ,+N<^.)3 ?Q]S-F%-'L?BMCCUE0=U M[Z6[E9V+7W\9'0U?/V/II+5T\ASZDPEX7FHT[!-+TI>5I(75Z"UEEA3$7,NF MP=2?TE/ X]R6E372!$]V0;9VJ-IY."7$_+Z-.7W*@YU+MUD8TRME4'!:HW?\M0=IS(XVRCOYE Z!%H$E _OT+O>H>#8>T0(!(E+8V@;3TGF]#.Q=@1@$3?-+^ MIW26A"FH.S]@+K%@EZ8G)XP_>P3_:,CXLQ?C=[.$GAW0TE,[AYA3Q4B@'T!H:Y:\M0;HRR;#S[/I'7O["R[%]NX 9 2S]3NE:WE!]R]E]XV2A KT7N=(JW-,GT^1P M&%.&Q*TE0:?$/E(F<*3AF.0>C<:C>H,([%5"$DLG9GU ZY7*5U0Y>ZL*CB=U9]/AIEAH 9H]O)?"(9!>YC5;XUK,1O5BXT18 M(1WRKE(PCNR^1T<@P[*7AA3(]8J.N<#.;C!(?WXX>K3-?V51E1)E[,G@J/< MR&VU+&3W3!X2C@ K$NO<#W9 I5=C2@###WM/=##_'^8B=$PZ0(&=S-HV/GYP-\ ;A;] .^,USP:/8LZ23WVJV'Y?* M(*<8C%%+B#T!7=!;1LZI47[N!W:.[ZFN&*N;[102#(LA6Z),EXA3G_Z0F'W8 MZS<-ZVEN'1@7&7J)'AQB:"F-=-%&A][D\%<^*VL4! M@$T&LP(9B_,Y]?Z>0_U],L0 <>S+K;2YE(8]2N7J-Z5= 3E7E=]!#] 3T 1 M[16PCT%JERIQGUH#U=>:[I-2$Y6^W%H2/E4N-V%CT#Z4]+E3\]BB<;A=I@Z[MELR\7.-\>J/1\"?.?VIAWV.+9&CDLZ"'>ZGP2J4HUNA:[D[.7L-_RE8)G1>MZTBIL8>_U9:O$;$\#E]0&PSG>Q[(<.NCO)4:+:Y.5>_UALASKF>.RK)61:R# M'?4KA9IU^>]>U@B(J,"]=\ ,$IA=C)WIJ.V:-%U[1[.3[=*+RQKYJV0*&N4MYY53!7AK=^#\OE90=IQ0'IDX-$]"SXZ8!\#M8$$G^EHDZDM!WC"4YCPYG_!B M)33C!QJ;>MA.F_'1Y+ 3^R;T@X#Q"*QS:@WWJ&;"@DH/'EXHSD/FVIIZ('% MDLY-Z2X4FC./=Q:L6L6"$U1ID#Q/W/Q;K7PDTWX[J[/I)G*,\## G-Q")CHM MDH79.'O*PL@?Z$T^:6Q.*I%)H#Z]\[1,\E 1'VAF+6Y;J #3=9%ZJ4F5A;BC MO#G-".]E\$V^-@3-,P.O:=&$XZU&^7(7S(6.99Q>+KG>6,5<"H%+ L^;#/\T?77[7X'%F.4VU<3)Q0\-;CQY]$O][7W/$[M'N3MG:;^]I3^]N/M#?G$7! MQD.C:WF(@Z34)<3A/G@R; *VE=RIO.CZ1BBQK/M9.LV[E/K=4?;WN#"!*W' MUPLN*I6.!LR@B2HC5%L^Z,E[Q"F/WFLKXO&W.]J2U 8KK&#@'H#1=@CPU9VWZP\@N]^OFS-4QB'/^M/MH0F=(K2WK>N;,"_4G2P>0,5#M\N$2AT%0D6P\2#,N=<-\IQ8Z/8S^<> MG_QTKL4S9W" [.1:ULXVPXO3CN.BY\.>";*;&Q*L%Q)%M+F9]!][$Q[L?)8H MI5O&CR\\SI'9](6B76V [URFSQK;[>GC$,;.$L6!MEA =-B?33ODT@>>7=!-L M%3]RS&W 239>KJ1 "_$&/%]83.;FAA6T7[TN_@)02P,$% @ QH(=65NG MV! S!0 N@X !D !X;"]W;W)K&ULQ5=M;OHY M$/XK%JV]1*+DE(\X*4M%27TY6BD%X_G.Z#80>PZK6WMK6CE7G'2[=KZBG-N.+DAA9:%- MSAV&9MFUA2&>!:%<=M->[ZB;N!;+E?,3W>%9P9AF!B,NALMF@ MM6V\,^_)3.M/?G"5G;=Z'A!)FCNO@>/QA5Z3E%X18'R..EL;DUZP^5YK?QM\ MAR\S;NFUEA]%YE;GK>,6RVC!2^FN]?HWBOX<>GUS+6VXLW6U]Q 6YZ5U.H_"M&.=\54]^&^/0$#CN/2"01H$TX*X.!91ON./#,Z/7S/C=T.9?@JM!&N"$\J1. MG<&J@)P;7H]NKJY'[T;C&S;YXV(\91?C-VSR?GK#FBNC\?3J_;C:<=9UL.NE MN_-HX[*RD3Y@H_>:>56EHU41ME]^2[P;D"G->C+]%&%OY>RP_]FZ6]1. 1 M??U-$/I!7_^A() 3AI!JCEV2HH5PEOUU,:/.(&G^WN5PI>]@MSY?2">VX',ZM;Z%2+)DOU!J^>)8<]4X?07NP07OPE/9?1-GC-I*DPQZT\[*QU3M0 M*,RM")W&TCR%$K(-RO0CV%UJBVPBU/&&32IUE'SK3#GL# 85]D68VD1Q+ M8ZU>[EP.DQ./HI$B-\&Y9DI_Y9/W9^?;GE"H82D]GGTV15Z(.05G7CP[3I/T M=%9G'W'C<62E@1/!I8*,T!E[S@[BU<>5XHJBC;BV0)>$0<2Z-.K+%(@,X]82T.PEZ3YN_7NW>%WDVCCQ3Z45 MX?<4HFI*;@273&IK@X44>&M\]7.[YNI?LQ_NO)WCL<_9__MXS?QCB:>V4&\?H[A?H^E8'? .P(?]_CN'_D"1WXVZOZ%J\G<#P(-@8;A,D3 MV0V.OHKT[J6!U/Y^?/|(#O7)@L1LHUXXI876GFV(I[OF0(U00G/B?ENQX2C M',XSC6G#*"^DOB,*BI%1E:]>A^V@XHDII- 6031NGVB]C8^>^QZ&L@2<<";L2$[KB*&Y9GXQ"VU62Y%Q#]@Z//)(+X130"*8(&T3*#Q M:^^CG5@M\I=C^,'> [VO\MSE=DPM=-&(T1/"D)5P*BGTE?LNAEO""#S M,U86/L#8@EA5I>&+98D:DK1$:1GZ7$:@F"M]2.2=#VRHUEB]6 F='#9#&QR<M6K8H0WQ]M91QG2LGYJ((5>3X+2!D)5B="2G<7?T%LX$8F)=Z#A"% _QQ%\4// MIEUM XA9'*L^42B[3(1];& _[#>]3; AKY=\"NK2QG5T?I-W&>2(GLPRG)@N] M"&!UM-C,;@YF%]5Y9+N].M6]XV;INY*D!41[G<%ABYGJI%0-G"[Z62F'PX M !D !X;"]W;W)K&ULI5?;;ALW$/V5@5($"6#K MLJ9EV;$%R+F@+N(+;="Y*/I [5):-A2Y(;E6W*_O&7(E^2(9#0K8*^Z225(U_/Y\+=GTIM%R>M7FOYX5K-RL ? M.J/C2LSDC0Q?JBN'M\X*I5!S:;RRAIR#30N!%#C=9P3AE>E)O@T*M@%T8WM7ZZN/G_WAQ. Y,G\XNQA?OS] ZN_AT>7T^OCV[O* W%S9(__:X$S ?6W7R M!OLT86=;L _IW)I0>OIH"ED\MN_ SY6SV=+9T^Q%P#]JW::]W@YEW:S_ M[>M*OB]B+>W!>^#\KFVOG:2;N7/0*?:YM_IS_'$!P>Z_+4IY(38WXS($CKREH/ON!7 [*W_[+Z&/QD6AF,M"TR=EA,D56FUZ3]0Y+:4-+4:"E=F1D%,M/14.7NG"@F-!*&T)SNEI990@: M[DM*A4<%.?=']%[XQE^LYW^04;73Z91)MR>(H6-5_W#Y-5P^,PK M)S4,.<,*E50A$\%R*5*Y"N@LZE3Q>VQKR@#EDCM>7Y;.S+6['YIW[0CF.%UD@:M0%53ABLLFX^!%;*R7B$3I=0%LH+9-'OED! Q MPV[@ U:9?*=9+9PP04K?!E?O$*UU][^V?B"[E,*FEE;<'KV#@[C<[&XVP._A<)\^2X#YM381N]BWU#[IY\7([KY Z9E&3/BVA1)E68G[J(#(O*>3() L11-/"[MVNELC MED:#=H+"8I(XY4_0P,SD)AP,U&HFD@Q FRP];@+((ER!4!PS])XN$6CSPHQAMOCO+:O+D+5@>2F?K64F%7 HW M8Z$R_R.LL*#'RW-$A- M#"&W,P/U%FT:\U%08:(')&_]\9/L-3G8H46I\!O'NX(KU\-LZS[KMD8XBH4MI*$ZI16O=>SOO8NY>C166S/;1:V<;QK=; ZHW@6J+M=\\-9J58AG.^<.>_0_ M57@J9\H8%LL2&NH8)(F,4 B)M&ME[#198*-&=BS!Y9IR<<$T.-"'5%H\3JQ\M$*A=K*8(+C&'WF3=MWCTWK*S3UR(*NUOX2C65YY=VKRLG*Z&*I2U##]G+X1:PK#M$!H?-1F4W#4$- MCTO4W\]HT[FR\^!",)?0$E][>(O&GI_N!JNQJYO5.%THUL/3M>P<4L1FCDHZ MA6FW?;#?(I>N.NDEV"I>+R8VX+(2FR5NA]+Q /1/+:X/S0M/L+IOCOX%4$L# M!!0 (,:"5F"Y+'9#0@ 'P2 9 >&PO=V]R:W-H965T>7W@&!0Y$[,_//-"GFZ=_S.LB:+Z5I4VG(W6,=8? MIM.0K:G28>)]LGA2.%_IB)]^-0VU)YV+4%5.9P<';Z>5-G9T?BKW;0WS)W?][A_O5HV?0=M:2S=>A6;]M)^=T&VYZ-#D?=C3NS6D>^,3T_K?6*[BE^K6\]?DU[+;FIR ;C MK/)4G(WFAQ\NCOF\'/C-T#8,KA5[LG3N3_YQE9^-#A@0E91%UJ#QWX865):L M"##^:G6.>I,L.+SNM'\6W^'+4@=:N/)WD\?UV>C]2.54Z*:,=V[[,[7^G+"^ MS)5! JIM.GLR&ZFL"=%5K3 05,:F__6W-@X#@?<'+PC,6H&9X$Z&!.6ECOK\ MU+NM\GP:VOA"7!5I@#.6DW(?/9X:R,7SQ9?KZZN'ZT\W#_=]?G.I%E]N'JYN M?OITIL[CZ='\ZC3#!!Z=9J^XBJ9N]H.Y'=>UL7 ?R>:4/Y:? E]/.;]ANYB] MQ/TU

MF3\P?)&X=!MKX$CFQGSES2P]Z_39(528>-8@Z/.(5Z@4*R(WOC4Z.ZU)%MQ< MK[6_#:%3+'/A\,JH?V3J\[/.M_I9J)2_LXL_\(FGA'K2XQRX3\L&]Y^!Y+* M>5,TPN1!(77[%4]-'GY%(&X$XN!W;2AX^49X<7YJS1(LA?<3.^>^_1>/^GSO"&[;A#7=I/[^G9DTK MA6 RN,/$+++3\CBG,4HI!9I*6(517QVIISW%^D&(N%06.CNE5\6/IZL!VFMX> MV$..D!E%+2_UCS#JNE[\LN!)S(Q*TF(IE$ @CB3.L<40*!6-LFIVXA-)@C> MA%-T7E(MR/U,2 N/0E6DK1$1=81B,T*U$:&H(P0RPNR),HZ=2TG?"=R81RSF M:&;&$0(#> ?:FIWY0BG]P!7 F7!X4)+YLD&W*K8,]&(S@/C?6=SW: J1^)"^+ M0(MBRG=B*EY;3)"$.!'Q%#Z1!Y;ZVUIB7'L>3>'6TKBU?G4(I1),(9-LK62% M,(1/1*4\D=L*.3N6AT[79-W*M0F8PCMCTB7Y#N/\H#%%@!9Z(=E\PS8\'C:T MYF #\8+]2J/T6'<'ST'4HI5B&)_>@#71:G,"BF9IJ!KPM4E9*?[2]#&3Q+X? M#P[@#69H69?%1]05"4?# YAI$L/;H(C7CSAAH$H.G@5\&9!]TES$T&2V I? MEGL_FK+AN2<7R-@=>HHFI)$-EL;YKGT^>_9W<@ ?C%[4U32[S(_6YE7+_]*!MB#ANT+_*Z!X<3R:PH^U';=N/=K;]6ZFEQ^X'NMAJO,]H_&:;A[/GNK^: YN MA?7W/!V^\'38.*06R2I%)8+ZE,X<3JENWM";AFG J!4W#4."T][\>!Y-& MW6L5>Z&]=R!LW")LO!-A+3)>7)(TINIKD?S,UM?C-L#5/XK5X?%0 F#AXP& M8QM=231Z?O%L!YEMX"07/()04VH25:4UM'P#1:%7?S@&&M7%$8E6SBB9!10X M3Y]BC=7&$C&PB>:BF>-":LWFZ2"3+J$2\)UQ @^YI6&X^12"&XKYY0D]:5;A M:=,N^(U3WSK/JTV$'@(^)5AZ(&^Z+A>,^R),XWJ^K*?J'L_J:!*^P_XQWTV' MX^.8T7 83\:!5]9#ETC'4P8V87OMV_:T_6UP43^)G]GK'O8?A:5Z.9K@&8GVCR8TQ6S]6*\WWI3A@3PWGMH[+'/Z M?8.6&8B>&>/7&S:0_F(Z_Q]02P,$% @ OH(=6<8G>^+/" 01< !D M!X;"]W;W)K&ULM5AK;]LX%OTKA*?7[[FD)-M=Q^UT=H%$)BGRWG/? MESI[DNJS+H0P[+FN>^*8QIWTVG.BU$S?6Q;$6#-[E4-3>8JM54MTKPS!ZJ MJVDPFR73FI?-Y.+,KMVIBS/9F:ILQ)UBNJMKKM97HI)/YQ-_,BQ*E>%H87I MQ5G+5>}>F%_:.X79=*22E;5H=":D;ID1^/KGTWUTEM-]N^+443WIKS$B2I92? M:?(Q.Y_,")"H1&J(L?/H[@6546$../GN9D9$D'M\<#]1^M[)!ER;6XEM5O M96:*\\G)A&4BYUUE/LFG?XA>GICHI;+2]LF>^KVS"4L[;63=']P:"NFS<+W_N_M]? M!X+^0&!Q.T86Y7MN^,69DD],T6Y0HX$5U9X&N+(AH]P;A;_MWOS\RPU[\\"7E=!OSZ8&5.G=-.TI7#D*P0L4%NPGV9A"LYLF$]GN^2G0C)"" M_=)5<)#@/[OJF(6^QX)9$!V@%XXBAI9>^)*(XE$TG6"YDC6[!E8%5X":3<&NMK8*%8K]+K5=_<^:3CZT7[Z%#;O=,M3<3Y!7&BA'L7DXO4/?C([/(3^&M%' MAZA?O"\U7ZV46"KQ3)G@SR_6Y.Q!_%LV%4ET\[L1^F_IM@V8:!8+)3"+4M M?:6]OK136-HK3+/EFJV$7"G>%B4XB170>4PT&;Q3?1;&8QQC4\)G5X1ZH*I$ M*E=-:>QV#K*"+455XBTS!;3'4N!8254*\!#:(,3:$O8JH#9L8 TWG1(X6LNN M 9>>S'KFE0H@T1DUL1Q6Q9ZG7)=L!O92#.NL)3GR PB(TF_J9$UY,@AJE3Z MF&VI'5L&,J5FUL0-+2(C,L'38L.KE6!/-M%BA<1EM,>N[S]8YCOAZ]G1ZA/4/[V8,TO/IR^J9LDBJ"@K4;^$,I'AV"9N4$)"]8M$L MP'-Q@D<\F]%"E.#I^S2.XX3== HYG?E!S!8)"P*?^>&"^3-PCT)VJ4O.[GA: MYE!'&,R8/T]8A(UA&+(@GK'X).R1#%IYQ4ZB.9[AG%CX7N#3;.$3A"B]!Q%A M$I# ["?K'.Q2*&ECQF/O18X<+]AK7K>G[(-\%*HAY>%8,(_Q?/W#2> 'I^,\ MG,UW5FE^+6MH("U)71AV#91!+J99/_&O31.?'^)1/_#G,2A_^]3P,,8#4,,?]I$P[C61\B?< YN&&>MA$TF@./E\](_#BP"U$_H-O601V/7YHE=&3#:(/#\._[JC.UUO7-K- M%\'N*LU?=G2H8+X8=[N9[YTD\ZTUFAUV>"><@>V[62#CW_'N*^=\$@.\MYC;' MQ;[EM("+T6\X\WLD-DUX$1 =#(0XAH.2IK8%4NE6LE]%,I4X%B M=R=4*TP'F7=($A@]:7W?882J-QMTM]2I*EOCNO.^/L)&!8ID7/7Q-K5RR_K M/QFB:R$S7G4M2*#+:'0.RX"$.3UQ$0"L/ZA,']$.MBX[D96@:8<7T\&A@D_HK0 M5,JWH#P58NL=R0=B=.41V3&[!:?O,>0+$,:6"NW2LQ$V:4*ED-^@Z4%'()*" MPAK6Z%K2O^TT!OM:CR8%;';O9&1O*+B#V>D]Y_=VZ)^^ MA1PRZ]!K2;1&"H&J>V=2,A>:KF&$:?2:A[TX=SR(U'J$P5&9,_[(R\IU1\.6 MKLV@/^V:MQ:]9-;K5LLJ8P(-)T6J7 D[L TH-5KC^0I D%'UCDYV-)X!%5 MEU':(5D)1AAA&+(1(#MPU1#W,LMLFN)5M?:H;<6K1_A: M?X8P=RX3FX*;GBW>RGH)SW!OP&43IQLCO@Q=(O%5W#7+>\W@+"2M@@:,N^^& MP*OY&@WUMM/W"NY:MA6'0V21GC:9$DTX')64Z(*5HA+IP$I$D\&GCP_<>.+Q MQA,?O)/LOZ)YFZO;I=9TOQCG_RKYLJQ*LW8"TZ(2(\M%ZXE==D0[#>8!XN:QP M;R#Q07_?FYX""GFJ.H+CPWI9Z$4#LJI'9N,Z[92BS$08&]D<]?-W7^VA=AND M*UYQ7'0H.=[BLK*$B?J=5_7G\=PV&D@GU?:U"S_J$:E 0827"DSCS7"N(V; M0AQ%LY[(UMT'U4C;XMW9_3S]H\-"WWLL]A5:&P=/B+!LH,5'AUFBS6N:OAFP MA<;"86^B>?R6_2B5H%+GL*9K5QU<(+"R;DFWX;8F=A5&'7'$;AWA5Z XJ&_/ M1?1/IQ5[M20[U,X.8H\=OD,>>&0+9WDN:Y=N7OFS#1@B]=\HC+TCO@SC4(@E M8X@E!WVZ-Y8']J&'.X)IY^J=5>CMLBI7?=:Y>6[=-7G3N]WEC.@GO;2'V M-3B'46C;4ZEQ5[NU2VYV43T=YE&:8$(/QJ_G%?P!02P,$% @ QH(= M61D/44?, @ #08 !D !X;"]W;W)K&ULA55MM;]HP$/XKIZR:.JEM7J"4=1)6J9V4BD"MGV8]L$D1Q+5L3/;*>V_W]F!C$]4 M"<7QR]USSY/S'8.-5$\Z1S3P4G*AAUYN3'7M^SK)L63Z0E8HZ&0M5%"O#!=HOE&M([[\QWZ5Z>=M*R8QAO)?Q:I MR8=>WX,4UZSF9BXW=[C50[1UB!SO)I!C>1.Y0MBD+(RBTX+\3+RX&\TG MY^/18G(+-X\/L\ET,5K>/T[A=,E6'/6G@6\HC#7VDRWDN(&,WH'\#]2F%S# M1*28OO7WB5[+,=IQ'$=' ;_5_(ZX1E$0=0]@M=I-7<<7N<]S3E3>#ZF7*8PM8ZJTQ0R.E&(B0SL_@ZD4"=,Y3%[H[FN$7Z.5-HHNT.]#7Z,)UCTD8O_Q@A[.5?CDCIME*ZQ]#C$>=,H'YC*"]J&!XYI< M@XNK2P]4TWR:A9&5*_B5--0^W#2G?HW*&M#Y6DJS6]@ [3]_!=02P,$% M @ QH(=66*?F+'& @ ^P4 !D !X;"]W;W)K&ULA53;;MLP#/T5PEN'! CB2^Y9$J"7#>N #D';;0_#'A2;CH7*DBY%)B3PZQR(YVRK]8 I$"[M22#,/"FNK:1B:M,"2F:ZJ4-))KG3) M++EZ'9I*(\M\4BG")(J&8 M*O&39[:8!^._LS91MA;M?V">ST#AY-[U19[E%;-L,=-]"I]%$YHSO%2?3>2X=(]R9S6=K02:]BRT!.T"PG0/#^A&#Q8=W\3#Z>()OO^':/X6^N*/NRS8"0>6P_MY[Y"ZD&$%R4=N"++6)X"DQE0E5(-RF-*3M]U7R#D2E!_>48U MP>OK+/VX#"WCPDSAQM"(KUX>$+K.![1&G>B<0Q+Q]M/C-8*)>;< MMDF;/I#ATUOQ:-AV25'LO%'DG&00P:<\1S\HO&++&)K'[W5C.#OVV.%!0Y:HUW[L&$C51MJZ-YO=9K*=UPW]$EZ/Q1NFUUP:$)A3M;M0=#0+0]:BI';L]W]XK96E8>+.@Z8S:!=!YKI1]=MP%S;Q?_502P,$% M @ QH(=6>1TK[K_@ W 8 !D !X;"]W;W)K&ULC55M;]HP$/XKIZR:.JDE$"@%!DBE96HGE2'*M@_3/ICD(%8=.[.=TO[[MG9V0MA*@*HI?[OX_S^5\&6Z5?C0IHH7G3$@S"E)K\T$8FCC%C)F&RE'2SEKI MC%F:ZDUHJL(*+G&NP119QO3+!(7:CH)6 ML%M8\$UJW4(X'N9L@PIH?^2^9S3;.P1DEXAM)P4'C>A1W>0N&05-1P@%QM8A,.J>\!]%<$!$XU^%&=!'L>WXQWZ-Z^=M*R8MP6LE?O/$IJ.@%T"":U8(NU#;6ZST7#B\6 GC6]A6MLT XL)8E57.Q"#CLNS9 M9<'>98WS++Q4*LM:&=-:&[@I7IO(L>E^R@/5M,N)S\[GDV7 M<#>[_G$_A?ET 0^W5XLIG"[92]#Y,@PM'>$,P[B"FY1PT0&X/MPK:5,#4YE@ M\MX_)&%HUOVC';O(=!?O>B :T6V<0-/.$;QVK;?M\=H'*9,2RXW!N:HX2%E M&N'/UGQ=Y_>$]ZS'\Y=F8')68RC@.Z$0?V$P?CSIU:W^?4(V4Y-MG,_ M?;S 6,F8"\Y\!JLUV!1!%AEJ9I4VP&1*"2@5)4:Y4)E0GO*XW.6BL]B I/O- M9:PRA)R4&Z=\G]RCA/;+7=*!:R7H>E-@P;K4 ;\KK?%LB8;B0M0:/D9N ,M4M([[+)Y@1G_;6'77NCP*6J8+(M?H'9*Y$3:/?ZU$:]'K7=WB6UO78+)I[]UM]V3,[9$WV+#9:<#;0N,_3VZGZN M+(6!,P$$FI'^G5WUW%01.(QW06^_[F=[(@7G54B);(/$GD"KT8V<@$:_0UVG MT>T>\;E:ZMTC4J7=NP+Y'#-Q6'LG'CZZHAD13'LOC4JW7IOBHKUJMY M6??OF=YP;4#@FER:C&ULC5:;4ALY$/V5+B>5(E4$S]UC+JZRP2%L)4"!=_.P MM0_R3-M6H9$FDHQAOWY;&C.8,-Z\C"ZCOIQ6GU8?KY2^,PM$"P^5D.:DL["V M/NQV3;'BID#5:.D/S.E*V9I]>==4VMDI1>J1#<*@JQ:,2X[@V,_=ZT'QVII M!9=$K<$LJXKIQO$*M3KIA)VGC1L^7UBWT1TX.7_2_M5C)RQ39O!4B9^\M(N33MZ!$F=L*>R-6GW#-9[4Z2N4_M,/X+J^9LK]^!8FFLJM;"Y$'%93.RAW4<-@3RX!V!:"T0>;\;0][+,V;9X%BK M%6AWFK2YB8?JI097DV_C&[BXG PO MSR]&W\H8U#?8V?PMZ4.8!4<[,"0MAF27]F<,4R:8+-!X,)6Z1V(/@2#] K)B022JE:;N+L'@O/E9 M+C67<[+A!HU5^4V=+OM3TAV_LH'8 ;4#.BZ'MOK\FY=%59-43]MQG[36?2\MY/;1N^LV))DA%#Y]T*7/*VTM++*CEGH3'=4LS:S#U>)2ENZX@3!/(4USZ"7Q"U]> M1L"9CI+4CV&2T1CMQ_T0Z$((K$+W M;G2?H!3+:DG02=NS=2B&4I."D>;+2NZD8^]H/\4^H,==$A;.J0[T_%45;62 M'[I+#(K@;?,_LV,WVEB.Y^O7EFB;/,UY+>94-#-<^.*1N>==>TVNDK.'K\3? MB9]YKBBT,-^)^20_ZB![#7;]>YOP9WM,;7=,!B\5"*]'FCSZUXJS7Y'P0T-BN M8I?[_:1/WSR!$2ON2 +B'I_80)A'T*:PT2SDAH)?=?U,\DJA#B'."4VQ!F0 MEAA,_4,'CL,-8 MT\13),T;PB3]9HQC_S=-J>Q_N=:*ZJ:!FT^LJH_.((WATX<\"J.CS>GKL7'$ MF\JC#5-9W'O'U([TSMKTSG:F]UJN-OZANVTNSWGQ\;RJN'YV[S?] 37GFP6;9_B!(,ZP]) +'TII >7M8OJ(3!O@YD7%'FY3^#*'/3OV-+IVM$3]V>5KY'9]D:1_-'5U,@Q#-W77U.^[M6>YFF9OY?,Z;&LIFEI*2="1;;ZG7[T7=1]V=VF(QTMIFQ:LW6T;V&'3MST? M;[K?'TS/.15^@3,2#0YZ5(!TTU$V"ZMJW\5-E26]^.F"FG#4[@#]GREEGQ;. M0-O6#_X#4$L#!!0 (.:"'5GC&P=V]R:W-H965T MGCE=*?38IHX3X3TIQTM4FOS2;IOHA0S9@Y5CI)&EDIGS%)7)WV3:V2Q7Y2)?C@8C/L9X[(S/?:?KO3T M6!56<(E7&DR194P_G*)0JY-.T%E_N.9):MV'_O0X9PG.T?Z17VGJ]6LI,<]0M&JXD:%R>=&;!Y'3LYOL)MQQ7IM$&9\E"J<^N=%QV(<9$2QC]A5$Q"\)J0>AQEXH\RG-FV?18JQ5H M-YNDN88WU:\F<%RZH,RMIE%.Z^ST_.+Z\G9V;0RQON,A,UOV,N>!2&JL+RBMK@,D8WF*<<)G S.4'MQP-G',3"64*C?#W M;$'3*?7^V>:54NEHNU+'IXG)680G'2*,07V'G>FS\%X&]/2:/.I-$^Z=-9MDFA,F,48I'(9S@2P3!7.KL4#Y8[6**,';V.,AB>2N5G;S-BK:+L9-RF"])KQ M,ZJ!&5!+H-@^U+&%%9*7:6"I!!4(,X%-[QP"6?,I/":ANI 7:/PXDS*<],: M_E%9ZI?ZR"TD=;VF&71B\XKIN'Z?K>&>%@_]I[IP*1*_9[!*(C OA-/;@HM * MGD(8T&,T@BLR.H:Y12VN],E9G.ZIPZVIM3;[0R% K&-=PQ46#)D 7AEA%"N4L(%971I%#&M&UKQAH=3%+&+'<&'B-RF!(]1%2MF7B7GC;_%\.P9&SC?%XE^J_F 5E4Q# M07(I:UV@F-9,)KBI FYZ7-*><";>#QL+8M9%Z/-N6P['$2)YA/L\<&D?Y<)M M?'$2/T56+Q*]=AAN2PPD8D?YFQF#MDVA]YPMN*C*8./[1F"S>5J9 M-O>FO5]G1AOQ=VA ;56;ATUL<8OR:47YAC*1"]E+I, M<+'U==ZT6&=)HO<1L=T1;5R-LBC2!>D3#7<1&>GWO 6-RN-CX/TLFF X1XD M5&R>5O4B;H A_-Z(%_1POZ/1OIHQKFO&>&_-N%@N'<=VIS*=':UOEX';ZH0A M?GAR.K%T -5EP=]6.?:#\DI MDD'"%@.6NU2HNW!-5A_:R(3I3LC:LN_5H?!G+"S*-UJRP9-6%DV>J1%)?IO MK5GW?Z$V[TR1256!UW'"^]PQN7?@#\9EB>V&I2_+5]C;5F_[C=M;ACKQ=U1# MR4#GZ?(B5W^MK\&S\O:WF5[>H3\P3088$+BDI8#YW2>TN6]M.Q8E?N[S)9 MNEGZ9DI7>=1N HTOE;+KCE-0_SDP_0]02P,$% @ QH(=6>N"0[Q @ MD@8 !D !X;"]W;W)K&ULE95O;]HP$.:_RBEC M4Y$Z$D* A@%2:3NM4[M5A6TOIKUPD@.B.G9F.Z7MI]_9H1G3*-I>0/SO^?DY MYWP9;Z2ZTVM$P\%%WKBK8TI1[ZOTS463'=DB8)FEE(5S%!7K7Q=*F29$Q7< M#X-@X!6Z35;6N%N^YG^WL5.L21,XYGDW_+,K"?>B0<9M+EG%S:W[$%::2.+K9@<%+FHG^QA>PX[@I/@!4&X M%83.=[V1Z4@C2?3Q-M%.7"CWW!UJQH/\O>GS)%X\&]/2:/.I-$^Z=-9MDFA,F,48I'(9S@2P3!7.KL4#Y8[6**,';V.,AB>2N5G;S-BK:+L9-RF"])KQ M,ZJ!&5!+H-@^U+&%%9*7:6"I!!4(,X%-[QP"6?,I/":ANI 7:/PXDS*<],: M_E%9ZI?ZR"TD=;VF&71B\XKIN'Z?K>&>%@_]I[IP*1*_9[!*(C OA-/;@HM * MGD(8T&,T@BLR.H:Y12VN],E9G.ZIPZVIM3;[0R% K&-=PQ46#)D 7AEA%"N4L(%971I%#&M&UKQAH=3%+&+'<&'B-RF!(]1%2MF7B7GC;_%\.P9&SC?%XE^J_F 5E4Q# M07(I:UV@F-9,)KBI FYZ7-*><";>#QL+8M9%Z/-N6P['$2)YA/L\<&D?Y<)M M?'$2/T56+Q*]=AAN2PPD8D?YFQF#MDVA]YPMN*C*8./[1F"S>5J9 M-O>FO5]G1AOQ=VA ;56;ATUL<8OR:47YAC*1"]E+I, M<+'U==ZT6&=)HO<1L=T1;5R-LBC2!>D3#7<1&>GWO 6-RN-CX/TLFF X1XD M5&R>5O4B;H A_-Z(%_1POZ/1OIHQKFO&>&_-N%@N'<=VIS*=':UOEX';ZH0A M?GAR.K%T -5EP=]6.?:#\DI MDD'"%@.6NU2HNW!-5A_:R(3I3LC:LN_5H?!G+"S*-UJRP9-6%DV>J1%)?IO MK5GW?Z$V[TR1256!UW'"^]PQN7?@#\9EB>V&I2_+5]C;5F_[C=M;ACKQ=U1# MR4#GZ?(B5W^MK\&S\O:WF5[>H3\P3088$+BDI8#YW2>TN6]M.Q8E?N[S)9 MNEGZ9DI7>=1N HTOE;+KCE-0_SDP_0]02P,$% @ QH(=6>N"0[Q @ MD@8 !D !X;"]W;W)K&ULE95O;]HP$.:_RBEC M4Y$Z$D* A@%2:3NM4[M5A6TOIKUPD@.B.G9F.Z7MI]_9H1G3*-I>0/SO^?DY MYWP9;Z2ZTVM$P\%%WKBK8TI1[ZOTS463'=DB8)FEE(5S%!7K7Q=*F29$Q7< M#X-@X!6Z35;6N%N^YG^WL5.L21,XYGDW_+,K"?>B0<9M+EG%S:W[$%::2.+K9@<%+FHG^QA>PX[@I/@!4&X M%83.=[V1Z4@C2?3Q-M%.7"CWW!UJQH/\O>GS)%X\&]/2:/.I-$^Z=-9M0 M<^.7-;,X E$65I-LYS\[/AMAKI[F-W/ MYBM8_#29+VSROX7%Q^4*3F=F\^7=QWFP:*W86]!I#V-+ %R8>!.23>MDZ0O)MKN%>2;LW,),YYL_I8P+>H$^/Z*?IQ8_5](#6?(&TF[:NQ O:U8C\_&REU8# M+==(>\["%"5NN37PZV1MK*;=\]LYPG6\WOEX[D3=F))M?WJ*DW2]^OC;D*F'8Z\TD3*4RI1PP.@45TYP)$,H8GR$EO$=\ MQ^?OVN7=*?<'*' M%:AW_J8V%+>2MK[.FM'F8V!2WX%/YO67Q#W3.TZ;0^"67+N=P;L(='T[UQVKM2G\CKI6E^]4W]_1!@]H9T/Q6*7OLN 3-)!+X3U!+ P04 " #&@AU9T9^< MT>8% /$ &0 'AL+W=ODB0$G3;!9Y&(D;OM0[_MT1:W-*F25!SOU^\,*2MV*@LIM]B$T)9%G+F=F.,SI2IL?-N7RASKC*+W-MELSA MHUFT;&8X2_RFI6Q%[7:_M61"-4:G_MWCYU[J10?&+ YLLE,^MS+O7JK-%I M;%X\B$7JZ$5K=)JQ!7_D[DLV,?C4*E$2L>3*"JW \/E98]PY.1_2>K_@J^ K MNS4'LF2F]0]ZN$[.&FU2B$L>.T)@^//$+[B4!(1J_"PP&Z5(VK@]WZ!?>=O1 MEAFS_$++;R)QZ5ECV("$SUDNW8->_WJ$%VMI_0BKL+8?-2#.K=/+8C-J ML!0]_++GP@];&X;M/1NB8D/D]0Z"O):?F6.C4Z-78&@UHM'$F^IWHW)"$2F/ MSN!7@?O7MY-QW?-P7UW?CNXAIGUW=7]P^WX^GU_1U\F+*9Y/;@ MM.50(&UKQ07X>0"/]H ?PZU6+K5PJ1*>[.YOH:*EMM%&V_.H%O"O7!["4:<) M43OJUN_=E=8?>;RC/7B?A8VEMKGA,.7/#LZECG_]_',.H/Q\G>5R0&Q6XU(M.71B,Q;SLP8FB>7FB3=&[]U^NU/-?IV2WV[=>BC"V;3)L0X O^9BRA._?/6M;9E4:4RNNVIAJ'9J52B!?ZY(ON(^=GG&S>7$$'X3" MF)82T],> %[E%_L^P,ZS?Y1A+]1LSN(X,&5&*%BF6.$X02T2U$$LY;CQLX M.GV8:L>D7_E6O6VJ5XK0$ RL8XYC'7*@Y^'S'$M9H57W.&@U'$(-O[V2WUXM MOX]8W** 3/7$@-$]4X+R4<>.)?-);B M*=;+3"L?V$BSS@U(T@S?6W<"T]1POE,WX0X%[[XI6=]ERU/T,MLEZS[CACG2 MZD4<.9D\W.GB@#S@T(:OJ*O7>V==K_@+ZWOPF&>9]&GA60OM03BII:?8:6^; MWA5K8<4P&FSA)'M29]T^4WRER-C:)R5*_E4(&A(%:WR;\5'//^9H2U$6],QA MNO+J!7_&.%4+7H6#"Z58>+-\=$=AJ(G%01F+@STAJ,"$$T2L9E#EXL]!%CD1=M%M/D%S6\Z>AI;2C^5*EB..W8WR4+F3.UP\$X666%1]);Z[0-=Z$6"\4EIOD M$,;4]%(D;65E<:.]\E[A@R:L4A&GA+-]JKY_-XRB]]?B4?C0N1 Q^B]@$.G0-2]I4*OJQT]ZF8'P3$ILTHYZC'8:Z76R.GG_9U(FH MT.^57U/6AF59&[ZYK-U[_C>MR]A7WJKJ58NXIWIYZ+B +HKZ;W4N$\,S)I+- M7G+"D/PY[$(E>-0>(M?#HDG154OP>/3!U.U5GQ"MK4O:DF/6TU44BZK.E0OW MM?)M>=L=ATO>R_)P5:[%HB'Y+B)"2))\CEO:AP-L^4RX?H8'IS-_Y9MIAQ=(/TWQ MQLX-+<#O&PO=V]R:W-H965T+.?&N/Y('22;I]]>7:7 M>YPNE?YF9H@6'I(X-6>UF:7SDV:3A#-.A#E2*/!+))$Z,=SC-7RK.;5BA>WJZ0/_%^4Z^C(7!"O7_*2.[M.ZOU:O#A1"QB>ZN6'S'WQQD8JMBXO[#,]G:#&H0+8U62"Y,%B4RSNWC(XU 1 MZ+>>$/!S =_9G2ER5KX75@Q.M5]"YMV$Q@OGJI,FXV3*I-Q935\ER=G!W>CZMXK>/UY_>7][>_027OW^]&OT%]9$8QV@:ITU+*GAC,\SASC,X_PFX8_BL4CLS M<)E&&*W+-\FTTCZ_L. +FUO[T(?W%%%1HL8Y21A&"Z214S.1'!M9ZBW.U/_I,QV'G>KMNIB)=(H&)-?-2I-RFL(U33%I@/&C>ZM2CJQ((ZK73,**!\#)A&K0 +40("Z M-*+;E9):2+*.0P1A36EF8YXTD5";S<$Z+GS5:J:-\F,\%-O #(V5%3 38A=."25MDVN-&2_&/.98@0:HPD0=4I@HF,8U)- M2$/CN)MK&4/0RIT\@+K7\QM\#WH]=^_RWWZ7E^WN<2-G>#WN,F>8U3?(38HN M4MC#6!@C)S)TH3 0^/#V3=_W_'<;=_HT3-0B)3-79RQTGT1*WYOPW$/_/ZK\^YJRCU M*4K/$1)41*'N[^,CN=)? 5!8_.74;%6'AD17B>3ZW8J_F&EP1ZMRM!WG&[RD<75;^=Q]382O.4_41J^D^SGC/2"E:3GMM9QHI_TB2KK>IN<^E_@/*(**62T]VS#JM1'E_+D>2_)&<^O^$&!['FQK5?QP ML6.$Z)0C1&?G[_KM=]$N@K??.+%MCOA_^LR^;+FI0J96 0I-8\+T=<>']VB% MC V(,=NSES'E?&.VI^%$]V0_I*&;AV@'1PLDS:,\9YGJ9$]'+IT';.379Q\'4H&X\R::Q4M>)3;UIKX MNJ/C%9%U"%.](4W#$5,@(CJX2!ZJ&7U#AJ_SHN1(P[WD0:WA^,Z+B:?(U>]]MC]8\XI%!E>\O'/I.'(!8F^I<4ZAWV$1G9Z?H:T6-%PWB$%(2IE(GRX)]G.%& MXL#[C$NM=M.?:,S<;()%&5"&2!41/458#ASB@8OG@?L9V #=UD&:E<-C@GKJ MCLB<[I3BV3FR?%N>PH?9X7.U/3O"?Q9ZRI-SC!,2;!WUJ#GH[%B*!%93_FQC\!U!+ P04 " #&@AU9X-2>&I@% M !S#@ &0 'AL+W=O+YD#BW7TH]H&6QK90271)*L?^^IVACAQPG!;8?3!- MD9SA]\U%\NA.JF]Z#6#8?5E4^GBP-F9S,!KI= VET/MR Q7.+*4JA<%/M1KI MC0*16:&R&'FN&XU*D5>#R9$=NU*3(UF;(J_@2C%=EZ50#Z=0R+OC 1]T]?Y M:FUH8#0YVH@5W(#Y8W.E\&O4:\GR$BJ=RXHI6!X/3OC!:43K[8(_<[C33_J. MF"RD_$8?L^QXX!(@*"UI$'@WRV<05&0(H3QO=4YZ+!9WLY%%^:LP8G*DY!U3M!JU4<=2M=((+J_(*3=&X6R.=B48*>.QH9W('6C=)6VVFCS7M%6\+.9676 MFDVK#++G\B-$UL/S.GBGWDZ%O]?%/O.YPSS7"W;H\WNZOM7GOT875AA1AEW# M1BJ35RLVJYK(IA#Y^@67LYF!4O^]C7RC.]BNF]+G0&]$"L<#S \-ZA8&DP_O M>.0>[D>],B#7=HGUY#**LV+O($JE\CA%JH:V%+)DK7$-#.2G.SLYO/;#K#9BZ-*%Y^_M#O,*@[HHD)'>ZPF]9W$PQM8?N]ARQ^/TE? 8VR *[)@?>QUGEE>I+%L[8+52

MUD(:EWD(X#T;DX27D YO')%T2/W]]D%^?O_H> YH6I1&,K;+DD 2F,.2?QL%'F12';$65A'V7A3T;998,",^5*R65N MV/"+U.CTOXBZG5A>BSJTCBSP+"%(QNZB6M!
..@GRF:WG9,]?-UB_? NQH Z M?,W4R$36JIM= %8'P'WN03M,Z%8U9 =L2_SO"*QY#\[Z;GP\]+T]-O3&V' >VY;OL9.2ZN,_?1B(]'N= MZYP^/RHHK),7HA!5BE8?
^IQ4^"3L1MB.2<.C!!-5AH@-K!]<"$!CT#02M#Y, M[+Z4/]JH.C6U(KHD)LT:E&Z6<4(:N7O-AK.M)GCF)31OR'QD'[D^VL$-.$H9 MP&CJ4XTG:#*<9UAL^CFX)_L (B1BG-!%U
O1/I<$J),>MBOW'%;A#8][C =8 M7Y@7=_!>C2#R%2BPLM7QDX?V%2DZRZEMZ7KSAU_/%WM+!6--IK1*!9K MUD$J6TB+!P8$J5UW\"*)+E,C%^B*=N#G"O7-\
[VI#D=Q9.MS8NOUV(E"SXX' MO#F&$H_^(\?W74:\, 3P&JR!\Y(*NIQAF+"*"D+9% 38YN0^&$9/,GV2@=NP8 M/[301);94;1* GC]V6=O%-<7)-M*V93<9NQ-%
[U1Z1[K6^^7S@^-W<^$7MNR MD%('D-^M**S5N!/'Y'I(A*#\(JO51TSE$NG=8CXW9Q1WQWAH/IG$RSLHLC F M9[=A-([QQ[%ZI759-W5.O*B%L]T 1E2KG&[*6"*<(
BI5"!*K!:/>Y!J-"$@ M3KN21XEU#_<.V57[MNG+7 ES?/L7.A5CF>* 4L4=3='^-AK9HG3O-AY,8^ M*Q;2X"/%=M?X*@1%"W!^*3$:VP_:H']G3OX%4$L#!!0 (,:"'5ES)%_4 MK (
,0% 9 >&PO=V]R:W-H965TC/!@?(F"'2,G[N.)TFI0$>KO?L]]:[K(@$@>6N("(54U.^_8([/U9@RIFTO[#=O;8<2"NI>+X#:P4Y+>HO>=W0&@>4<
MW@[@6=UU(JMR2!3QNXO09AHS686UJI%:W&T,']*HH2^I1JG_/%3.'V*PN=+ MZ =)E,#X'B;3, GC63"+QC$$\1"2^6@43+^9NR1ZB*/[:!#$,P@&@_$\GD7Q M
TS&C]$@"A,X'Z(BE,D+. -:P(@RIFLONZ[26DU&-]WIZM>ZO".Z/L&(%RJ3 M$!9+7/Z+=[7'QJBW-]KW3A)^K=@57+]T4\-KR=H[P MADD$#X)7)20!_(:ORE! S O=-H(H6]PA*E*>
(YR'K[J3)%Z\58R3.4QCWLF2 MI-AS=.=)%!MT_/?OVK>MSR<<=!H''W.RW+&>4_N"/G*I'UJ@E*"+2I$%0U#HM(W6J6YO*3*^-W^FZFT-U[D%GY2C6=GY(2'E5J+K)FM-F1
5U9_X-K^?; MB(@U+20P7&EHZ^]#SB[JF5%O%"]MGRZXTEUOEYD>LRA,@+Y?<;[V&Y,@&=S^ M'U!+ P04 " #&@AU9V'4,;&@&']/P &0 'AL+W=O=?5", M
$]MBTHBEYW\2O9#K[@".B>[DL"ML]W)/QA)!WI_(&R[WQ%B$"/<93PB]9* MB/59N\V#%8DQ/Z5KDL@]"\IB+.1;MFSS-2-XG@;%4=OL= ;M&(=):W*>;KMA
MDW.Z$5&8D!N&^":..7NZ(A%]N&@9K><-M^%R)=2&]N1\C9=D1L37]0V3[!I; MRCR,2<)#FB!&%A>M2^/,-[LJ(#WB6T@>>.DU4EVYH_2[>N//+UH=U2(2D4 H
M!);_[LF41)$BR7;\R*&M;4X56'[]3'?2SLO.W&%.IC3Z(YR+U45KU$)SL"; M2-S2!X_D'>HK7D CGOY%#_FQG18*-ES0. ^6+8C#)/N/'_/HA1@FB\$F'F M>6A -P_H'AK0RP-
ZAP;T\X#^H0&#/&!P:, P#Q@>&C#* T;U@/X+ >,\8)SJ MD)V_],1;6.#)..:,/B*FC)4V]2 U*H^4Y#Q,E^TPPN3>4<6)R.?W]JS_SO_B? MKV?
HLX/LF8_>7F/&L)+P'7IK$8'#B+]#KU&8H$]A%$E'^7E;R.0*T0[R1-,L MD?E"HB[Z1!.QXLA.YF3>$._HX\>:^+;L)+;GYG//KTPM\)K>GZ).]P29';.+
MOLXL]/;UNZ9^Z3& ,:)3U#523$^#L?9@<'(0QCZ\-;I..3"=9A>S?_*+O#(&G0]-JD+"+$B8#0ES M(&$N),R#A/E L(K+O:W+/1U]1_(L0"C*QV@YVO9]>L?CX69#Y[-
Y\YK.9S=@\QC+HBD&WRFA(:-4F M$E8D&6XE&6HE4?,FE']-<NFX301A\K!"3,@H39D# '$N9"PCQ(F \$JV@[MVFH[@I^RC"!=AH19D# ;$N9 PEQ(F
<)\X%@%9?'6Y?'VDMPD\LGR%XL2+J@ MBBPLB!H_EG8WV:U-ICP5Z V'=7^U;3G:7TB:#4IS M0&DN*,T#I?E0M*]_9N&O^$BQ'<109?R0EP: M/B"_N&+5S?0:M5('2;%":
TIS06D>*,V' MHE5=+PI6AKYBU3Q43A=OT0T+ X+^V5/TS>T%+5F!TBQ0F@U*,W3*.62LC6J 9;5": TIS:$H? MBE85N"B3&?
HZV5$"VY@ELB0V:TH6A5D8M2GJ&OY5DA#^@F$8BI%>-JOL*BNYO)"^X?]*,#I3F MMV]PO/Y@->]8)5 K+J5E-L.LCX)!"WF@-!N4YH#27%":!TKSH6A5=XMZG]$M
ML32NLH4E9V5*S()5.K>SY" BHFMU?*/$H_W3.-#J'2C-!J4YH#07E..!TGPH M6E7@HHAG'%C%JXPB5'%CR;+;;FY))*_+ZEZNCP5 *W.@ M-">G5>X>JMU=Y8)F]$!I/A2M^HQ
48 S]06XG[GY2X\\UK^<5O:O=C.H!9K0 M!J4Y#*,'V'HE7U*XIFIKYH]HL6<"VR($P=\04_[EO-S5M8.8&U M\L!4WXMCQP&@-
!N4YH#27%":!TKSH6A5\XMRFZDOM_TB\Z]I$FRD^G)V5]I_ M@CZ+%6&-^IL[^AM&O^[_D'UE2]]=X^6&K0>M[_Y[OY#/- V^5"TJGY%Y-ART\V,.6LP"I3G[F^_N
MA0#;9,/1I8T)6Z;/87.4K@=E3P)NMVZ?]:Y,GW"N;9\9[:1L-TQ MSKSL2>X"GSU8_@FS99AP%)&%3-4Y'U<[>"+I.'^2]HT+0.'VY(GA. MF#I [E]0*I[?] 3;)^8G_P)02P,$% @
OH(=6:3Q$K2[!0 IR$!D M !X;"]W;W)K&ULM9I=;]LV%(;_"N$50PM$L45_M)5UBP(G;SD/3>G6[70R[H*5C6RLEJB1E-_]^I*1(UH?9"F!N$DO6>2D^)JE'
MLF^.C'\5>P")OH]O93QZWY?>'L(B;AD,43JG2WC(9%]D^_Z(N9_+0H MI'T\&$SZ(0FBWNPFW;?BLQN62!I$L.)()&%(^.,=4':\[;F]IQV?@MU>ZAW] MV4U,=K &^25><;75+U+\
((1("Q"'+:WO;G[>H&O=$%ZQ%\!',7):Z2[LF'L MJ]Y8^K>]@3XCH.!)'4'4OP/< Z4Z29W'MSRT5[2I"T]?/Z6_33NO.K,A NX9 M_3OPY?ZV=]5#/FQ)0N4G=OP=\@Z-=9[']$C_HF-
V[%0=["5"LC O5F<0!E'V MGWS/09P4N*,S!3@OP/6"\9F"85XP_-F"45XP2LED74DY+(@DLQO.CHCKHU6: M?I'"3*M5]X-(?^YKR=6[@:]3L_G]GU^6Z^7GY<,SS0_1 XOD7]
WD0]^2_W"7']MJ.\K% 4/ ,3C#AL#/[##)1H,+Q >X&%; M?\SE\YA?HN$@+1^U=<=<_D="5;G;5E[IS;#X=(=IWO#@I810 -MR?G=9W]@]3R]"KT5,/+CM]55& #]
; ;K+^YD\%L;*YMA M"TMA%8ZC@N/(E#Y[QYA_5(.\C9BQLBLQFV&++&R2ANGU_S";CM28/K2 &!<@ MQD80;]9+](ZS)$;K>1L,8W57&#;#%I;"*M0F!;6)Y6DXLF5J
M'2AY3&6DU+&8F^K*Q59:%^:,*;L$0!Y+(PA$MFC*WWEWD $V^#,M&I*L(,: M$\NJ!MM*JW(J1=@UF_ "MJ"$SU3Q1<^9'=)I^ZS3NE,P- M=L;S'(:+2\/%9L-
=P*;UA@@W[=:!]17$G-V9Q'/8+2[M%IOM]A-(I2@AY+>+ M,1/2X>4^TT4(-VW7F=99695=6VE55J7L8K/LOF?1+GM$3ON/TT+=NJJ9VZ[M,ZGGT&!<:C V:W"V_-""UX_X-
&58790:A*S*<)XV:?],JOTN%1>;%?<#R)^1 M?]Q\LGL];4P=JYIK*ZT*IM1<;-;&PO=V]R M;W-H965T==N)_Z;132YY!L6JW>67$14JE.Q:B<;P>@B"XK"-G:<
M7CNB0=P:C[+7:L1XQ+;&Z'.VJ7*(HA8G 0\1H(MKUH3]YU'AFE UN*O@#TD>\ M?@L69AD?]%#WK;?:R%_FT@>%<'J"](@ MSO_3'$E[O^"W\TP
+@+PJ0&D"""G!G2*@$Y&)A]*QL&CDHY'@C\@D;96:NE! M!C.+5L,/XO1SGTNAW@U4G!Q/IG_>SN:SK[//UW/T>A9+&]^"NY"A29(PF:") M_WT;"+9X@UY[3-(@3-
Z@M^AV[J'7K]Z@5RB(T:<@#-5'F(S:4EU0*MOVB\[? MYYWC9SJ_YKM+Y) +A!U,*L*G]O _MN$E(FX6WJD(]^SAGWU9AA_TWE842Y2X M1(DS/?(*6=Y+I[J7- ^\2S;4 M9U4D&
(>D)A!K5=2ZS62G'J0="'%/" Q@VZ_I-MO M)#GUCU)%I],WU]34>B5UH0&)&= &);0!? X;'&64_822$[)V6Y<0D)A!:%@2 M&EH)S6)T([C/U.3YHL2I\->
(Q@ODL9TJV#>]_*Z<15;1NFL44LP#$C-@NHXN M=9U&L7O0?>JFE9MYVUKX&6XMZL'5<=&/Y,=$W3%T&W"EML0?0R6K!*EO=\>>E1E5-4-CJD]LC9?(#63[]Z. MB-T"3;,-
+"):08"%-]_F2=;"IO*]C%ZJ]ZP&[[7$.FX.US<'-V!P,;G- U3PH M-1.QMCG8;G/ ,BCH%@L^MDW=P6$A5-&HX_2JZR"L#0RV&YCJA7M")637K4T MU-% J9E,M:/!S3@:#.IH0-
4*#43L78TN!E'@X\W8M0U'E9"H#LQ4&HF.6U\ ML-WXG*\2LO=KJX1 ;1"4FLE7VR!LW\IY3_U[928K"8$Z&U U#TK-_,F'=C:D MF1T; KIC ZKF0:F9B+4%(B]8(*C?
U8#NV11]^PF8'8^%6W<877A0[1C(7;' M4JS3$RH=NU#M 8,Z%B@U$^+>3[6:<2P$]L=:H(X%2LU$K!T+:<:Q%-T8BZA[M4.C8+Z4VN'-LS1#M;
(C=V9RMT'FA7_)\H6./K,WW'"Z':)=#K"7^^*N@"Q91 M<9]DF]W9*,JF$3O%/=]U:R]X4&L#I69RU=:&])O)]":-:!]'I2:B5A[(/*"
M!X+*]8/C^^B'*174VT"IF=RTMR%V:W.^E&KO%UM2*]@+@E++^;:WGM9(GZWY M1.4JB!.4LJ62=R[[*H&+_'&5_$3R3?8 QQV7DD?9X9JIM"K2!NK])>?RZ21] M)J1\:&C\/U!+
P04 " #&@AU9"XD_YU.# #B"@ &0 'AL+W=OXX3VGE"]!6/JK4[M'H]8*3-"\8Z#*/,\X9^GF+'#V'*MQX7W9+N3>L&.1T6RQ17*^^*,JYG=JJQ) MCE001H'C9FQ-
W.M%I$5X"^"!W$T!NWD@;$/>K)"M!22Y0U919 36O\GGYH\'!&4CIG@-02O2PB>(/@-P7_I M#D%#"%ZZP[A5-;MVGN5N'DBDWC$V0&X1BLU/:BR7[%5O@C5=;*27'TEBB?C
MR>R/^^5J^>?R]]L5G-UQ!E7^84GK&E2'>0YGO8O"=B M\^&&4;D3L*!K7!OX\^?Y5_P;96G-EG>8[*FWK."OY79 'SW CS'"PSQS%Y. M]TUVOF_WQ3?O?I(.OZT4VQ^6N*+5Y)
[.0<@_8<@^?4XUOU&"'<(RW1= (U..S(^M'9QZ[G M1B-[?YQ9 RAPKDY!\S[(#Z^\4]"B#P]*&Q!)PZ'K5H8.)=#L[FP-1>^T!P4R.L[6-W+TT20U&2W5HN.K0R\
MKM\^R!T$8<=P'Q0,7+?CV 0*7+/EJ+4(^R!E>M@Q MW0<%@VZE+TP@_])CVCYZM'/DVZI;$I"RDLKZ%FY7VX9L4O4AG?6I>SUS#>MS
MU<4$5_=;_\G7W=Y/P+:$",MRHK9Q!I.J2UQU5/9&L]%]&!R95 U(-=ZH)1:X! MZON&,?DXT1NT;6W\!5!+ P04 " #&@AU9"Q%X3W0# +#P &0 'AL
M+W=OA+U@36V+2G)HO_U)LG%M8CSEQG,O8,G;_^[^+*^UXSWC M7T6(*,%['"5B8H52[JYM6_@AQD11;6^PXDL 8Q9M=##H#
M.R8TL;RQF7ODWIBE,J()/G(0:1P3_F.*$=M/K*YUF%C2;2CUA.V-=V2+*Y1/ MNT>N1G:A$M 8$T%9 APW$^NF>SWO&@.SXA/%O2A=@TYES=A7/5@$$ZNC(\((
M?:DEB/I[QAE&D592<7S+1:W"IS8L7Q_4[TSR*IDU$3ACT6<:R'!BC2P(<$/2 M2"[9_@_,$W*UGL\B87YAGZUUAQ;XJ9 LSHU5!#%-LG_R/0=1,NCV3Q@XN8%S
M;.">,.CE!KU?]=#/#?]&3):*X3 GDGACSO;]6JEIB\,3&.MTJ)>?NXKR=5= MJNRD=S/[ZVFQ6OR]>/@(#W>P7*QF3\M;>#-'26@DWL([>%K-X";UI*M2,$'#C?TNI
MH.:M^/)!S<%"8BS^]0EQFDGVZR5UR;@6.^+CQ%(U02! 1LM[_5MWT'E?AZM- ML7E+8A64_0)EOTG=>R0_5&62 B3+:'*$ UX4%_!1E5.V@1D1X>%^4$>WT%
[]+X7^ZF7Q&E5KUZPQD'/W8$MB%6;=SL\37^<_?Q-R M4[>$PG6.4#3+G\NB+;4JC-+QM]L(XT&&R-7!5I)D2]<1 E%;1]8=;Z>Y4GF; M]-QC-
HW>SF;3DEK&QBYU"3'RK>FV!/@L361VZBYFBX[NQO0Q1_,SW>F9[N.G M3-8FWA.^I8F "#=*LG,Y5!N)9YU7-I!L9WJ1-9.JLS&7H>I6D>L%ZOZ&.,7D8 M: =%_^O]"U!+ P04 "
#&@AU9*/I_0'8# 0#P &0 'AL+W=OUG9 F3$C+*MHO$%_>U_83Y]AGN&?\BX@0)7Q+ MXE2,K$C*[8UMBR#"A(A+ML54M:P93XA41;ZQO98C"8THB6VWT^G;":&IY0]- MW8+
[0[:3,4UQP4'LDH3P[Q..V7YD.=:AX@/=1%)7V/YP2S:X1/FP77!5L@N7 MD":8"LI2X+@>66/G9N88@>GQ#\6]*#V#7LJ*L2^Z,]'5D?/"&,,I+8@ZN\1 MIQC'VDG-
XVMN:A5C:F'Y^>#^VBQ>+69%!$Y9_"\-932RKBP(<4UVL?S]F\Q M7Y"G_0(6"_,+^ZROISH\R%9DHO5#!*:9O_D6PZB)% ^]0(W%[B_*^CF@NZQ
MH'="T,L%/4,F6XKA,".2^$/.]L!U;^6F'PQ,HU;+IZE^[TO)52M5.NF/IW_MS)?SC_/[NR7F]A!/M0T&\H],=0UW+)41@)>I2&&5;VMIEW,W3W,?>(V&K[;I9?@N!?@
M=MQ>W7O^)8\OH>N!-=X]<]X3?9"54C!(R#KSLJJ/DL/KU7 M=3"7F(C/-5.<9):]>DL=,VI$E@0XLE10$,@?T?+_>.;T.W_5X6K3;-:2605E
MKT#9:W+W%^2[^DU2@&0938YPP(OB NY4/&5KF!(1'=K#.KJ-HYQ+-S/K&S,= MC1_]_D#MF\56@O&KHWF!@3J%$<=G$K-=7";!RE.QI-'8Z/^
M7)XMF55X7A<\K_^76'_])'XYSJ :OZ:-.SD76DMF%6A.Y^>UK_.?SX5$;F@J(<;TL.Y<#M9%XEGYE!Z@VM>,R4-!#U D MP?X/4$L#!!0 (.;"'5DX:0XIZ@H)AY 9 >&PO=V]R:W-
H965T M<"IJE97PV$Y?4H72?DV7Z7+^F\>\F*15/6WQ>.P7!5[,ML< MM)@/V6@4#1=)MAS<7F]>^UC<7N?K:IXMTX^%5ZX7BZ3XS[MTGK_<#/S!ZPN?
MLL>GJGEA>'N]2A[3SVGU9?6QJ+\;[BFS;)$NRRQ?>D7Z<#.X\Z_DF#4';!2_ M9NE+>?"UUYS*USS_K?GF_>QF,&I^HG2>3JL&D=1_/*?WZ7S>D.J?X_<==+ ?
MLSGP\.M7^E\V)U^2S->D3. S^3^S6?5T,Q@/O%GZD*SGU:?\Y:_I[H3"AC?- MY^7F_][+5AO7XNFZK/+%[N#Z)UADR^V?R;?=A3@XH.;0![#= .$.P."$X=(=P=L#GUX?;<-
Q=.)%5R>UWD+U[1J&M:\\7FZF^.KJ]7MFPF MRN>JJ/\VJX^K;C_)7^7?OTCO!Y%6238O?_3^['WY++P?OOO1^\[+EMZ';#ZO M*UI>#ZMZN.:@X72'?
K=%LQ8T]S[DR^JI].1RELZ(XX7[^(GC^&%]FOMS9:_G M^HXY@;^LYV\][K_QV(@%Q.]S?_KAG#]=_V]T>?;HVL7@^\+S#8^W\$16)H^/ M1?J8:'YA\P?O4_J<+M>I]Z^_U5+O?
94NRG]35=]R YK;&-M5N4JFZWW?_*CT4_4)4?"!!(F03"M..&^.(&+?OM:BH_\82T>..]7T[GZUFV?/3NRC*M_YMY_TB^417;#A9M!FO^Y7B^]9D??P^?
M#RM!B/B8Z2)ABW@T,432%@5^R/T@X_WU&#NOAVS6ID!S>>TA] MUK/Z"A19.C_%2)S8KG,5*1-(F 3!M-I,]K69]&0D$V1QD#"!3A$D03"N.\/U(9 M871)*]F-=OCKS>.1X26$*
(@"PTP(D>']IIM0*AY.:#OQ#Y*3?])5*=)I_KC, M_EN?<%)YB;?*LV751*>J3M3D^3NY72(_*C?YIP?&8]YP=J-SC M=Y[?2)J TB2*IE=2)5Y_W)<%04,OE":@-
(FBZ252P==W1C>X!4V(18NU_K%% M?!*:%F2+)]%O.I MJO-72#L04WF3G98W#QPH?TZ+UD#EQG6=K5":@-(DBJ87 M1D5>YO=D* R:>;$T
:5)%$TOD,6/U$ADYT6,BD_.2M$N4HS-C29*9'J)($1A&)B&8XN"2-5/!DIT6+%L, MY^SDY!ZV\Z2&;IQ":1)%TPNH,C"+^_(=:+B%T@24)E$TO40JW#+W?B[:=\;V M\H29MF-K;->Q-

Q17[;_C9369*YL^1=6N2;*_[&$^E#NBQ3[_MDL?K) M^[DQG^4B75;DF4/W4*$T :5)%$UON%.QEH]Z,A4.#;A0FH#2)(JFET@%7'[:
MGB[(5':CZ8TLAAG<$R(^,E8\@A!9_3>2$$U82WKB*E%R=Z(\P5;."E'N83M/ M:N@>*Y0F432[@ >=OKVU^F]?;'-OMANWSYR+E9V_ZZY#7Y<(HY+I%.B7PN5*[D[5S8+F;28-
BZBKVG(,X7N MDT)I DJ3*)I>%95M>5\=PAP:;Z$T :5)%$W_N)R**M\%%NX0#NVLWM-Z1(421 M;^Q2"T+D1[&Y]42IQE'+*B90B3)P)\I6.SDK,[D'ZSJ9H30!I4D432^;"KU! M7ZW#
3360FD"2I,HFEXB%6N#B[8.!W8G+^$WMHCP&Z*_F/ ;0M7N-P>?'"4G M29??G)V5W&-VGM/0S50H3:)H>O54Y@WZ:AH.H'$62A-0FD31]!*I.!MDUZ*OE-X!& M62A-0&D21=-
+I*)L<-&6WX#HYK4^34F([$]3$B+BTY24JO73E*%*CZ$[/=)K MDW,RDGN@SG=^@&Z60FD21=-+IJ)MV%#-UYLHD.;L]TT2[@T&[+M1U! B8E%#]=H7-2HKANZL>%>?
M=KUT(;>.W(=VGIK0S4TH3:)H>A%42 W[ZN14-H:D52A-0FD31]!*IU!I>M)YR7@J#:GE":@-(D MBJ;? D\%UZBOKMX(&E2A- &E211-+Y$*JM%%NWHCN\TV&)D[190H,.V%$/G,
M-^V%4G'&:'N)5#:,CO3U'GLY.P*YA^@\A:&;G5":1-'T8JGP&O75PQM!4RJ4 M)J TB:+I)5(I-;IH#V]$--6:=W(@-+YOOMU"B-C$?,.%$'&_S6)4*HSY->[%UZL;?I[2.@1BJ@1A?M
MOHV(N^12H31D;OU:ISCK.3C)G>>M]"- M3"A-HFAZC50^C?KJR8V@X11*$U":1-'T6X"K8[034DH34!I$D73"Z'B9]Q7-VT.C:=0FH#2)(JFETC%
MT_BBW;2QW>0:V/YAB*QF7T(D1^8ST.2E"]>M+2]Q >/;G$GPD,'.2L#N?F= MYR]TYQ)*DRB:7BF54^.^^FUC:$R%T@24)E$TO40JIL87[;>-B7Y;(S%FM+I(0Q=S< M
1H>/&FV/IW'S2-^2'^;KY?5]MFC^U?WCQ&^VSP\UWCJG7]U[O.O"_]*:A\2 MK/#:9Q9_2(K'K+:B>?I0#S5ZVRQ5Z_?-.-/L'\9\=623K$.MY @ __8 !D M
!X;"]W:W)K&ULQ95O;]HP$;_.RBFKIE9B#01H MNRY$HFFG:5K_B*K=BVDO3#B(5.[%3/0E-]9!.O*D08M=LG M8<&X#)+8/[O32:SF)+C$.PUF7A1._[I H9:#H!.L'HSX+"?
W($SBDLWP'NFA MO--V%C8N$UZ@-%Q)T#@=!,/.>=IW\3[@D>/2K(W!D8R5>G*3SY-!T'8%H<", MG .SMP6F*(0SLF7\K#V'#)J43KH]7[A\]NV49.X.I$M_XA/)!+B_A..#(S@
+N&:"V'7W\0AV?3.),SJ5!=5JFA' MJB]S<0S=3@NB=M3;(D_WRV\S:N3=37EHH1ORJ"&/O%]OA]\PR]1<6M019L@7 M;"P0OE]C,4;]8OO<7C>WV'I[>6XIMP7?*)E5A:T^X7W-
W.OX MK\U\);.-^'X#W_]?S>S_N9DO0XUT,UP[F]Q_X9KI&9<&!$ZMJ'U\:CUT==96 M$U*E/Z[&BBR+'^;V]X3:!=CW4Z5H-7$G8//#2WX#4$L#!!0 (.;"'5D^ M\^%!& , !,. 9
>&PO=V]R:W-H965TPZL3,-M#UU\].0L9'2&F; MO8#MW'..?8]S8W>6C#^**8!$3Q&-1=>82CEKFZ8(IQ!A<<9F$*LG8\8C+%67
M3TPQXX!'"2BB9KU6:YH1)K'A=I*Q:^YVV%Q2$L,U1V(>19C_0?*EEW#,E8# M-V0RE7K =#LS/(%;D'>S:ZYZ9LXR(A'$@K 8<1AWC9[5#EHZ/@FX)[4:VVD
M5S)D[%%W+D9=HZ8G!!1"]1FP^EM 'RC51&H:OS-.(Y?4P/7VBCU(UJ[6,L0" M^HS^)",Y[1]?#32",9Y3>
<.6WR!;3T/SA8R*Y!5@#*)YB0#T#U+2+]JT29UB7EUDVV*&0^@;JHH*X LPW(\?K&;M:Y%C59)Y59+Y59(%%9%M..WD
M3CME[/N=/D6]B'%)GK'^@!19G1(W$V+]^5NXEMI[BW4#7P[Q=D.)7*OE:WU[6\ZO4"W;UULIRFF-S[= : 9\DUPN!0C:/97K4R$?S&TPO.;AO MC9];[;Y5,.Y9;3^]H/RC3Z]+ \PG)!:
(PEA)UZ#[%U!+ P04 " #&@AU98$$31BD# Q M"0 &0 'AL+W=O?> M1JIG'0,8\IIPH?M>:.,SJS/=U&$-"I8E<@< O"ZD2:K"KEKY>*:"1,TJXWZC5 MVGY"F? &/3=VJP8]F1K.!-
PJHM,DH>IM!%QN^E[=VP[.V#(V=L ?]%9T"7=@ M'E:W"GM^H1*Q(1F4A %B[XWK)^-NW:^F_#(8*-WVL22S*5\MIUIU/=JUB'@ M$!JK0/%O#6/@W
JA&R^YIE.+'.J82SY$XM,W/>Z'HE@05-N M9G+S W*>EM4+)=?NEVRRN9VV1\)4&YGDQNA!PD3V3U_S,.P8H$ZY02,W:'S4 MH)D:-!UHYIG#.J>&#GI*;HBRLU'--
EQLG#72,&%W\+.<*M^E7PAJ8CRN&ZIM,LW0L8VD)L;=AB43 MPN%G]EFEX&W\][?<;W6*KS-@-I[0,=!IU6.U"F0.I5(6!TP]V_/8_A&C*)"
M<^]J#DLPVJ;.WTK1SVY49X^K60[5+:"Z'\TDF*3>]G+]4@)JZ8]U]%,A&K@SZ?Z9GCXDKJO#@:,)A@::UDPZ&1F4% M.NL8N7(U;BX-5DS7C/%- \I.P.\+*
$>FSR)NPP]7(CK4,J0^!H"Q '$8-ZQS7+O"9%C [;BG,0=[MTE3ZC#WHP=6P83D:$7@PD%H%48\9M,#SM':%X\]2J17;U(+K]ROMGPUY1:9/
M!+28]XL,Y:1A52TTA!&9>K++YE]@2:BD]0V8)\POFB_W.A8:3(5D_E)8(?!I M$#W)8NF(-0'7W2#@+@5<@SLR9%!>$DF:=<[FB.O=2IM^,52-M)' QV5GN1J
ME2HYV>RV;IO?;]TH"SJ$-!BC$+@)=C O/H>'1/M/H&.+T$2ZHD3=(1H@*ZI MY^GYNBT5#*W,'BQ-7D0FW0TFOTZ]/"K@'(=MXAN>I?H^.CDJ1I;L8BIN#$5 MU^@M;*
(",PBF@$:<^:C% LE5R)4[Y02UC".!H[OSOC#$]VFX(_W%=/TZ/VHB M) -H6"H!!/ 96,V/'W#9^92!OA"C+V1I7Z'/K46BLQ:)'W$D8SOKD(L[3PK$26\H40DC0#>62?
P^A*1#4&E7BG+V4GS M@-^Z>RAEE(A]M \XZ1_PNVD@\#XZ")RT$/@]]!#9(-))HBQ^24^!#]14X-2N MHE!X5C+LM>NT_C1O3?B8JANP!R,EYN0K*GMY=-
N/!I*%YH;=9U)=,\WK!,@0 MN-Z@UD>,R=5 7]KC;R[-OU!+ P04 " #&@AU9'\7)($("]&0 &0 M 'AL+W=O2^ 8. MI, ,8+>;3K/+0+=]Z/1!L07VK&UY)0%I?
WTEV3'8*$Y(]9"78(MS/NE<,-&1 M1GM,OM$8(08>LS2G8R-FK+@U31K&*(/(T&A&[, Z1HCM, DXC% M8V-@@ BMX39E2[S_A"]#^H(7XI3*OV!?
R5H&"+>4X:Q2YBO(DKS\A(^5(XX4 M.$>MX%0*3ENA]XR"6RFXKYVA5RGT7CM#OU*0IINE[=)Q/F1P,B)X#XB0YC3Q
M(+TOM;F_DEPDRHH1_FW"]=AD]6FZ#*YFTU7@@_F7^T7P>37]_>[+9W Q35,< M0AE-O 8%(@F.0(@IHQ_!A8\83%+^= 6^KGQP\>$C^ "2'-PG:80BA;[?

K3_LT#>Y4VK/.$^>F3F=P%^WZ35P M[4O@6$Y/L9[YZ]5=E3G_;_:@S:,WG.'6:>)*GOM\3-$R M-8)\'8PN03-=EBC$FSSYEXLORL9B\P!?_W&P>"_H8S^KRUT5_,92JL)1$3Q+%
MOY[=Q'5&YN[8V:U!4R90R=BU3,/@?FUPO]/@8'4'?B%X6X#5 M5&503$)$F(ME/NF3MRY2:T3YNN$!9I@C9@,ZY@,WT5]&NH,I4Z8KQ,6:((U0FE;AX[&TEZA
M*N1QS6CM7N8*D5YK@Z,0<5K[I$ E8ZDW./91$V=WFKSD;H0DC&4MB="_]_\% M[^;9TM1,U+E)I)7F:Z4%NFC-H#B'H#COHJA4R] 54)TT7RLMT$5K!O30]N= M?
=G;"HM[\G,?M O+BR*^0L2UVH5%(?-,YV0?>D7[A681I7QHRKF]X M-$EY5U"^,%S(P_ 'S!C.Y&.,8(2($.#?KS%F3R]B@OK&9O(?4$L#!!0 (M ,:"'5G3)G)KA@(/,% 9
>&PO=V]R:W-H9657QZMB9[9!VOWYG M)V2T K2'O9"S?=_G[SM\UZND>M(9@"'/.1>ZZ[V7&%)>^KQ<9Y%2?RP($GBRE MRJG!I5KYNE! 4P??*N1\&P86?4R:\N.?
VIBKNR=)P)F"]B"[SG*]7(7!9];V. MM]FX9ZO,V T_[A5T!3,PC\54X40-&!3D3]9<^ M-W78 B#/;D#8 ,*W@.X>0-0 (F>T5N9LC:BA<4_)BBB;C6PV<+5Q:'3#A/T7
M9T;A*4.9CF]G@X>;NUNR]^#X 9Y-2;D^(<>Y-_AT0$Y45OOR/%%^^J=405G0WQX M*9G2%^P'0P9*4;$"% \8S+51^+A_[JI=S=W=S6T;_E(7= %]#SM:@UJ#%[]_
MU[D(ONPR_I_(7I6AVY:A>XB]*]GDHHO;O;_5/#FKEQHHF"UD*4[^T=K>= M 77/7L&_VASC1Z@'TEZ8>AO.J5DQHPF&)E,'Y1YP'JAXQ]<+(PG7I7!KL>1=F M.)5!V00\7TII-
@M[03QGXS]02P,$% @ QH(=6>TM<^O? P SPX !D M !X;"]W:W)K&ULK5=MC^(V$/KH_1:@;1'WGC= M A)+4G6K[A7MWK653OT0P@#1)3&US3R>>(9[M0K^P-
2*'0Q*G;&2L,=_*CF9G0\)%L>1RG,*+!MD@3TZP/&9#\R;,.X\1RMUEQ.F./A)ECA M"_)/FQD5([- 640)IBPB*5! ;EG10%G]&N&/BY%A
MR15AC"&7$('XV^$4XU@BB77\FX,;14SI>/I\1/]%D1=DY@'#*8G_BA9\/3+Z M!BQP&6QC_DSVOV),J"/O0A(S]0O[W-8R(-PR3I+<6;P@B=+L/SCD0IPX"!R] M@Y,[.&6']@4'-
W=PKXW0SAW:UT;HY Z*NIEQ5\)Y 0_&0TKV0*6U0),/2GWE M+?2*4IDH+YR*MY'PX^/'#]L GGSX./G;?X&&ASR(8M:$]_#IO8/&NR:\@RB% MIRB.Q::RHXT/A[I?Z#&G]3<"T(.T?"
M#TXMX& ;N 6N?0>.Y;0UZYE>[^[JZ/R_Z/Y_CGXFAEOLOJOPW$N[GX8D0?@8 M',"+6!@3MJ4(GR=SQJDXP_H]CM#;.L195V[9YL@Q)$A"A=#ND-C -,/=M?Z M62?V+
<&\6X+Y-P([VY9VL2WM.O3CML Q1? @0>'! [I+TYCCBDN(]X$ MP5@4'$7_(N].92WO[5ZW1+QJ9%MVB;@&J&>5B%=MG(ZEY]TM>'=K>?O+);KO M(YR XQW,D(:8LQ&WVX-
K!^;N86>?9/*%@MI],OB?$=?-MN.7L\M7XOO7DB.7B%2KS;@!W%)DC6)(D?P#^)BO! :#WF>Z 3]Z=*BE.O3JI%=/@X: MDUY)++[UBH%&VR_X]FOY%EQ%VD-^'*"!&?
$F?/Y=V,,CQX1IJW(&WCE==+=3 MXEZ[@+<6VRL"^C<*>*;GH-!S<+V>N8S?57%0K99E$6NCOE7$047$ E_+,FR*RKW8PB4)L5[4;I$66-W,%FM**Y$20./ MQ'%
89*0K;ZNU:_@K1>*FZ)Y.5I=0O@:FYY;J@7FR04]0;I2G1&J2W=:* MV:+[FJB>HS3_8-]/;MWE- 5U'*(,:E"&6U>B+;:-8]90-. M-JH]F!,NF@WUN!8=)U)I(-XO">'@0Q0]+#C;U!+
P04 " #&@AU9B\EK M2XH# #V" &0 'AL+W=O)*T6J)&7'_WY'2E9C3S&* M88!AB>3=N_>.1YZF.Z6_F +1PF,II)D%A;7531B:I,"2F2M5H:253.F261KJ
M/#251I9ZIU*$H\'@.BP9ET$\]7/W.IZJV@HN\5Z#]/_8=?:#@)(:F-5V3H3@Y+++YLD>VSQ\ MC\.H=1B=. S'SSA$K4/DA3;.O*PELRR>;K4#[:P)S;WXW'AO4L.EV\6UU;3* MR<_&
[WY?O%_=P?X.-Z"13/MWGP7[#O7GC8H,>/60*95"?8HABM&@UO43,#?M>8F MY?ZRH."E,A8(0?*,)TQ:L7?&:RYS5BG:$R936#'!*][@H<"3Z$KK;8\1::!K M#S5H9FE.9#0-
7ZM.46R!:6Z4")M#0CS=V_&RA#!Y+:<@=J!ZS!'RL*(2!]XE5&Z+9EO*D_U HDL6= /%ND*TMK1WZ/3$/!#.T7^NO>W=L4HS5C4M:T20Z".A$F MS-
@F("^[']NTAV,D>I)A0IS($XO::W#H:OSFFO[69POK/YZ!27<&)F?+=MDR M=KK[^$):TXPZ$7H)\SS7F%.1P5()0:F!9) ,WU-2;'OP-IODB6#&= M?RWHPP2U,Z#U3"E[&+@ W:=,_
]0 M2P,$% @ QH(=6=;G09.7 @ !@< !D !X;"]W;W)K&ULK55A:]HP$/TKIZR:6JEK0J!LZT(D2IG&-#94VFU2M0\F.8A7 MQ\YL!^B_G^V$%"1 T]0OB<^^]WSOG#Q'*R$?
58:H89TSKGI>IG5QY?LJR3 G MZD(4R,W*7,B<:!/*A:*B21UH)SY81!T_9Q0[L61FYO(.!*E9I3C1((]\YS(MIVMD8M7S6MYFXI8N,FTG_#@JR *GJ.^+B321W["D-$>NJ. @<=
[S^JVKP:7- M=PG?*:[4UABLDID0CS88I3TOL 4APT1:!F)>2QP@8Y;(E/&GYO2:+2UP>[QA M_^BT&RTSHG @V ^:ZJSGO?,@Q3DIF;X5JT]8ZW$%)H(I]X15G1MXD)1*B[P&
MFPIRRJLW6==]V (8GOV L :$_PIHUX"V$UI5YF3==$$WB2(H52)MMV.S]<:A MC1K*[2E,M32KU.!T//HZ^#8>PEW_YW *.\'IB"H M"67]#-[_?0&3D_.X 0HAS%ES&2HR-
>F,LOO)W45UU45X8$JVC 67&<*ACS% M=]^-QUIVA)NVG(='B7\7+(+:+?.(0S"SKYZ_AN^4TZ[.:6VX^L< MX!L31IX4)7!G#J-?ZDQ(JI_@88SY#.6O?
0T_2FB]X4H5),&>9WY^A7*)7OSZ M5:L;?-BG]H7(=K1W&NT=Q]X^](56GZ%5/GS^#.'AB\F#D<9<[=7?>4G]+T2V MH_^RT7]Y].S=D:>_C148\)3]'(RS:H9U0'@*]
[Q4)6$PD6))U:$_L-JEZW:Q MWKZ,NZW(7V[+/)I2%>]O64OE=V]R:W-H965T:631T=A^]/AABP&IB M9VT#W7^_UTDFS=>D;'=>P';.?:YU[%O9FSCTS
139OBS;&PE_!D_JI@RLA)(M'I,$BW\6).;GN6$9SP./='']0>L#T9RG>DS513^E*0,\L52*;$"8I9TB0W=RX MLV[#]<9G@#\I.0EL%&F]\E:"7A*@:?\A_S^O2P_.,^
M1*OP$:T_WCV&]'/P>LF3]*BPSN\-N@Z(PC26-^@=>EH'Z/K]!ETA$\D#%D0B MRM 3HT]^K0S_O+LM6 X MY8YR,CWG!;T0"T;97](5$6BMLX^^W&VD$G
F?.U*=B[G=LOI<_)6IGA+Y@8< MA)*($'\-[]9WO!]5Z1?4RQX3;'PE<1J.7'+G+A]ZOX#7#B4;7E"NA*0<[V, MJ^^5D^],IC/S5(UK&V-/)G5,T,9XDW$=$[8Q$\?L M2B#1.WPB
FZXXN#\IO+C2IKL,9NPV\7INGW IVP7Z?FUROT>KU^5UP1IBB. M$20T@>_:&SY\B@I\BPCY$S>&X=#CN=1C0^ BI_"\Y'7?$>=3PVH5I M(//@ IVP7Z?F>%
(ZGESX@J(4CLW,)]RL&[VUN^SF:N/JZSC0IW?-;QMD#3R[M8;@-<@;3YBYN@]R!YW5;GI:6I[]B.#./3.5W9CE:EM5W6379&%]8MTNK8SR .CROFG_(
MYS7\/19[RB2*R0ZF&@[&L"-%7A?G'<73K/#;< 5E9-8\P*<$$1H SW<<3I*B MHR&ULK59M:],P$/XKIR"A(8TE3:(!I8W4EZ -::5] M!WQVDVMCS:&#
[;3CWV,G:>BFK*M@7VK[?,]S:\Y=!SLA[U6&J.$A9UP-G4SK MHN^Z*LDP)^I"%,C-S5K(G&ASE!M7%1))6H%RYQJ>=^7FA'(G&E2RN8P&HM2, M$_E[C$SLAD[/V0L6=)-
I*W"C04VN3]O9A+;V2AR8/!P##TPWP&X#_%! ^ P@:0'"JA; !A*=:N&P M5>AN'7N5N"G1)!I(L0-IM0V;W539K] F7Y3;=[+4TMQ2@]/1++Z#F]GDVVT.
M\W@!R^O1(H:S&9&2V JJ=W V14TH,[OWH#(B4>T7RNNZ4B/%4#5QMO+*>; M-);'M67_&ZJP&N235^3+'XELD>U"MM:A3^3C7G_2ZY!/S=2KA]1?
^GIDWA*YH5P!P[4QY5U\'[*>@S5!RV* MJL^NA#9=N]IF9G*CM KF?BV$WA^L@?;_0/0'4$L#!!0 (,:"'5EQOLSR M=@, \- 9 >&PO=V]R:W-H965T1YCR==^!SN;"'5DL
ME;G@#GHKM, SK!Y6MT+OW!PE(C%FDG &!)[WG2$\&\&N,: GOA,\EEMK8$)Y MY/RWV4RCON,911CB4!D(I(^>\#FFU"!I'G\R4?W:0RWUOOT+S9X'].K[_B+*#
X(6<2OL+UME9SP%A(A6/,V/-("8L_4=_MLT1L&?A^A8&?&?B6=^K(LAPCA08]P== F-,:S2QLJ-9:DR/,/)69$OHNT79J M<'%S,_XQO;P$P^LQN+G_.KD#T^O[X?7%='0Y
@$'(^Q0H3*$W $" -7^H3.M.RY2C,S^&Z8L1BE+/P*%EUPQ9E:2C!A M$8Y>VKLZHCPL?Q/6R*\% _);04]" GX#O^4WP.!N#XZ,3&MQ&GJZ&Q6U4I6N3
MB)\V$U_23/PJBS@%:I8#F68[DRL4XKZCNTEB\82=P<NRJBDH,$6E4XYCU;.H[57+LJ"S$%]:*YNMZ*\-Z0<%O5G$HE!762^O$S!."ZP8#4Q;I%[0@ MB.[39?
6XA]9OH<8P>*M&@[7"?BC30]_A?H*]=Z?MJGC0]:KN0L9AO8X?VFB[MDEY5?"E=(+(AN-8KGVM0[;>OH13I]IQO%5W;B?>1* MS\]VN=1?+%B8 _K^G'.UV1@'^3?0X!]02P,$%
@ QH(=60A">0K[@ M:PH !D !X;"]W;W)K&ULK5;;,?X@-AA+>/1I(#K:1L]PI>O"W6 ?B4L6XD#MK!CWD513OM9%R#'R$!/ M]:IA-'4?D4#KMI.U*>^V620I"?"4@XA\'_'?/4S9KJ-
5M/W"C*PW,E[0N^T0 MK?$.%Y' M,^* ,.6NC!F0^FUQ'U,.$ZDP?F6<6NXR!AZ.]^R#)'>5RQ()W&?TGGART]&^ M:.#A%8JHG+'=+<[R20)T&17)%W:9K;&!&PG)_
RL(O!)D/[!8Z;# 4#0%_J M&:#Z'%!_5#+ +5C/=0S0/U8#XT,T#@6T,P S43[5*Q$:0M)U&USM@,>6RNV M>) <5X)6
I,@+JRYY&J7*)SLWDPFUKTS'((YMF"RN+5GX(P7YOC&Z0UM.,=S M>S$'9S0UG=G('B_@W.(2$2H^P6>XFUMP?O8)SH $,"*4JE(1;5VJL&)RW M\KQUR5X7["6^?5LB1"
[N:.IZ%9AO ML=;]^*'2-+X6G=\IR;Q3DMFG)!N?G?@&.'R+"U5LD8Q7+0:E*?VG8(U!9BN&_D1 M11)[Q\C8^"?!*^/ZF9"E0;RU](JP:) 2X:#<8:[I?O 8^IBOD[9%@,NB0*;W
M5KZ:=T9FTA \6^]56OU*P;I5:=EIX_.7/FW#1HBO22" XI5R95Q>J7AYVMJD M$\G"Y"E>,JD>]F2X4=T@YK&!VE\Q)O>3V$'>7W;_%!+ P04 " #&@AU9 M!(P/M5$% #V'0 &0
'AL+W=O&/J*FL -AM1]<+G=(U#>6=! M68"$/&5+DZ\91EZ<%/@FM*R.&2 2&]-!?&W&1@.Z$3X)\8P!O@D"Q%XOL4]W M0\,VWBX)DN5*1!?,T6"-EGB.Q;?
UC,DS,T/O2(!#3F@(&%X,C;%],7%@E!!' M_$7PCN\=@ZB49TI?HI.I-S2LB!"VL2LB""3_;?$$^WZ$)'G\2$&-(}E1XO[Q M&_J7N'A9S#/B>$+]
[\03JZ'1,X"'%VCCBT>Z^XK3@MH1GDM]'O\%NS36,H"[MX8(&:;)D$) P^8]^ID+L)4@<=0),$V YH563X*0)3EQHPBPNZPH)-!HPN@,L
MBI9HT4&L39PMJR%A]!KG@LF[1.:)TTM&-]?@8>GK]>/8'K_+Z_ MF5[>7H/Q?'[]- >?KPAW?N(VO)ANRODR MX0QK.(?!'0W%BH/KT,->,=^4]6#0M7/ U8[;%QNCWW?R.]8>]\H;
"CJT,AU:.O31.*!,D']15#O) M94"Q#*?@AE'.@8L8>R7A$[" ;D*A$B1Y2B=^2C2M;4?R1?4'YG:_T&J0W>JW MLJ!" >VL@+:^ -?=!!L?"?
D>WXI))B\YADBP1H0%T2!2D4Z0VP4^K7:)M"+(MTQ#, M&'6Q[(E'V8I(SDFQSE=X*Q>K=22TBJT6]-#1TA!8H?Y>5G_OF+-&KTD=&@(K MZ-#/=.C_H@_.UDD?))
L;8;D3'9$A5"L+Q *V+L M;@WIW%W8>GOQ_DFBZAOLLCU6Q$ U<9A["ZCW%D\,>3A [,6,CT(4*.GI40X= M(DVA%6O.K04\JK6 C5J+IM'*6N36 GZ,M8!5T^#T2OVKBNG4-
'!N*^#Q; 6L M&@:G_&-:%5/CA6#N*>"1/054>(HR<5U(D7=N*#>4$SB3X^8 8:]6&6^(FNU MM(WZBZ;0BF7G_@(>U5_1OU%4VA%+7)_3_&7\"]=VCWR@9#$=2RZ[:.W&'
MXSD.6'4/3I6V(JA5\QD YAX#'MEC0(5_]/R(2H/V/WEV:A1WZX#"..H^VB MY.A$*0VLM&QY1.KY'%JON;>S)E?#9;SA*&>]:*Y+-MFR]]FFYCC>RC/S\&1' M]
ZQ)0DY\/%"IEKG73DZ6;+)F)P(NH[WZ9ZID$MO?+C"TJFS*$#>7U JWDZB M!V1;O:/_%!+ P04 " #&@AU9Q-)V @ # ;"@ &0 'AL+W=OC-G/()25?
G"%BN.8&A$;%=QZG9$<34\ENF[9[!+19+ M@BFZYT#$403YORXB:-.VRM:VX0$OEE(WV'YK!1Q%5X9AVW]T($303&H'I]YK=(T(T48]
MQFOJ:65#:N%N>>M^8]@5RQ0*=,W(,P[ELFTU+!"B.8R)?&";6Y3R5+7?C!%A M?L$F[>M88!8+R):4K!)$F"9/^);.PXZ@[!T0N*G _2BH'A!44D'%@";)#%8/ M2NBW.-L KGLK-
UTP?A: 0ZXQZ8/[V'\!P M_-@9#X;=41]T@J#_&(#SSNPUQ@*;B1]#SJ&>>W$!SGM(0DQ4Z1(\!3UP?G8! MS@"FX X3HCJ+EBU52#V4/4L#72>!W .!FN".4;D4H$]#%.
[K;067$;I;PJY; M:#AFZQ)P*C^ Z[B5O#S%\E\O*8%*V=G'N^)S/;HO8S> M*W+W!XR%&[4V\B +E<=")F8U8Z;_R=9^W5-??YV3O9IEKQ9FO\$42W1)U-(/ MP9!*2!=X2A#H"
(%D^CWYQOR6;H!4:'XM6_816;;CY:+4,K5:(U@^&8,!9OO)! M)R]_H?K8_"S[,W"[!.Y1%P=++FV@V:;Y:$T/Z%X3>\#2N%@QZ+8.=OA/C"7LF+&8 MRN0H$EJSFT_"/CV>_?
DVG0'^0)3 0B:*ZE3JJO=SI.K2%*1;&5.\RF3ZFY@ MBDMU>T-<=U#OYXS);44/D-T'_?]02P,$% @ QH(=655HN{+ P G@D M !D !X;"]W;W)K&ULK59M:]HP$/XKIZR:J-0U
M0(!N#"(!H2T3?5&AZX=I"TQBP*IC,]N!=K]^MA-2*"GJ-KXDMG//NWUJ@&1YA M=;^X%7KGYBP1B3&3A#,0>-IV.I5FOV[DK=CX[$.$I M2JBZXZM+G/EC#0PYE?
8)]TRV[$"82,7C#*PMB E+W^@IB\,&0/,4 ZH9H/H: M4'L#X&4 [T::AF@)EX-]0Q@77=3WVW@]20WQ)\!<):S:SL-&W:!TOPLP]
M&2FAOQ*-4_[%S4WP,!@.H7,=P,WXLG\@^MQY_IBT!WVH3,:]<Y' 92.CN$("(,K0]F^#;+E*FVJ4>B& MF5G=U*SJ&V9Y<,69FDOHLPA'!?A@/_[+'KRK0Y3'J;J.4[>ZE_!;0D_!JYQ
MM5RM%=C3>S_<*W+G_[3W_UG[5C"_-)XEL][Z])P'JUT;@&Q"#;N1B>]&P&1 M(>4R$1A^="92"5T-?A:=@51+K5B+J9!-N4 A:CNZ!$HLEMCQ/WZH-,I?BQ)P M2++@D&3]
Y%MI;J6IZJVC]T_)XPH#&/]IQ:DZ@1TM=6UE$$O$0*S\!G& C%) MD:WB%[K/0&G(I3PN2M]>S7^;OD.2!2E9PY*93KGT&RUWN9F3 ZG;RDD]STE] M;TXZ,1>*_$YCS*>
[;2D*=GW':>RI5-O5\3\[9LBP:Y(I?PZ-+LR9R^:4H?= MC8838S&SG5Y"R!.FTC*2G^;#1,2*VT?GW4JS5RDX#_3PDY @_%P< !D !X;"]W;W)K&ULA95M;]HP%
(7_RE56351B#00(T$$D*- R45H5NFJ:IL' !:PY M,;.-M/OULYTTHL,M7T@<^Y[G'..7UIZ+WW*-J. Y9HEL>VNE-I>^+^=KC(F\ MX!M.=,^2BY@HW10K7VX$DH4MBID?
E$JA'Q.:>%'+?KL748MO%:.)W@N0VS@F MXJ6+C. .;7ME[_?! 5VME/OA1:T-6.$'UN+D7NN7G*@L:8R(I3T#@LNUURI?= MIAEO!WRGN)<'[V"2S#C_:1K#1=LK&4/(<*Z,
M&/'5XA8T9(V_B3:7HYTA0> MOK^J#VQVG65&)%YQ]D07:MWV&AXL<$FV3#WP_0UF>6I&;\Z9M+^PS\;6/)AO MI>)O5JP=Q#1)G^0YFX>#@B!XIR#("@+K.P59ESVB2-02?
_"C-9JYL5&M=7: M'$W,GS)10O=27:>BZ[N[WM-P-(+.N =WTYO^ PS'T\[X>M@=]:$SF?2G$R@, M:$(5?AGI"5Q 1TI4$@9;M14(G9@+1?\2.\?]9[U8))Y#H8>*4";/X0QH K>4
M,=TO6[[2G@W9GV?^NJF_X!U_W[;L BKE(@2EH]/DQX4SL[?RO@Z+APB-4L^DFU7-2_12IX2+5CTFAF]3(28U3I*:+U#@B-1IN M4C,G-3\D3=>H[XVE0N'B-
8_7X/\+PS\XY\R5<4O$BB82&"YU4>FBKMV*]!A. M&XIO[-$WXTH?I/9UK6\N%&: [E]RKEX;YC3-[\+H'U!+ P04 " #&@AU9 MVQVDTVT& X+ &0 'AL+W=O]1!1-
MZBR[7+\DEGUW?HYWXO/PK,E3RK]F:\8$^AY'27;66POQ^*?S^9K%@?9V_21_M)?*39K-I\=XG/INF&Q&%"?O$4;:) MXX_OV=1^G36\WHO;]R&J[7(W^C/IH_!BMTQ;YY&6?
$7/56V@QZ:;S*1QI6S1'"'2?D_^%XM1,/!HRT.N'+ 71U(Y4"* M1$MD15J7@0AF4YX^(9Y;RVCYBV)M"F^939CD9;P37'X:2C\Q^W#^\19],;^^ MOT(W5^=W][=7-U=_?
KY#)Q^"D*-M$&T82I?FN_RQZ#.3OKR7LW8WS+>K-??_&&@]]LR3H*I[5.ZM0)%'UV MDR;L638L_RJWI.4F65BK6<88%C'RC6<[FXPGT_ZVF85IXTT(K8TT=+1&1T%T
MEXR'VR#?2&2_R7)LBI9$)W][E/=_@MCW^3I(5@S-TZ0H5O::!K_\$X\)C>Z@ MMYB,[=C]&KO?H:E.T76:K-YT:"G2W4LY]8E/JP3'X)%N_JV"<6S+-B69:(H
MF"W=H:'@H_%.34P3?VBOR:B&-CH0FKS=4[%FW 9Q9'P_WFUZBXEOASBN(8Y! MB)]3$40O^WF]?P?RYJPW?!O6L=F_GC?806L:X0$A=KR3&N\$:/-K13>GY0[:
MI=DG+IO=43 M?6^@"'KP,_:HZEN:Q=F]'RPF?LL&ZS7TA=>U?IVWJBJDH_*Y MBJ8O@.)^#^176:\EX_D]-D]C*:ZSH)"O+RKJV9H_-@K1N(VJK$P:/&HIEB)K
M#V:KKN@39NQUP):<;@'D_@UV[((>59,H.?!C>0HFIZG MXGNO"^$?HB(]IYSO*IJ>OF)]#Z;];DK2,TG=E)(6HW8MZ2GRlV#V=[53FZ2_
M2[2@B8Y>Z0)O[%!/>]#..+BY'$73DUI2^SV M>/Y_G,^QXGP,<[ZC70N;U&XT'62BHU?DCZES>8F=]@)7T?0%4*H @[1[C+RL M(H*E@DOTI(K ,4S@/R(NLL&!W#C%Y(R[)8V
H+=#^XDQQ%TY-5 M @!W$0 '32F=2@!7T?3TE03_L 3HIB^Q2>]&(T(F^A!5^0#R4X8 Q*1]8U)I MLVD951*E#0@\!3A47!*G$P!7T?3DE<@@\ 2@F[@DYH%^M[-
$QU<8SX/T_]A MTI+L9WG01 >I6)[1_PCI27I,)BWV;2UNR)E A_5CY.5Q.EQW54T?0D4VQ.8 M[5WM6":K[YZX+"9M8TNBF)^,G.M*XE0-N(JF+X!2 P3^G> (74G,^:\QMK38
MM(TMB:)N E/WCRA+8K*U,;:TV+2-+:FB= I3>D-;$ALPV/W0;G(534]6\3_M MPO^':$OJ5 &XBJ:GKQO A15 -VU)]RL TO0 _2D# +I?&H F.OK&+ _CP M
.!094F='OY=1=.35SJ#PH? ;LJ2[C_O@R8Z.*4 Z*&_TT/*DNX_X8,F.DC% M\Q0^X1^I+.G^&3UHHJ-5I$SA(_IQNI(Z/:.[BJ8O@>)Z"G.]]UJ_SD>--$?
MV5&D[P^&X@/U^FJ7BYR!\>K1\6GOT'4$L#!!0 (,:"'5E& [N& ,&(* M 9 >&PO=V]R:W-H965TLFEJI M;2 !MC&(1)MT8RI5!:-
[F/9@D@.L)C&U#;3[];.=D%$(E'5]26SGON_N.U_L M:RT9OQ=31 F/29R*MC65RTVES%-\9:#F"<)X4\7&+-EVZI:JX4^G4RE7K"]UHQ_M<(!R.+OE:F87+!%-,!64I,GB'S22T[;UT8((
MQV0>RSY;?L5<3UWSA2P6Y@G+W+9B03@7DB4Y6$60T#1[D\<\#VL Q5,.<'* MLPFH[0"X.<]U$,M!]0.I5#/ 4:ZG6DWB?.))%Z+LR5P;:W8],!DWZ!5OFBJ MZV0@N?
I*%4YZ5YUN'^XZU\ >D%G,.P'O>#F^P!VK1_?J-KE&+))2G]C!!-5 MB@)B)@0*4!N/#W,JGT!@..=44A0G<,RC)#16HS,8#GPX/CJ!(Z
II&@.\RCOLBB=G9$[4*/I7(J($@CC$KP_G[\ISUX6V6P2*.S2N.%LY?P MVSP^!=Z"D[%]97$@U=[?Y8.MZ@IU_'Y._A\'$D@:01!5@R# MHAA.X8NJ%SB^5O5R C\[(R&Y.BI^E55
YJ-6[D.?GTTQ(R&V+74^"N0+M+SW M[ZJ-RN>R]+\EF?^69,$;D3W;]%JQ4;5][%[)_ES=G=UT3Z&/)#;_M]ZOLMW) MB!N&6-]%"Z_2LA?K*7_1PG_1(MAG\4QOO5!)ODVR:!-
LLS@[UC4)]XQ#U/913%D$W7:"0ZLZ7I2=P8UO$YA;O M]?:O?]7+_H(\I?ESEZ[-!/D$].M" C9(/)7965>L%@U1Q_0!&^L7U>9EM63= M5PU4UN_\I<^ZKQ[A$W-
MXEBYJIQ_4%O-LXXFFT@V,U?VB$G5)CA5#6!R+6! M^CYF3*XFVD'15GI_%!+ P04 " #&@AU9L$?P['L# X$0 &0 'AL M+W=OR2I8$D%8@CC,1]95ZS)H.=H@F_%(8"-
VKI'>RHRQ)[T81R/+T1X!A5!J M!%9_:[@!2C5)^?&[@%KEFMIP]WI+_Y1M7FUFA@7<,/J#1'(YLBXL%,$S%4U?9-'/K%6\2*(/RE1R M-4J4G?3\8#)^O/H^?@RFR
=.UE@+=X9((H&#D(AC"4AL<"K0B0\2$RL.T8>C MBW:O\U'-0G>$4J6X.$/'N\VA+95W>@T[+#RYSCUQW_%D@.Y8(I<"!4D$4=7> M5KLJM^9NMW;M-@*_K.@Y:K?.D.NX'?
0P]='\)6F-7S?[8]H-&/\0;X*"'3HI MHE@'"YIAWT)9PIQZGRHX:>GH9UQV^^=AO($H)^W:@R-)<3B5YV8.:A3#+I M[5*D.(21I?*7 +X&R_MPU.HY'^L4,
GS3<("0["*&IU2C4X3W1N_N0<17G ME: LVZ:H,;;%37;P:S0\]UR9AODE88 A6T:!7:M SE65Z M)M4P"?--P@)#L(H:_5*-?N,=L:/&+<$S0HE\.4-?F MH,:GC,EM0R]0?
BSQ_@)02P,$% @ QH(=62-6QZFE!0 B3, !D !X M;"]W;W)K&ULQ9M?3^,X%,6_BM4=K1@)39ND?X I ME0IV,ET-,RP%]F&T#Z8Q;402=V.7,M)^'^'72D#1,R+2K@^8%$B?W9R?
WX&L=_MXN%:)@][(80F3U$8J]/60NOE2;NM9@L1M3CHB$8J93A'<_'H4YR(,4Y(9QS\YM%7TF09N'S_3W>SASNH17QQSU>AO1+K3R)_H%[*F\E093_)>G/OP-P\6RDMHSS8
MC" *XLUQ_I2_B*T VWXEP,X#[%T#G#S V36@FP=T=PWHY0&]70/Z>4!_UX!! M'C#(DK5YNUEJ*-=\-$SDFB3IW8:6'F3YS:)-1H(XE>)4)^9J8.+TB+*KR>WX M>G++IF1_N?
-9#JYGGS]0@ZHT#P(U7OR^V]'3K_[D00QN0C"T.A"'9I&J^^\ M;'NW?3IL:S.ZM(_V+!_)V68D]BLC.287,M8+15CL"[\F_KPYWG(: &WS6HIW M8S^_FS.[D?C'*OQ
',N0V!V[2VZFE!R\>U\W. R&[H-A-U?D($]-'8SM_/, M+E-8FM(ZEMO,^CK3!E):&$[7D,W':,G,_$LFC:(W2=!?Y6"<-)(PB80P)2!8102]0@2]1A&PZ81XB5PMR71$[&]543Z$
H0@,U"Z51DRD\ MXSMS.Y_IVK)SC-04$D:1,(:$N4B8!X)5-&5U2D>GLV/A(9\#?A>$@?Y^2+[(MU/KC(1E'A M9("D42B-06DNE.:A:%6]V*5>[#>:1!JY>ZL'2:-0&H/27"C-
RVF[32*EAVHU M6F^C2:R%Z5R3*ZX%F:[YDGR[$-&=2.HG$JB3"J51*(U!:2Z4YJ%H5BGM6FM7 MO_;_3R90!Q=*HSFM<3*!>KA0FH>B5<51VKA6LX_KRD0$\YBPI]F"QW-!3,.:

M)[[1@U$(H4*9JV91[!.NBG5-N=ZI%0O4^H72*)3&H#072O-0M*]N2@/8^B4. ML 6U@*$T"]4Q*,V%TCP4K?KQ6ND#VV_D S=S]U4/E$:A-);3+&O[ZQU[RRC) MOW_K_% [CYT7-WFHD56S71J\-LS@M:$&+Y1&H30&I;E0FH>B5?52&KSV&QF\ MS=R]U0,U>*$TEM-^.CO8N\P.H)%5LUTZMW:SN<'5WGPXE/'YG'LG4^H2PNEN5":AZ)M]-'>VA 0B62>[?509);^36^^ M?R]:B_TDXVP7Q8MV:IVPS:Z0$K/9I'+!$Z,914)Q;Y"=#X->BR2;?1^;$RV7 MV;:#.ZFUC++#A>"^2-(;S/5[*?7S2=I!L?MF]!]02P,$% @ QH(=67!* MV15N!0 OR4 !D !X;"]W;W)K&ULO9KO;]HX M&,?_%2LWG3:I5Q+;4.A1I*YT&M.Z567KZ33MA0$#UI*8LTUIJ?OCSPXA3@>Q M6!K?&\@O/_G:_N;YX(?T-US\D$M*%7A,XE1>!$NE5N>MEIPN:4+D*5_15)^9 M"B#724+$TUL: M\\U%$ 6[W=LL53F0&O07Y$%'5/U=74K]%ZKB#)C"4TEXRD0='X17$;G;W'/ M-,BNN&=T(TO;P'1EPOD/LS.:702A441C.E4F!-%?# 2*QK&)I'7\DP<-BGN: MAN7M7?1W6>=U9R9$TBL> \5F:GD1= ,PHW.RCM4=W[RG>8?:)MZ4QS+[!)O\ MVC T[54/,D;:P4)2[??Y#$?B%(#!"L:P+P!S'1O;Y2I'!)%!GW!-T"8JW4T MLY%U-6NMQ;'4S,I8"7V6Z79J,+R^&]U??AG=7X](P)#):BTX^ -<$;D$[[3IP7LZ6[!T<;B;3A'F M@3R7*S*E%X%^XB05#S08_/Y;U G_='01%5U6714-?-V4.7H>9$;AQ5QX MK#TNI:0'G9"'*%LA"M%A+T0EP$;_DDGQ@^WP+I#;U$:P:8\$OD 8F2)&#E) M=IQ)T)Y).IT*CUC&16[(O< C-R0F3Y*1%-QI)RR8.C9MN"75'6O+TJC=F"M\ MX"^R_(N8)_>OGTJ?L%"RT'HYN +W/-9+?5>?BW32\1C%SE.137''UK^PJ@IIT ? MH(2E-:=[T7D,?O(095.@BI0"+2?>@FWLO-L6T:(JZ&<4MLN[H6P9#W)A/?* 3 M6G1"]SJT=D:)XSXS3U5&L7B$;CR^P#RW6N@.C!45L;"L?G$QS(36O["L\9\ MXH.1T#(2NM>A]7W2W?-)K\(F%H/0C<$F;5([P_A8@R++7A0V5G'SP4QDF8G< M:];:SLGC/OO-TL85.099,B)OY=BQM@59Z29@R..8B&.SC%M1W1DH%6>;]\[Z MX":RW&2>"K1YW&:O1'G!*W43C%EEW2BR246,E6^0#ILC"%'FJ MV[(#9=L*[UA>(F]UVR|<:,G'IA8?"U)D28P;]]DB\'#$%ICRZ4+M+_[WLU_) M1?"P/;"%(O96R-W9HVX^<2NK.P\6O[BQ"B[V@4ULL8F/KN#^HF/0WM^%4;NJ M^()+?UZZX;BSR?7C=$G2!2W\\^]OJ<(=ONYP6IKBQHJTV ?RL$4>=J]"/ZV3 MB7[@^'S_R;2=,(};:,:^XE6!O"?[95L8GE4XP9(.NTGG<$+MK.!C>8DM+G%C M)5CL@WC8$@^[UYY-FF, *-O]^4=KJ_0ZCGFUZ88((9L2Q'2N&X6G9[JUV+XM MM-U1?)6]H3/A2O$DVUQ2,J"7*#/SSE7NQWSTD_QSM:@/U!+ P04 " #& M@AU96PRS6]T# H$@ &0 'AL+W=O,IEFK(EZY8<<"Q<4JIV_&\P$TQR9QP9.[=\G#$UI*2#&XY$NLTQ?S' M!5"V'3N^\WCCCBP3J6^XX6B%ES #^65UR]7(+5%BDD(F",L0A\78.??/)GZ@ M'8S%/8&MJ%PC'P'JE. 4CM7K M1_0K$[P*9HX%3!C]A\0R&3M#!\6PP&LJ[]CV'10!]35>Q*@POVA;V'H.BM9" MLK1P5@Q2DN7_^*$0HN+@]YYPZ!0.G=]UZ!8.71-HSLR$-<42AR/.MHAK:X6F M+XPVQEM%0S(]C3/)U5.B_&0XO;R[OC__?'U_.7N#KC#A:(/I&A!;*#$XV6"M M,B*9D'RM9D*A+,835@F&"4QEA"C"TQQ%@&:F;2C+,)F@EY-06)"Q6OT%GV9M3=&K%Z_3'@BERD",7*D"T#3H*[_!G6\3]_!?=+N M_BF2I7NW[NXJV4KM,]5V'8/7?4J[G4!&N7NCW/S'GB(?'A7Y>CY7,IK$;9WZ6H^$RL.Q M.6D)K"9G4,H9/&.I!C9EL016DV50RC*P5:J#@Q3?KJ1#"S]H+H)A26_XIXN@ M4OJME=!*]-@IMP16T_2TU/3T&2OAU*8LEL!JLOC>KA'R[&X+!5XUX;M[)=%@ M.F@N";_2L/FM/#\RB?ZK.*QO!.VZ M^=9ZMP*]MMY[^_E_:--Y(O]WW9O?WK[9S__?W0/:B1TJTY:0ZC+N^DN__YQ% M8+53M(56EV:7* JM/=?_V F"@X^4_GX6T]K<"M_(9K\]0:C!7>2T0A85R M\DX&2A:>'TOD \E6YLM^5]1DJ:E. "OBVD]7S F'P?ZL*\'I_ 5!+ P04 M " #&@AU9R+R(&$8' !B.P &0 'AL+W=O8ZG>|GE'++#G!89841QV[VQUV8DR3UN@|_:%C|Y9 M*B.:D"|^?:P3LH@'2E9B[372'^61L>_ZS22\:'7UBA JD16/UY M(F.219]DQO%/ 6V5U|2)ZZ]?Z%[VX=6'><2"C%GT%PWEX]}UTD(AF>$TDG=L_M]8D4'VB@>0&+1/8O6A6QW18*4B%97"2K$<0TR?_BY^)&K"78]B\2[":+!WC>A M5R3T]DWH%PG]?1,&1<)@WX1AD3#<-^&X2,BJW\GO;E8:!TL\.N=LA;B.5C3] M(]MOE]TJ0A,MQ:GDZBQ5>7+DN'>3A\NODP=WVD;N;*84@MA,%9/3)ZQ5@F@B M)$^5^J1 2CMCE@@$T>[*5]`Y*1>U9SUNR0<:WT)=.00B6DDWJ&W?YSTAOV/MBH)N:!3ILVWOWM>4>]SZ%'TPF*,5_E8[9_>8>NF&}2)7 CD)B$)&_(=<_ZI M(;^C[E]Y$^V7FWAE&X%_IM$'U+/:R.[:?70_==#1FW<-XQKOC^D9, [,:%R8 MT7B'C,:]OT-'A2::8+X9=AO($M9M'E.M@+WR6]#+N+U??0LJN7^[5N?01,E: M_-TDS1S4;P;IQG$FEC@@%RW5&03A3Z0U>ON'->Q^;-(#),R!A+F0, \2Y@/! M:CKIESKIF^BC,18+Y*GVC3Z1<$Z0KWH].KIF0LUTD]%'@NY($&$AZ(R]Z7%% MY4(%?%V12'DKGW2:-&6\Z*&:@H0Y.6R8P2]YFET>MYY6A<*Y.4\2)@/!*L) M95 *96 4RJU<${X^LX3E33&9HTDC1B@D(_=9+2,%;9K]KHS00X4 "7,@82XD MS(.$^4"PFF:&I6:&4$UH"*D32)@#"7,A81XDS >"U71R7.KDV#BWK.EDLK8V M_\PDV_40)P\9 MK(=8&S'N:HQGO!>'E@T(5BO;25FV$V/9)HDDBBK1G:H/F]P$GV[(?$CX8U?M<2/LT*\X),R!A+F0, \2Y@/!:EHY+;,5R"M4*3B%U @ES(&$N),R#A/E L)I. MK&YEWW3W;0:7%# 2B,H?;=T+*$MPA"YCEB82_7SQ81K-%N,5#!40*.T!I;F@ M-*^@G:YUKT&]>?E0%ZR+8|W;LXSB^,H)%BG_@:Y9|+VQ],\@TL/27- :2XH MS0.E^5"TNDKL2B4V5+,I2%!Z@:0YH#07E.:!TGPH6ETOE5=J&2VV_5I.HWI MO5-0F@-* H)9GCA=;TG:ZPH**-II*&D5] MRHK'-K|+U)ZHO^_|::YFI-V.)XWR&VZ98-T:)VUWB+,[Q&T(>6\/-ZPT\VTZ MN*BOX8%:E0E]I7'1}_U_#\1@G*A&YS\$"?)W.B-S1(C@9O!$!TGX<@I(<4)H+ M2O-:3X4K2ZURKBU3L#Z#:AM"TIS0&DN*.T#I?E0M+I>*O/6.GI^M7[SV@WF M='>#V0[I;3:8[1!KL\'LI'CFNW)P#5_#5[4K7]7>Y:M"MQ>=P$2V4V[)69CJM0S@)D1X[#4AC^S$\AM#I!)3F@-)<4)H'2O.A:'4I5BZN:4&U'QO4SP6E.: T M%Y3F@=)*%I=+Y6?:QO]OU'>-Z)L4QI?WXXVXRQ&. C2.(VRF8UENY0"%]MQM+/3\B>2CX,6>Y5R"$TD0P3S1$UOXJQ1=_:N[C!N"-GH,4Y#R.9NLX:0C?IS M\]VWV6K-:DN<@2L.7]LD[8J54*$0*(;'>9*C2:)!FZM06<4QC80^.=/+DR>]/&FN96_GD](A9'/W1T-(:]FI-V.)XWR&VZ98-T:)VUWB+,[Q&T(>6\/-ZPT\VTZ MN*BOX8%:E0EJ[7'1}_U_#\1@G*A&YS\$"?)W.B-S1(C@9O!$!TGX<@I(<4)H+ M2O-:3X4K2ZURKBU3L#Z#:AM"TIS0&DN*.T#I?E0M+I>*O/6.GI^M7[SV@WF M='>#V0[I;3:8[1!KL\'LI'CFNW)P#5_#5[4K7]7>Y:M"MQ>=P$2V4V[)69CJ M0S@)D1X[#4AC^S$\AM#I!)3F@-)<4)H'2O.A:'4I5BZN:4&U'QO4SP6E.: T M%Y3F@=)*%I=+Y6?:QO]OU'>-Z)L4QI?WXXVXRQ&. C2.(VRF8UENY0"%]MQ M+/3\B>2CX,6>Y5R"$TD0P3S1$UOXJQ1=_:N[C!N"-GH,4Y#R.9NLX:0C?IS M\]VWV6K-:DN<@2L.7]LD[8J54*$0*(;'>9*C2:)!FZ M

=DC3)!KQCF>N$Y\@R^T,#]KR,]K\O =\F\+ M?D2BWB$)@S#N@(]WPV\ST*C;:B/-ENO8>LU='S1>U[%$H21ZN60W&!]_#[:
M;J/P'OWN((/C2X_TJ9OU'4MJ%>4$5G0A,,.T0%1T,D4763J@,C M*U?G4VFP:[AI@7T=E$W _9F49AW8UM'^*=*_4$L#!!0 (,:"'5E^[2 C M#0, "H+ 9 >&PO=V]R:W-H965T1
DCTF-% M?(E'5D=O""A$4BM@]:>$"5"]A=0V?E>:,5AU2$S?':_5/QKOR,L,")HS^(+%, M1]9[*\4PQPLJ:IC],U1 ^?*T7,2K,+U]5V+YKH6@A),LJLMI!1O+R'S]6>=@@
M*)UF@E,1G%V"=X#@5@3WI1&\BN"]-()?$8QUN_1N$A=BB8,A9RO$-5JIZ8') MOF&K?)%2X=9E=XV>VU9V@7Y>SH3DZF7]U53@ M4L)KEM ?L($H< 0C2WVA!/ E6,';-]U>YV-
3=H\!%AY3;'HDL:TZ>'4=O#;U MX'L!'$N2)XBC:%S%B0C:5HE3I&T7]5&W=[07FXFN 'B;&/"28C7WX9,&R"= M&K)ET:\M^]T6[S$G>$;A&8?^7F!_Q^"SB+!$^"U9FC9
_&9_O=[?K]7?!(L4_M%?A)79X2J8L;L>V:-GX[6R5?^VH=4RSL[27((O2G"?0E%\%I"3!\M UU1KYM:D^IEC8WSO0 M[FZJ6R%EJNV-RS\#GIBN2ZCW;)'+\D*H5^O&
[M+T,SOKX^Y@TFU8#U4C6/9M M?^7++O(*\X3D0M5AKD)U+OKJ3/"R,RLGDA6F]9@QJ1H9,TQ5,PM<]3S.6-R M/=$!ZO8X^ -02P,$% @ QH(=6='!L>5V! = \ !D !X,"]W;W)K
M&ULK5=;,]LV%/XKA%8,+9!:MNPXE]D&G*3;.B!; MD+3+0[$'1CRVN*%D1U)VLU^ 0T]6;S17!'FQ1>FT4OJK*0 L^58* M<:96)+8>WB,DU-7D!)34:F*HLJ7Z^
J%6XZ27K%_<\WEAW8MT.EK0.3R_;RXT[A*6Q3& M2Y"&*TDTS,:)M'=YW1LX!2_Q)X>5V7HFSI0GI:ZZQ4$ M:O#"(2&/?QK0I-
W3*6X_K]%_JL:C.4_4P+42CYS98IR<)X3!C%:"WJO5K] 8 M=.,KP-UX;K>'2A?'!:OS*4<],']2'W]\/?/WW\
M\$#>WH"E7)AWY#WY_'!#WKYY1]X0+LDM%P)=;D:IQ1V=7IHWZ%G8$_8+< M*FD+0SY(!FQ7/T6F+=UL3?ZWN\ M_A&\7RJJ;:0 AGR9/AFK.2O_"KFIAAF$85RI7IH%S6&
<8"T:T=$M)OC _^T!MV M?PK9^$!@.Q8/6HL',23)@Z624&"\3="RHE"$.H!I3GV(>X>";8 MVQ R#-0W5GSY[V+:)GN(M?KW/Z1:WWC[]0Q%W.
(;H7[3T+^)]"*P5/N<,7E08$%9IO]D54EW4(:H7!SS> M9]T]KB&97]ALK[NY_W2C=/%F\C])T "KUM=!V_9%M_)&]]# PP6#=P=?G?M 7V6&N[Z=87&;:7]^;2
MV(O>R**\Z[U0E;3T;M& _;'7'J!Z:]]U=NI/1ST0:FGD=O|=3GTA !,X3L=L[0 M5[H>|>]%50L_)3TIBS.7?RQP+ ;M!/#[3"F[7K@-VD%[\A]02P,$% @ MQH(=69LL;$2P @ & < !D
!X;"]W:W)K&UL MS%8,+9!:MNPXE]D&G*3;.BL6[J96ZLVB+D%*TU+U'RH:;>+:1<.G 2bX!CD\?+>B_GVTH M2A,2]6(W8./SOG[.,1RZ&\9?1 8@T3:GA>A9F93EM6V+()8%%;<-
<-<^F/,ZRE;2D@"E'8I7GF+_> &6;GN5: M;P|>R3*3^H$==TN\A!G(V+*U#2,>;@)\$-F)G MC'0F<\9>]&28]BQ' P&%1&H'K&YK& "EVDAA_*T]K69++=P=O[G?F]Q5+G,L
M8,#H+Y+*K&=U+)3"]^H?&2;[U#G$VJ_A%%AKFA3QSH62E9"LKP6*X*<%-4= M;^LZ[C1P5^+?!-HA692>L62QOW.=L@KJ.5FQZ8VABURH84^A1G
MDJM5HG0RGCU/IP]WH[OQ4_\!W0 _'_?%@]$;#|?WD<=1_&D[&Z N:R PXPD* M%.C|%B0F5%RHA>?9+3H_NT!GB!1H1"A5)R.ZME1@VMY.:HB;"L/[O%C1:^0
M[UXBS_&"%OG@M'R2R$;NOY?;]AQ-3;RF)I[Q\X_X33F4F*3H;]N^0%$(%VE= M@KXIP24:K#B'0]+? ;F07+V*?]]2G80)VG?1G^>U*$"/4M]?P+X&JSX\R _F;TKB-
\4Q#_EWA2D>@/:4]WTD='KQK&.?:_3M=>[&1S&>)V@B7D' M%C1@P4FPZE22^C2.XU4NX>[6SC[>88P;==KQP@8O/(GWQ"2FB'T0,CP "/UH M#_(P)@B]=LBH@8Q.0O;3-
2X2$$@UU6&Q5HR.OZ+IBB>9:H^MI-'A27KN'FE+ MC.OLD=H[?4O _T:8+TDA$(6%4CE77U6BO.K#U42RTK2R.9,J.9IAIGY=P'6 M6E\P)M\FNCLV/\X'U!+ P04_"
#&@AU92R#D<,P" "Q!P &0 'AL M+W=O:N*:+I:83:M19D05.4=^N)M)82LF2 MT@RYHH*#Q'G7ZS4NXM#Z,XQZ'SQ(<4YJ[_%YBMN]:0M M7R*8 JQ44OY GE"44&?
JH0)E4N$ M7[V9TM(ONF$=8_557@/Y$]J4>K MK$?K$'OT72BU5X3'DLC\^?$O%+=?)AG4VF62A9*# M.?WCCH:EXO HQ848PHQ"\N@.?I6L*6L5]WQ3-;!P,?
\O>Z8H9RX1X+!8G(MN2X:9#E;OD<]UX;]O^[%8S8B>ZULND# 6$@ M&0 'AL+W=O)0EFKR.2T_5 ,[6WAH=H$0K9H _[M2[P@.R>EO<.WO2*)8@2DO*(IHB1^4"[-
GO3KHS/ [Y&9,TWGI'LR3.E+_ +E M)AAHABR(Q,07D@'#WX],21Q+(BCC6\FI52DECL& MP&P? %@EP-H%V < K1+0.C9#NP2TC\U@EP#[V Q."7".!71*0"<7]QC=7!H7 M"SSL,
[I&3$8#FWS(]#$X973"9BXZ^W",/J H1;=1 M'(.W>%\74)8DU_VRA'%1@G6@A!:ZI;D(.?+2@ 0U>*\9?]6 UV$XJC&QWL9D M9#42?LKB2]0R+Y!E6.VZ_KP/[AX/;]6-QONR3[Z7?
=H,O\7L$AE.'7Q+BE9E MSU;.USK -Z:@:7V*?##28TSEA*Z(-?_W%=(P_ZCR@DLQ52>:I))NH))LJ M(MMR4KMR4KN)?7AH2KM UYD(*8O^ Y-=)S1+19UW&LE/[8Y*,E2;**2
M;%]0.3F9W%ZMAJ9M&'U]5>,)N_*$_?^>"&D<$,9A\?N61>(5_+ B##9AI1G0 M72:XP&D0I8LZ8]A[=3DMNRJKT+NQBE/U5DGF]22;]"2;*B+;\H53^<)I],4C M[.EYQEY1;I
+6',P) %G^& 15KM'&34RGCI]"1S59)Y!9F]87RGRIY MIV9^,[<'RSTBQMN/L:Z,'7%]8CJ[PBCJW)8PW4[8:J,P]_@UW]LA.&EO+MET M#I(D"9Q@<\7J-
&DD/EA33E62N2C*ONZ]@]VI'Y9J8/945%56HK&|<0Q/"%OD- M T> ^7$:++7_56EUB7.=G]YWVL=ESS9IVS^Q-BCN*G_3%C0F<,Q81' %B,H=4
MQF4'9AY6W$(4+X(N\T/P,O5PI,X?0X)AX9V&8=@'169LH;ID M$IVT_WZ4K)@6>4PJ*^TOB2\O7X]'U.%#FCIYRHO/Y8(OCKZD25:>]A:[_F#FWB^X-
4'_>G)0SAGMXQ _>K@NQ+O^ MVF46IRPKXSQ#!;L_[9UYQ]2O"]2*/V+V5&Z\1E53[O+|<_7FV05+DLJ)7,>_C6EO76=5-%8^["DEWDR9_QC"].>Y,> MFK'[<)GPF_SI'6L:-
*S\HCPIZ_HJ=$_>BA:ECO/F\+B"MQX6_T/OS2I\'" M2% @2^."N"F U0+ ^E@^D*4"ZUN W1?RN-0R: G73^ZNVUX$+0AY.3XK!1656KA5 M+^ANKUZ95*L&BBWO!#?QJ(_'"+Z.^?
+C_^A0[1610M MTV42&\GT1 MG'6$\',$SK'1\)=E\A81[P#A ?:!Z[GH7IQ S?FVVNG_KKT5#+(>+J3V(UO\ MSJXN+M$9YT5\M^3A7<(0S]%U6+","Z#?1%[+[]"|
OZ^R9/$B1NY:>PF/T# MC8)5/3Y<3Y4>C\N',&*G/3'J2E8\LM[T^^^\T>!'] MO. M\DWNTW.VC[.LSN8BE29A%C&H'U86H]JBFE4>IX?^Z.BD_[@97T!$CA11 #J-
MVB(*B8:^6M1JYW#=SJ&QG:L$%;425-PD]"0O17:Z8V)*96)BBY*P+,/[. KY MMO2TJFNX<84$*^'0)8+*.P-=@B=**("*)G @1NM C(R!.$OS9<;+C7:*]"WH
MH+HKPXV,G@.!FPNH:.(%166D7:RG!$57^$L= 510@+4XL$A&:]#,NXP-N#) MZWW5V(.J7QV@Z[RHP07,:5!$QOH@4$-BEP2 1!EM5)
<0.";3=4PFWQH3F9>%S3?!7YY.CYK8:%* KN$ M&B7ML$A.]\R@OB\"\P#DUNXK7:/?5[I&OZ]TS=;[2M*[9\9W.X=Y$&3[VE" M5%A=H'3RHC:O=E,EE'MF*C^+^#
(LXC!!52I@<)XT6KQX,G?I%CAUHZ[\$Y5I=MH&JD\A>H MF]BK=[C&+2MX+!<(V$BSCOFKJ6I@ ,T62,<2TG$72-\%?6$ QM7=KPZ: -*HFX)F33LT$MBQ&=CW
M16!8AVJBQDF7]& "2-3=9$#B;=D?PA+?L1G?[?B%@;UP,M9N$D@UT@9#%RJ M\VHW52(Y-BR/Y=1'G!:JFI3AB*"K8+.9PKC3ZO'1"= ^H6.'6CKMS:/2+9'X_W MON,AX<9>Y=
N'&7N70+G+I15V[M+I,K%V)>N72" M+J+OSD^TE %HQFK* #3J<0Q XWG;T])<#I N)WE<41?1-_&U&<)T|*:)ABY1 M-W8 R2'>LGU!)&@3RX\%.^0N^YF<"TBCKN8AC;II
6FV_)!")Z3+GB^$;R MH[I=$@ 2;=#HDBUSKB]1W3>C^K[8RXOQF#S%,M$;R*@T4[,VGVHV6?5O/[& ^?^4%?/ZP8M2W/8B1ZS.=]_ M73_<<58_TJ!\?NX=7WC
YX%W3>/;DC[U9D]\B7K%KA MC-4;GC_43Q_Y5 ?'^?Y_SY357!^A&9ZT]02P,$% @ MQH(=6=WC0!*U! OQ< !D !X;"]W:W)K&UL
MS5AM4^,V$/XK&I=I82;@,&\0FF0&;%_A#@HET$ZGTP_"WB3NV58]*0G]UW9 MQDELQ>%Z[@T?();\[*/=9]=Z&ZP8_RQF)*1&$LAL9,ROFY:0IO!A$5)VP. M,;Z9,!Y1B4T^-
<6<_43HR@T6\UFSXQH$!NC0=)WST<#M!!A$,,])V(1193_M BF,ZDZS-%@3]"T7RGZPR;-,@ MWD)(%F7&Z$$4Q.DO?R*<0R4=#3A;$:[0R*8>$O43:]0KB%6AC"7'MP';R='X\
<[^=\5WX[@/ MXQ^(^\O3]>/OY)@\@!=2(8))X%&54$&PR B:8&*]1;0([02?>"S"XIRIJED" M"6)L SET0-(@%$?(\C1VR.'!$3G E^0V"$/%-# E^JU&-[W,O\O4Q]8.']OD
MEL5R)H@:^^!K]\UJ^WZ%O8EZY:*U7D6[:%42?ER$)Z1M-4BKV>IN_+';?;M[6 MA?-UH[O_>?0M,=IY!:43OO8.OF*ID O_+ZQ;G$SD:]%<;!3-G9P!)_96Z5RG
MI8.V#O!@2=7<(<@?-S@2N980B3]U19.ZU=&[I2;8Q.LF<.LGDEWJ@E:CE]#LSE9I[*B&-K& ^+LA[B5D"VE
MNKE2W?]7[;)&]78[E$]IZ6Y$T"XH5484M'3*B-.,"3E6C;.G4RV7]?:U,#DS0 MR">7$..3)/D'XN2+]2D%(51*E_TY]-L]"OM5?
7N(/.G:C;70(K+FP;2+\Q4&LB.O8&U/I%9E8>"T1CPJ!U/&V2*:S_' MM4W-5-2/@C@0DB>UK8VYUA-5K6Q.K6QN76S;^5F?JJS..YVO*H][7YSA.MF<
M6MG+,6]^6WS17+'6NB_M,YM2]\Q-OIY]73E>;=]2/@UB04*8X%#-DU-T MEZ>WQ6E#LGER'?K,I&11C@#Z@-7 'P_84R^-M0 ^9W]Z%02P,$% @ MQH(=61&UL
MM9I=;]I(%(;_RHBM5]E4Q9ZO,9 %I 2[W:Q*$B7I[D6U%P8&L&IV/$06]D_M?L. MDFT4^?S'#0W9;M3!G=<=C\%]+=(=QGBX\5?
TB8HOFPY]1FLJ,L6_IQNUBU#'3(Z(AG8L4X/XKX!VRC'3P/W/K_2/6?(RF9F?T D+_PD68CWJ]#MH09?^-A2/;/*Y]M$L*@(ED<0!7'^W_]>3,1> "$' D@10(X-L(H JQ%@ MF0<"["+
/G;$;A6DH[DN6<3X_K"'?I*PVRB;>]B4M_9#-?A8MYRN(TX7R)+C\ M-I!Q8OSD?9IZ=_H]N[C_>/T^OGV @X#]+]+PD#\0!(@M_0.0D-OKRY**+= ^\5OV3Z%)G2U&Y'F-I,.XO'
U*Z$]>ED*!\]Y\ M5+5)L\H%8V5^_?I9R="MHE/RK6B$YVU:S M4U.\2C;^G(XZTO42RE]H9_S[;]@Q_U"5!1+F0L(\(%BM0'99(%M'']]MHQGE MB"V+$OFSD**B:@GZJ5E1-
UKP]=6!A+DYK)O!TM^^ES$9&B_[4PXT7&W*N^64 M=[53_DA?:+RER0?TS(0?]J8V!SA["6"">_4<)@]1U6\DZK9%EC-HSD9;9..N M58I]63IEEHXVR_L-Y7YQQL]91-'%9Y8D*]>
[<=KE,KN-9-L:RVEHW+;&,:U& M]FT--FVL3K57IMK3ICIA4;2-@WEF:@EZ8N$V_ 2)L ^U&E;&6=^]I PES(6$> M$*Q6E'Y9E/X9?WGZD 6"A+F0, |
(5BO0H"S0X*TV.&B=K'IZ8)MS0#W&\:0 MUL N<1K.H!#U!K;:&:!973';VBR]M,?A3+J#7'\+>87. S\\OB+TW%.7(*C- M!:5Y4+1ZA?9:&GQ&HRC@4&6"]+F@-
^*5B\3]2%"TEQ0F@=%]]>E;@1O[YQ^ M =H6@M)<4)H'1:N7]6H-L;:Q.4YD'1ZH\5['OI1 M3UZOD#07E.9!T>KU]UI.0F1WF_=*C:WW#"+*5]D+'@F:LVTL\B?(Y=[R)9+K
M[-6)QOX;?#7!BOTNOO+R5T0]?/[&RM3G]T Z34B70;@FVR MMQQF3 @691_7U%]0G@KD]TO&Q.M&.D#Y*L[X?U!+ P04 " #&@AU9HB^" MC/4$ D%@ &0 'AL+W=O$?
F%+C#EX39.,#:PEYZMKVX;A$]>(79$5SL2;.;$I MX])\S9;48RBW"A-:-=O?#M%<68-^YQ2(QWVR9HG<88?*6#K-$7TVPU.R&9@
M06O\\10OEEQVV,/^"BWP%///JT([6"7\BFX^X%-26?"%)6/X+-B76L4"X9IRD MI;&801IGQ3]Z+1VQ9RIXS 9N:>"]!JT: Z\T\(X=H54:M(X=H5T:Y-+M0GON MN
!O-.Q3L@%4H@6:?,B]GUL+?\697"A33L7;6-COX73RX6YR_PQN[I\ /-V- MGF\?I,$3#DD6QDF,\EB2N>A9$((<1R!OT&OOT#?^=T4GE.2!:+@:S\\'DL?0R
M=)UVWW[9#X2.\7P%$^@8W_$.,1,= YT6K$ '[FA7[F@WNF.Z1\1?RL,F_H_H-MF]0/1\2B;('E\P68O(I36;Y%603&:!4+]\7?<70!1BE99]SDE&+(]MY$+SU7
M<8H!XW84IQ@P$*85KQA! 5[Q*Z_XC5X1TBB/OU=['85?U$&+92,2XB3?R3,4 MH"S$QE7A&QP %0<8,*X2\<" @8ZO,_ZM3H[U3Z,\WZ=WK$N,<9QXMB%X"0 M,&X4W7E;T-B
4>0$!DB[IT@V8.I"W]TD=QLEBY.=TW7(UU2F BF:\"6F1]7=_M U6,#1"H,(' 1,,H2@T8K9IKU+:,U1Z>W1RZVF#Z\E-Q^C)3@T@KZQ%5P?YL*
*U4'0Z=;MU5UA!H^]S+9%F%%G(\&/ULJ%>:<;]^CIAL=_MU/+4^M8 ZK74^M8 @NY>C7'HE%V)"YMKW./+H)+(-];K@PQZ=9!!KPXRZ+7W M;KU23!?Y=2,3U;GX)BNN-
:K>ZIB6M_D*2TW\'H_#?V!Q + ;,]EV],7]Z1VB M"WGT)G@NAG*N.B(TM+B2+!]&ULM5==:;IHP%/TK5E9MJ[0U7Q"@@T@MI1W3*%6AVT/5!P,7 ML.K$F6V@D_;C9R7Q
M*R4ULC,U<'>]93^/Q2LQ$RR@R^A/,I/+CM$TT SF>$7E_=M\A5107?_&17Q M7[1)8CT5/%7)R8(4K#((2)C\XH>T$#L N[8'X*0 YZ4_P6XL= DLUC6&9;8
M,W.V05Q'*S:JB&L3HY4:$NHVCB17;XG"27_4NQCT+L>H?WD^O!Z^?L!K./SW!VS/^E(D MO'"*R7!GY+FNE07EL]UEV=9>D.TVQ:+42O&O;4Q%9#FI]4QJ_0W]6:.^R#!61
MYK;L[4O,*)4O<"6Y>? M^MJ&5L66K]'.$&6_H;53\]f'41%;OA2/(Y5=.JK\F[U3SMU!P6EY3_U=$&6W MG*<&-W>&8?TE,L!\0903*5>7'!' P IPD !D !X M,"]W;W)K&ULK99=;]HP%
(;_BI550RNUS2=)Z" 2 MI73KU \$[78Q[<*$ UAU8FH,Z;&R+!]B1E\@=O-V/%YCY_*UAU8FH,Z;&R+!]8 M$KTF'!5=8R'E\L(T1;R (IS&MH14C@:H8&F,,K*D=L
M\Q4*0RV=+V949+]HD\?Z@8'BE9 L*<2*("%I_H]?BT)L"6SO@_I!,Y[!6XA M<=#.C.5EFZPI+''4XVR"NHU4VWZNW%3NRQ(X90F<_M+)\[J 0P5_M2HA$L&9?39]["[$$L?0
=2Y$L#7 M8$0?/]B^];G.ZG]*MF/<+I8V[3=FC1R8Q56=1V\83"DCDE1"?$!8"9.W2YBG] M+,*5^1ZRCP&\Y'7.]|:H.Y+NN50;MT'HEK==(V\=B@7 Z1;%NP,N*K#'5M'64
M>;K6M%H#MN_N4U2#=''?QI9V6]DO&7I_$P"3]I-N@8ADT.$K2]A%>P!5F_" MNQ[+_'\=^*I5QUP#E,B(M@+Q6O>*G MJ\(2W.B=V@O SU%O3A>)2N*!1KN)?
K8_L'Z6]BS$%3PSFS/:^V9](MRW7:.] MC;"T$;ZSW+K*'&)0FU:Y]"UU6+ GVWN4U9@#IZI=$K8;"8?%C:P/%I,+X_U[MH5V9O+5U]'/:HSGA_6(MO7OCK(:
(7L'D0KA]INF[>1;80>])BKT0W0XP7%' MRR6OPBU/P:/P)/C8^6D[GVKL@]VDVF*?S^<[WSD^:,:P_2[7F]'!\]?)6&1?E MR%\H5;P)@G*VH:DIS_*'"'HVDNK*=-3(($)R,_&
[WV/4LWR1,Z\F]/7GY9YNKBA6?O1Z^.CC]W MIQ>[]A,#G/]!D_3\ ;1G'9Q78QAUM$U=+S_67(WO,>;<=^OZ_?TGDFZ+[$]X
MX%#52D+UQ&X]OWX@IKEH^RCTK4%')AGU[@@?^M^1/'V50R\$!)OOC:FGM@F.4\EY[2#:RE=,%?2K PU\Z@MRN>C(E1$]%2>Z4'"R#P?Q&BH/;]!IIU1SJ_A MP?
^<;G&OTHT]3L]F]$65 TMC9T_R:,Y=ZD#1_%ZQ7L+E?OECH=8>;0*_1* MTI2MS'R5-@[P]B[.3H]"K]]R-A<9M?1YX<@,CH$D0?1DX-#$!D?
@,C^DWUK[A495*>,C:/,UD&FL7IP M8!SYG^!HRMN@WG3)N&*BFBU8DE!Q[SRCZ169ZC^/MOCU^H2F9,G530.._';\ MD29LF<7-JBLH1+6]'7^]+I1PJ[@U[@G$DCC$$>M'=
MHU&$5">"CWM_L*0_NO(^"^CT5MA\S M'A!4$L#!!0 (_:"'5F7BKL"

*-8?20$3;8T.P6BP^0"X9 M9K>]9!:GQ1K7OJ9.42IS]P]N>:_^B@?SN]-%'Q9/PK1K(LSX_S<,EOSO!Q\M^GBX5R3/X(>]$5F35Z4ZJ\L9$W/RX'[?M"#-@Z+_U M_E,L+P?G
U8_5M]N*IG_K,J&%TDFJZ*X'SW)Q9"-GGVV^%$0Z;\OFZ/-/P^ MY@KD=$(.>6-N);5=I.7#_HVZE^<M@;_1EL/A=5^(^'3_*<9]M#2;43 MDD7\0>@_I7[%7^[_8*#(0'')#[DZ(?
UERTC(@P93+TB*5/2HDL:TZ>'4=O#;U MX'L!'$N2)XBC:%S%B0C:5HE3I&T7]5&W=[07FXFN 'B;&/"28C7WX9,&R"= M&K)ET:\M^]T6[S$G>$;A&8?^7F!_Q^"SB+!$^"U9FC9
M4#D$7"_0%+:,0[^?O.3WP-E,"1^QP;NL]IF6)OX05W'CL)E)3K/R 6:A1BI20W M;NR=]KILF]UM!K@KQ4YQ&0R)+:)'R@JCZ7N/UZG*C%W#@(GE$7@I>^**O)BU
M10C9,&4,B9UQ'8;3S_Y\SMQ@RL+T1O'YJF\&U_[5W&,NQ,2D,22VQLSU8[9P MYZI#W'IN["]4/UAT&QTFAR&O':,>50I9, <,B240 M>ZF_KS$6*^<$LC&]= M6)H&9@:#V
OJ(+GUTI;MP6II} ZP;6G:#O-S\ )85!{(@TG?]V$<]4SDG?.M4WY OT V=,)!{C$NVI.X]%BN_H%,%48Q*]U^ ^_V]UDD9/OU,A-LFM=94>5; M"2>5U%O3A>)2N*!1KN)?
JJDV"^Z>0"$FIA.#6"=^F55KP5+ ^7=2]98A)O"'"6 M2%^PUP/!;O/#'#(B=@@:#W8Q,9N,B&W2%VKU5CFFEA&U6GZ/N7H9 M,:^,CIFKZM8W9IC1&V:K-
*.7^,PDX"H(T\LBL#'3'F&/&O(I1F!N4519>Q&K M5BS:2HB).69.I)@NIE\V*I35",RM:]&)9\>88\;$CNEB1K)B,WT;YI?M[2 F MIILQL6X IFZ;L9],G3\,Q4 SXM.:;(+)
<0"^K4+N8$;^9/PP DQ,0& B07T M/$]X*KY.W4;4,WZC"HGY&WO(-) M>6=,GAY[P@R# '8G*9O[I4_5\U3!91Q"#$O(XR)O7/ C(7>1* G_AN0IJC@
M)B+F'9/8.Z]/8EL'04S,_^:1%E+V,)93B(EYQWS#)93><F&Y,Z8?8ZLYEO$QT99Y8 [VIBY>#$!.3CTDLG_X,RW, /##$Q ^9C$
M\L%S+'#+B(G)QR26#XX)MSJ8F'Q,8OG@F""S@X7)QSIJ8LV"F)A\!+&++YX)@V MQ,3D8Q'+!\=T("9F(8O80]^F*6<\#EVP',3$+6<06>@WSZ3C$Q"QD$5L(9E.G M0N:
[=E1_S_*R$,*3]+'0*6)OM^3/X*SW]RF0A5G((M\&\(SY'BPEUHR72[;$ MLK0P"UG$%NI@[KL +[9"YXJ6]@\U 3,Q"%K&%.IC>.;B74U/<)43=3N"\0LY! M;*$VZ9]LUVLN?
VB^>.4F;ZF0.J6A[AL8%MN8A6QB"^W7)\+'2C;G+W2G;H*Y MJXI=IS0Q"]GDRSL*4R=9>5VK:Y>]TR :;$Y#]%]HL\A6C4.*FK.Y.BF;]D8^"0 M:6,"LHD%U&
(*"_66(Z8>FUP]"O!*YLL'H?H,+]5(E+6/.NQ1(2:F'IL\^X8M MG\&9A8UN3R,/OF&8G4W4'IL8O5T5ODF:G+#9O/P<]^N+QM3CTVL'C]8*,0P M,M+,;1Q-
PZQ;N:"UZ(?"],+0ZR7SVX681=V,+$X MY(^](%L-V0G$O,3B$(NE?P4\;.KLJPHF-A 3TXM#O9_@!?-=8;BZH%W=>OXR]"5P]N\#4<[% .,+2]MN/[T<2E6>2F6@?
J)6AW/>)%%DND7?:>A,3;UOO35MB@FZEA8JMAP>7C]/!P M[*?_ %!+ P04 " #&@AU97T[]"J8" "8-0 &@ 'AL+U]R96QS+W=O MHZ<>7KR?N7C] M.I?_F=AM-
OMU^=VM_QS+:2$?JCZ]^'722ECM7AM^4VT95U7]>;A+MVV1 M+K1WOPX M3*X6SV^K]G]^'U4]=Y! D.P?%*$HSA@(^C-Y0A*.\?!"D\P<9!:G\00Y! M/G]0 T'_ $%AB3(N"9(F6!
H'9#K0.!U0+ #@=@!R0X$9@=$.Q"H'9#M0.!V M0+@#@=P!ZQX$=@?$.O#H+;BW$.@MJ+<0Z"V3'!L$>@OJ+01Z"^HM!'H+ZBT$
M>@OJ+01Z"^HM!'H+ZBT$>@OJ+01Z1\0[$N@=4>]{H'=$O2.!WG&R64*@=T2] M(X'>$?6.!'!'U#L2Z!U1[TB@=T2](X'>$?6.!'HGU#L1Z)U0[T2@=T*]$X'>_M"?
5.!'JGR68W@=X)}4X$>B?4.Q'HG5#O1*!W0KT3@=X}}4X$>F?4.O/HG5'O M3*!W1KT3@=X9]F?4.Q/HG2=_5A+HG5'O3*!W1KT$@=X9]F?4.Q/H MK:BW$NBMJ+
<2Z*VHMQ+HK:BW$NBMJ+<2Z*VHMQ+HK9/#)@1Z*^JM!'HKZ]T$ M>BOJK01Z&^IM!'H;ZFT$>AOJ;01Z&^IM!'H;ZFT$>AOJ;01Z&^IM!'K;Y+ @
M@=Z&>AN!WH9Z&X'>CGH[@=Z,>CN!WHYZ.X'>CGH[@=Z,>CN!WHYZ.X'>CGH[M@=Z,>CN!WCXY[$V@MZ/>3]!W@WHW!'HWJ'?SDWH/X]>A#+>>>[S4^_R>I'B_?
M+;,?'7Y??%R[M]6(OX"6F1.2?;+>C;S\3VDJ;.K2*2?O>$('M\SOQD3YW7'][GJQ?'/IN\)MD M%\+T*DXV2&N;$?7FQ"_NH=L,O7>/-A,K%8J]\,S:)&::.NK8V(:YG3T/S6\KR)2&)^<] M?
M=._BIN2+)W$XXK?PYX.??UR3K7 G9Q;U$X8OJX*SMTF0 /G?7'^1+0]#AN MMVUME[%^[..1U$ .FL;OK U]EYZ*7!U/#O&&[>DSOSA_+G,N,.Z|=^/DX]2< M_?C"]*$A?
520/M:0/O(5I1&*J#F%U)QB:DY!.:>H MFE-8S2FNYA18&UL4$L! A0#% @ QH(=64C) M*B/O *P(!$ (!KP &1O8U!R;W!S+V-O&UL M4$L! A0#% @ QH(=69E&PO=V]R:W-
H965T&UL M4$L! A0#% @ QH(=6:M2RRJ!!P XBT !@ (":!(@X M 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(= M67]T^_L':!P A\ !@ (":!HQX 'AL+W=O E

!X,"]W:W)K&PO=V]R:W-H M965T&UL4$L! A0#% @ QH(=65 SP3(/#P_V;$!@ M ("!0C$ 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(=6:,:S M$(2W! 70H !D ("!'F('AL+W=O&PO=V]R:W-H965TKV9X@(* & 9 " @4YQ !X,"]W;W)K&UL4$L! A0#% @ QH(=68X+1!=/!@ L \ !D M ("!9W0 'AL+W=O@ >&PO M=V]R:W-H965T&UL4$L! A0#% @ QH(=689#> 27!P 1, !D ("! MV(P 'AL+W=O&PO=V]R:W-H965T!@8 'L, 9 M " @1"; !X,"]W;W)K&UL4$L! A0#% M @ QH(=68+DL=D " ?!(!D ("!3: 'AL+W=O&UL4$L! A0#% @ QH(=66]',4%X M @ KP< !D ("!['4 'AL+W=ON >&PO=V]R:W-H965T&UL4$L! A0#% @ QH(=6<8G>^+/" 01< !D M ("!ML, 'AL+W=O&PO=V]R M:W-H965T&UL M4$L! A0#% @ QH(=6>1TK[K _@ W 8 !D ("!O (M 'AL+W=O,$ #B"P &0 @('RU0 >&PO=V]R:W-H965T&UL4$L! A0#% @ MQH(=6> Q _^1]!0 *! !D ("!;M('AL+W=O&UL4$L! A0#% @ QH(=6=&?G 'F!0 M#Q !D ("! NP 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(=67.D7]2L @ Q 4 !D M ("!;/T 'AL+W=O&PO=V]R:W-H M965TH' 0!X;"]W;W)K&UL4$L! M A0#% @ QH(=62R*K ,!@ 0#0 !D ("!W T! 'AL M+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(= M62CZ?T!V P $ \ !D ("!8QL! 'AL+W=OH* "8>0 &0 M @($0'P$ >&PO=V]R:W-H965T0(/P& 9 " @3$] 0!X;"]W;W)K M&UL4$L! A0#% @ QH(=63[SX4$8 P $PX M !D ("!X2P! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(=61_%R2!"! O1D !D M ("!,C&PO=V]R:W-H965T M&UL4$L! A0# M% @ QH(=68O):TN* P]@@ !D ("!?D(! 'AL+W=O M&PO=V]R:W-H965T&UL4$L! A0#% @ QH(=67(^ MBX&L @ %P@ !D ("!R4P! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(=602.#[51!0)AT !D M ("!BU8! 'AL+W=O&PO M=V]R:W-H965T&UL4$L! A0#% @ QH(=6:OP=&>Y @ %P< !D ("! MC&(! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% M @ QH(=6;!\,Q[P .!$!D ("!;V\! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(=65L,LUJM M P *!(!D ("!HGX! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(=6=*++;.!)!0 IAX !D M ("!'0 &0 @('SDP$ >&PO=V]R M:W-H965T&UL M4$L! A0#% @ QH(=60V5&&0R @ _ 0 !D ("!]L! M 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ MQH(=686)!P^"! K!H !D ("!EZ@! 'AL+W=O&UL4$L! A0#% @ QH(=67[M("_ P M*@L !D ("!_;('AL+W=O&PO=V]R:W-H965TZZ 0!X;"]W;W)K&UL4$L! A0#% @ QH(=64L@Y'#, @ L0< !D M ("!U;T! 'AL+W=O>ZULND# 6$@ &0 @('8P $ >&PO=V]R:W-H M965T&UL4$L! M A0#% @ QH(=6=WC0!*U! OQ< !D ("!@LP! 'AL M+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ QH(= M6&PO=V]R:W-H965T?B 0!X;"]S=`EL M97.N>&UL4$L! A0#% @ QH(=69>*NQS $P(L M (!9N8! %]R96QS+RYR96QS4$L! A0#% @ QH(=686)G<7!E&UL4$L%!@ !C _&, +!L /;S 0 $! end XML 107 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 108 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.text{ 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 sup{ font-style: italic; } .report .outerFootnotes{ font-size: 1em; } XML 110 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.2.u1 html 408 371 1 false 77 0 false 9 false false R1.htm 0000001 - Document - Cover Page Sheet http://www.keysight.com/role/CoverPage Cover Page Cover 1 false false R2.htm 9952151 - Statement - CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS (Unaudited) Sheet http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS (Unaudited) Statements 2 false false R3.htm 9952152 - Statement - CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) Sheet http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) Statements 3 false false R4.htm 9952153 - Statement - CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) (Parenthetical) Sheet http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnauditedParenthetical CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) (Parenthetical) Statements 4 false false R5.htm 9952154 - Statement - CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) Sheet http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) Statements 5 false false R6.htm 9952155 - Statement - CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) (Parenthetical) Sheet http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) (Parenthetical) Statements 6 false false R7.htm 9952156 - Statement - CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (Unaudited) Sheet http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (Unaudited) Statements 7 false false R8.htm 9952157 - Statement - CONDENSED CONSOLIDATED STATEMENT OF EQUITY Statement Sheet http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement CONDENSED CONSOLIDATED STATEMENT OF EQUITY Statement Statements 8 false false R9.htm 9952158 - Disclosure - OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES Sheet http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIES OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES Notes 9 false false R10.htm 9952159 - Disclosure - ACQUISITIONS Sheet http://www.keysight.com/role/ACQUISITIONS ACQUISITIONS Notes 10 false false R11.htm 9952160 - Disclosure - REVENUE (Notes) Notes http://www.keysight.com/role/REVENUENotes REVENUE (Notes) Notes 11 false false R12.htm 9952161 - Disclosure - SHARE-BASED COMPENSATION Sheet http://www.keysight.com/role/SHAREBASEDCOMPENSATION SHARE-BASED COMPENSATION Notes 12 false false R13.htm 9952162 - Disclosure - INCOME TAXES Sheet http://www.keysight.com/role/INCOMETAXES INCOME TAXES Notes 13 false false R14.htm 9952163 - Disclosure - NET INCOME PER SHARE Sheet http://www.keysight.com/role/NETINCOMEPERSHARE NET INCOME PER SHARE Notes 14 false false R15.htm 9952164 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS Sheet http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETS GOODWILL AND OTHER INTANGIBLE ASSETS Notes 15 false false R16.htm 9952165 - Disclosure - FAIR VALUE MEASUREMENTS Sheet http://www.keysight.com/role/FAIRVALUEMEASUREMENTS FAIR VALUE MEASUREMENTS Notes 16 false false R17.htm 9952166 - Disclosure - DERIVATIVES Sheet http://www.keysight.com/role/DERIVATIVES DERIVATIVES Notes 17 false false R18.htm 9952167 - Disclosure - DEBT Sheet http://www.keysight.com/role/DEBT DEBT Notes 18 false false R19.htm 9952168 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS Sheet http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANS RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS Notes 19 false false R20.htm 9952169 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION (Notes) Notes http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONNotes SUPPLEMENTAL FINANCIAL INFORMATION (Notes) Notes 20 false false R21.htm 9952170 - Disclosure - COMMITMENTS AND CONTINGENCIES Sheet http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIES COMMITMENTS AND CONTINGENCIES Notes 21 false false R22.htm 9952171 - Disclosure - STOCKHOLDERS' EQUITY Sheet http://www.keysight.com/role/STOCKHOLDERSEQUITY STOCKHOLDERS' EQUITY Notes 22 false false R23.htm 9952172 - Disclosure - SEGMENT INFORMATION Sheet http://www.keysight.com/role/SEGMENTINFORMATION SEGMENT INFORMATION Notes 23 false false R24.htm 995410 - Disclosure - Pay vs Performance Disclosure Sheet http://xbrl.sec.gov/ecd/role/PvpDisclosure Pay vs Performance Disclosure Notes 24 false false R25.htm 995445 - Disclosure - Insider Trading Arrangements Sheet http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements Insider Trading Arrangements Notes 25 false false R26.htm 9954471 - Disclosure - ACQUISITIONS (Tables) Sheet http://www.keysight.com/role/ACQUISITIONSTables ACQUISITIONS (Tables) Tables http://www.keysight.com/role/ACQUISITIONS 26 false false R27.htm 9954472 - Disclosure - REVENUE (Tables) Sheet http://www.keysight.com/role/REVENUETables REVENUE (Tables) Tables http://www.keysight.com/role/REVENUENotes 27 false false R28.htm 9954473 - Disclosure - SHARE-BASED COMPENSATION (Tables) Sheet http://www.keysight.com/role/SHAREBASEDCOMPENSATIONTables SHARE-BASED COMPENSATION (Tables) Tables http://www.keysight.com/role/SHAREBASEDCOMPENSATION 28 false false R29.htm 9954474 - Disclosure - Income Taxes (Tables) Sheet http://www.keysight.com/role/IncomeTaxesTables Income Taxes (Tables) Tables 29 false false R30.htm 9954475 - Disclosure - NET INCOME PER SHARE (Tables) Sheet http://www.keysight.com/role/NETINCOMEPERSHARETables NET INCOME PER SHARE (Tables) Tables http://www.keysight.com/role/NETINCOMEPERSHARE 30 false false R31.htm 9954476 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Tables) Sheet http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables GOODWILL AND OTHER INTANGIBLE ASSETS (Tables) Tables http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETS 31 false false R32.htm 9954477 - Disclosure - FAIR VALUE MEASUREMENTS (Tables) Sheet http://www.keysight.com/role/FAIRVALUEMEASUREMENTSTables FAIR VALUE MEASUREMENTS (Tables) Tables http://www.keysight.com/role/FAIRVALUEMEASUREMENTS 32 false false R33.htm 9954478 - Disclosure - DERIVATIVES (Tables) Sheet http://www.keysight.com/role/DERIVATIVESTables DERIVATIVES (Tables) Tables http://www.keysight.com/role/DERIVATIVES 33 false false R34.htm 9954479 - Disclosure - DEBT (Tables) Sheet http://www.keysight.com/role/DEBTTables DEBT (Tables) Tables http://www.keysight.com/role/DEBT 34 false false R35.htm 9954480 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Tables) Sheet http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSTables RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Tables) Tables http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANS 35 false false R36.htm 9954481 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION (Tables) Sheet http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONTables SUPPLEMENTAL FINANCIAL INFORMATION (Tables) Tables http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONNotes 36 false false R37.htm 9954482 - Disclosure - STOCKHOLDERS' EQUITY (Tables) Sheet http://www.keysight.com/role/STOCKHOLDERSEQUITYTables STOCKHOLDERS' EQUITY (Tables) Tables http://www.keysight.com/role/STOCKHOLDERSEQUITY 37 false false R38.htm 9954483 - Disclosure - SEGMENT INFORMATION (Tables) Sheet http://www.keysight.com/role/SEGMENTINFORMATIONTables SEGMENT INFORMATION (Tables) Tables http://www.keysight.com/role/SEGMENTINFORMATION 38 false false R39.htm 9954484 - Disclosure - OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Details) Sheet http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Details) Details http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIES 39 false false R40.htm 9954485 - Disclosure - ACQUISITIONS OF ESI (Narrative) (Details) Sheet http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails ACQUISITIONS OF ESI (Narrative) (Details) Details 40 false false R41.htm 9954486 - Disclosure - ACQUISITIONS (Allocation of Purchase Price) (Details) Sheet http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails ACQUISITIONS (Allocation of Purchase Price) (Details) Details http://www.keysight.com/role/ACQUISITIONSTables 41 false false R42.htm 9954487 - Disclosure - ACQUISITIONS (Intangible Assets Acquired) (Details) Sheet http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails ACQUISITIONS (Intangible Assets Acquired) (Details) Details http://www.keysight.com/role/ACQUISITIONSTables 42 false false R43.htm 9954488 - Disclosure - ACQUISITIONS (Pro Forma Information) (Details) Sheet http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails ACQUISITIONS (Pro Forma Information) (Details) Details http://www.keysight.com/role/ACQUISITIONSTables 43 false false R44.htm 9954489 - Disclosure - ACQUISITION OF RISCURE (Details) Sheet http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails ACQUISITION OF RISCURE (Details) Details 44 false false R45.htm 9954490 - Disclosure - ACQUISITIONS OF ANAPICO (Details) Sheet http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails ACQUISITIONS OF ANAPICO (Details) Details 45 false false R46.htm 9954491 -

Disclosure - REVENUE (Details) Sheet http://www.keysight.com/role/REVENUEDetails REVENUE (Details) Details http://www.keysight.com/role/REVENUETables 46 false false R47.htm 9954492 - Disclosure - REVENUE Contract Assets (Details) Sheet http://www.keysight.com/role/REVENUEContractAssetsDetails REVENUE Contract Assets (Details) Details 47 false false R48.htm 9954493 - Disclosure - REVENUE Capitalized Contractual Cost (Details) Sheet http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails REVENUE Capitalized Contractual Cost (Details) Details 48 false false R49.htm 9954494 - Disclosure - REVENUE CONTRACT LIABILITIES ROLL FORWARD (Details) Sheet http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails REVENUE CONTRACT LIABILITIES ROLL FORWARD (Details) Details 49 false false R50.htm 9954495 - Disclosure - REVENUE Remaining performance obligations (Details) Sheet http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails REVENUE Remaining performance obligations (Details) Details 50 false false R51.htm 9954496 - Disclosure - SHARE-BASED COMPENSATION (Allocation of period costs) (Details) Sheet http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails SHARE-BASED COMPENSATION (Allocation of period costs) (Details) Details http://www.keysight.com/role/SHAREBASEDCOMPENSATIONTables 51 false false R52.htm 9954497 - Disclosure - SHARE-BASED COMPENSATION SHARE-BASED COMPENSATION (Textuals) (Details) Sheet http://www.keysight.com/role/SHAREBASEDCOMPENSATIONSHAREBASEDCOMPENSATIONTextualsDetails SHARE-BASED COMPENSATION SHARE-BASED COMPENSATION (Textuals) (Details) Details 52 false false R53.htm 9954498 - Disclosure - INCOME TAXES (Details) Sheet http://www.keysight.com/role/INCOMETAXESDetails INCOME TAXES (Details) Details http://www.keysight.com/role/INCOMETAXES 53 false false R54.htm 9954499 - Disclosure - INCOME TAXES INCOME TAXES (Tax incentives) (Details) Sheet http://www.keysight.com/role/INCOMETAXESINCOMETAXESTaxincentivesDetails INCOME TAXES INCOME TAXES (Tax incentives) (Details) Details 54 false false R55.htm 9954500 - Disclosure - INCOME TAXES INCOME TAXES (Income tax examination) (Details) Sheet http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails INCOME TAXES INCOME TAXES (Income tax examination) (Details) Details 55 false false R56.htm 9954501 - Disclosure - NET INCOME PER SHARE NET INCOME PER SHARE (Computation) (Details) Sheet http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHAREComputationDetails NET INCOME PER SHARE NET INCOME PER SHARE (Computation) (Details) Details 56 false false R57.htm 9954502 - Disclosure - NET INCOME PER SHARE (Narratives) (Details) Sheet http://www.keysight.com/role/NETINCOMEPERSHARENarrativesDetails NET INCOME PER SHARE (Narratives) (Details) Details http://www.keysight.com/role/NETINCOMEPERSHARETables 57 false false R58.htm 9954503 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Goodwill Roll forward) (Details) Sheet http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails GOODWILL AND OTHER INTANGIBLE ASSETS (Goodwill Roll forward) (Details) Details http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables 58 false false R59.htm 9954504 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS IMPAIRMENT (Details) Sheet http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSIMPAIRMENTDetails GOODWILL AND OTHER INTANGIBLE ASSETS IMPAIRMENT (Details) Details 59 false false R60.htm 9954505 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Disclosures and Components of Purchased Other Intangibles) (Details) Sheet http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails GOODWILL AND OTHER INTANGIBLE ASSETS (Disclosures and Components of Purchased Other Intangibles) (Details) Details http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables 60 false false R61.htm 9954506 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Acquisition Narratives) (Details) Sheet http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails GOODWILL AND OTHER INTANGIBLE ASSETS (Acquisition Narratives) (Details) Details http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables 61 false false R62.htm 9954507 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Intangible assets narratives) (Details) Sheet http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSIntangibleassetsnarrativesDetails GOODWILL AND OTHER INTANGIBLE ASSETS (Intangible assets narratives) (Details) Details http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables 62 false false R63.htm 9954508 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Finite-Lived Assets Future Amortization Expense) (Details) Sheet http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails GOODWILL AND OTHER INTANGIBLE ASSETS (Finite-Lived Assets Future Amortization Expense) (Details) Details http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables 63 false false R64.htm 9954509 - Disclosure - FAIR VALUE MEASUREMENTS (Fair value of assets and liabilities measured on a recurring basis) (Details) Sheet http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails FAIR VALUE MEASUREMENTS (Fair value of assets and liabilities measured on a recurring basis) (Details) Details http://www.keysight.com/role/FAIRVALUEMEASUREMENTSTables 64 false false R65.htm 9954510 - Disclosure - FAIR VALUE MEASUREMENTS FAIR VALUE MEASUREMENTS (Net recognized gains losses on equity securities) (Details) Sheet http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFAIRVALUEMEASUREMENTSNetrecognizedgainslossesonequitysecuritiesDetails FAIR VALUE MEASUREMENTS FAIR VALUE MEASUREMENTS (Net recognized gains losses on equity securities) (Details) Details 65 false false R66.htm 9954511 - Disclosure - DERIVATIVES Derivative, interest rate swaps (Details) Sheet http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails DERIVATIVES Derivative, interest rate swaps (Details) Details 66 false false R67.htm 9954513 - Disclosure - DERIVATIVES ACQUISITION (Details) Sheet http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails DERIVATIVES ACQUISITION (Details) Details 67 false false R68.htm 9954514 - Disclosure - DERIVATIVES, Disclosures and derivative instrument aggregated notional amounts by currency and designations (Details) Sheet http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails DERIVATIVES, Disclosures and derivative instrument aggregated notional amounts by currency and designations (Details) Details 68 false false R69.htm 9954515 - Disclosure - DERIVATIVES, Fair value of derivative instruments and Consolidated Balance Sheet location (Details) Sheet http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails DERIVATIVES, Fair value of derivative instruments and Consolidated Balance Sheet location (Details) Details 69 false false R70.htm 9954516 - Disclosure - DERIVATIVES, Effect of derivative instruments on Consolidated Statement of Operations (Details) Sheet http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails DERIVATIVES, Effect of derivative instruments on Consolidated Statement of Operations (Details) Details 70 false false R71.htm 9954517 - Disclosure - DEBT Summary of Long Term Debt incl. unamortized cost (Details) Sheet http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails DEBT Summary of Long Term Debt incl. unamortized cost (Details) Details 71 false false R72.htm 9954518 - Disclosure - DEBT (Short-Term Debt - Revolving Credit Facility) (Details) Sheet http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails DEBT (Short-Term Debt - Revolving Credit Facility) (Details) Details http://www.keysight.com/role/DEBTTables 72 false false R73.htm 9954519 - Disclosure - DEBT ESI assumed (Details) Sheet http://www.keysight.com/role/DEBTESIassumedDetails DEBT ESI assumed (Details) Details 73 false false R74.htm 9954520 - Disclosure - DEBT letter of credits (Details) Sheet http://www.keysight.com/role/DEBTletterofcreditsDetails DEBT letter of credits (Details) Details 74 false false R75.htm 9954521 - Disclosure - DEBT FAIR VALUE (Details) Sheet http://www.keysight.com/role/DEBTFAIRVALUEDetails DEBT FAIR VALUE (Details) Details 75 false false R76.htm 9954522 - Disclosure - DEBT Bridge Loan Facility (Details) Sheet http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails DEBT Bridge Loan Facility (Details) Details 76 false false R77.htm 9954523 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Net Pension and post-retirement benefit cost(benefit) components) (Details) Sheet http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Net Pension and post-retirement benefit cost(benefit) components) (Details) Details http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSTables 77 false false R78.htm 9954524 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Contributions) (Details) Sheet http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Contributions) (Details) Details http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSTables 78 false false R79.htm 9954525 - Disclosure - SUPPLEMENTAL CASH FLOW INFORMATION (Cash, cash equivalents an restricted cash reconciliation) (Details) Sheet http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails SUPPLEMENTAL CASH FLOW INFORMATION (Cash, cash equivalents an restricted cash reconciliation) (Details) Details 79 false false R80.htm 9954526 - Disclosure - INVENTORY (Details) Sheet http://www.keysight.com/role/INVENTORYDetails INVENTORY (Details) Details 80 false false R81.htm 9954527 - Disclosure - Lease (Details) Sheet http://www.keysight.com/role/LeaseDetails Lease (Details) Details 81 false false R82.htm 9954528 - Disclosure - WARRANTIES (Details) Sheet http://www.keysight.com/role/WARRANTIESDetails WARRANTIES (Details) Details 82 false false R83.htm 9954529 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION - Other assets (Details) Sheet http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails SUPPLEMENTAL FINANCIAL INFORMATION - Other assets (Details) Details 83 false false R84.htm 9954530 - Disclosure - COMMITMENTS AND CONTINGENCIES (Details) Sheet http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIESDetails COMMITMENTS AND CONTINGENCIES (Details) Details http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIES 84 false false R85.htm 9954531 - Disclosure - STOCKHOLDERS' EQUITY (Stock Repurchase Program) (Details) Sheet http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails STOCKHOLDERS' EQUITY (Stock Repurchase Program) (Details) Details http://www.keysight.com/role/STOCKHOLDERSEQUITYTables 85 false false R86.htm 9954532 - Disclosure - STOCKHOLDER'S EQUITY - Accumulated Other Comprehensive Income (Details) Sheet http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails STOCKHOLDER'S EQUITY - Accumulated Other Comprehensive Income (Details) Details 86 false false R87.htm 9954533 - Disclosure - STOCKHOLDERS' EQUITY - Reclassifications out of accumulated comprehensive income (Details) Sheet http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails STOCKHOLDERS' EQUITY - Reclassifications out of accumulated comprehensive income (Details) Details 87 false false R88.htm 9954534 - Disclosure - SEGMENT INFORMATION Profitability (Details) Sheet http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails SEGMENT INFORMATION Profitability (Details) Details 88 false false R89.htm 9954535 - Disclosure - SEGMENT INFORMATION Reconciliation of Reportable Results (Details) Sheet http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails SEGMENT INFORMATION Reconciliation of Reportable Results (Details) Details 89 false false R90.htm 9954536 - Disclosure - SEGMENT INFORMATION ASSETS (Details) Sheet http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails SEGMENT INFORMATION ASSETS (Details) Details 90 false false R91.htm 9954537 - Disclosure - SEGMENT INFORMATION ASSETS RECON (Details) Sheet http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails SEGMENT INFORMATION ASSETS RECON (Details) Details 91 false false All Reports Book All Reports keys-20240731.htm keys-20240731.xsd keys-20240731_cal.xml keys-20240731_def.xml keys-20240731_lab.xml keys-20240731_pre.xml http://fasb.org/srt/2024 http://fasb.org/us-gaap/2024 http://xbrl.sec.gov/dei/2024 http://xbrl.sec.gov/ecd/2024 true true JSON 113 MetaLinks.json IDEA: XBRL DOCUMENT { "version": "2.2", "instance": { "keys-20240731.htm": { "nsprefix": "keys", "nsuri": "http://www.keysight.com/20240731", "dts": { "inline": { "local": ["keys-20240731.htm"] }, "schema": { "local": ["keys-20240731.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.org/lrr/role/negated-2009-12-16.xsd", "http://www.xbrl.org/lrr/role/net-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/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/dei/2024/dei-2024.xsd", "https://xbrl.sec.gov/ecd/2024/ecd-2024.xsd", "https://xbrl.sec.gov/stpr/2024/stpr-2024.xsd"] }, "calculationLink": { "local": ["keys-20240731_cal.xml"] }, "definitionLink": { "local": ["keys-20240731_def.xml"] }, "labelLink": { "local": ["keys-20240731_lab.xml"] }, "presentationLink": { "local": ["keys-20240731_pre.xml"] }, "keyStandard": 352, "keyCustom": 19, "axisStandard": 26, "axisCustom": 1, "memberStandard": 55, "memberCustom": 19, "hidden": { "total": 8, "http://fasb.org/us-gaap/2024": 3, "http://xbrl.sec.gov/dei/2024": 5 }, "contextCount": 408, "entityCount": 1, "segmentCount": 77, "elementCount": 758, "unitCount": 9, "baseTaxonomies": { "http://fasb.org/us-gaap/2024": 1360, "http://xbrl.sec.gov/ecd/2024": 30, "http://xbrl.sec.gov/dei/2024": 29, "http://fasb.org/srt/2024": 1 }, "report": { "R1": { "role": "http://www.keysight.com/role/CoverPage", "longName": "0000001 - Document - Cover Page", "shortName": "Cover Page", "isDefault": "true", "groupType": "document", "subGroupType": "", "menuCat": "Cover", "order": "1", "firstAnchor": { "contextRef": "c-1", "name": "dei:DocumentType", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": {

```
"contextRef": "c-1", "name": "dei:DocumentType", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "span", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R2": { "role": "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "longName": "9952151 - Statement - CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS (Unaudited)", "shortName": "CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS (Unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "2", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:Revenues", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ReconciliationOfRevenueFromSegmentsToConsolidatedTextBlock", "us-gaap:SegmentReportingDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:CostOfGoodsAndServicesSold", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R3": { "role": "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited", "longName": "9952152 - Statement - CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited)", "shortName": "CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "3", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:NetIncomeLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAfterTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R4": { "role": "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnauditedParenthetical", "longName": "9952153 - Statement - CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) (Parenthetical)", "shortName": "CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME (Unaudited) (Parenthetical)", "isDefault": "false", "groupType": "statement", "subGroupType": "parenthetical", "menuCat": "Statements", "order": "4", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "div", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "div", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R5": { "role": "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "longName": "9952154 - Statement - CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited)", "shortName": "CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "5", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:CashAndCashEquivalentsAtCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:AccountsReceivableNetCurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R6": { "role": "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical", "longName": "9952155 - Statement - CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) (Parenthetical)", "shortName": "CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited) (Parenthetical)", "isDefault": "false", "groupType": "statement", "subGroupType": "parenthetical", "menuCat": "Statements", "order": "6", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:PreferredStockParOrStatedValuePerShare", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": [ "us-gaap:PreferredStockParOrStatedValuePerShare", "span", "div", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:PreferredStockParOrStatedValuePerShare", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": [ "us-gaap:PreferredStockParOrStatedValuePerShare", "span", "div", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R7": { "role": "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited", "longName": "9952156 - Statement - CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (Unaudited)", "shortName": "CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (Unaudited)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "7", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:NetIncomeLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:Depreciation", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R8": { "role": "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "longName": "9952157 - Statement - CONDENSED CONSOLIDATED STATEMENT OF EQUITY Statement", "shortName": "CONDENSED CONSOLIDATED STATEMENT OF EQUITY Statement", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "8", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:ProfitLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": " 6", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-65", "name": "us-gaap:CommonStockSharesOutstanding", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": " 3", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R9": { "role": "http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIES", "longName": "9952158 - Disclosure - OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES", "shortName": "OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "9", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R10": { "role": "http://www.keysight.com/role/ACQUISITIONS", "longName": "9952159 - Disclosure - ACQUISITIONS", "shortName": "ACQUISITIONS", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "10", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:BusinessCombinationDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:BusinessCombinationDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R11": { "role": "http://www.keysight.com/role/REVENUENotes", "longName": "9952160 - Disclosure - REVENUE (Notes)", "shortName": "REVENUE (Notes)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "11", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:RevenueFromContractWithCustomerTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:RevenueFromContractWithCustomerTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R12": { "role": "http://www.keysight.com/role/SHAREBASEDCOMPENSATION", "longName": "9952161 - Disclosure - SHARE-BASED COMPENSATION", "shortName": "SHARE-BASED COMPENSATION", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "12", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R13": { "role": "http://www.keysight.com/role/INCOMETAXES", "longName": "9952162 - Disclosure - INCOME TAXES", "shortName": "INCOME TAXES", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "13", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:IncomeTaxDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:IncomeTaxDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R14": { "role": "http://www.keysight.com/role/NETINCOMEPERSHARE", "longName": "9952163 - Disclosure - NET INCOME PER SHARE", "shortName": "NET INCOME PER SHARE", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "14", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:EarningsPerShareTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:EarningsPerShareTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R15": { "role": "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETS", "longName": "9952164 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS", "shortName": "GOODWILL AND OTHER INTANGIBLE ASSETS", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "15", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R16": { "role": "http://www.keysight.com/role/FAIRVALUEMEASUREMENTS", "longName": "9952165 - Disclosure - FAIR VALUE MEASUREMENTS", "shortName": "FAIR VALUE MEASUREMENTS", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "16", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:FairValueDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:FairValueDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R17": { "role": "http://www.keysight.com/role/DERIVATIVES", "longName": "9952166 - Disclosure - DERIVATIVES", "shortName": "DERIVATIVES", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "17", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R18": { "role": "http://www.keysight.com/role/DEBT", "longName": "9952167 - Disclosure - DEBT", "shortName": "DEBT", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "18", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DebtDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DebtDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R19": { "role": "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANS", "longName": "9952168 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS", "shortName": "RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "19", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R20": { "role": "http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONNotes", "longName": "9952169 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION (Notes)", "shortName": "SUPPLEMENTAL FINANCIAL INFORMATION (Notes)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes",
```

"order": "20", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R21": { "role": "http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIES", "longName": "9952170 - Disclosure - COMMITMENTS AND CONTINGENCIES", "shortName": "COMMITMENTS AND CONTINGENCIES", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "21", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R22": { "role": "http://www.keysight.com/role/STOCKHOLDERSEQUITY", "longName": "9952171 - Disclosure - STOCKHOLDERS' EQUITY", "shortName": "STOCKHOLDERS' EQUITY", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "22", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R23": { "role": "http://www.keysight.com/role/SEGMENTINFORMATION", "longName": "9952172 - Disclosure - SEGMENT INFORMATION", "shortName": "SEGMENT INFORMATION", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "23", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:SegmentReportingDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:SegmentReportingDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R24": { "role": "http://xbrl.sec.gov/ecd/role/PvpDisclosure", "longName": "9954110 - Disclosure - Pay vs Performance Disclosure", "shortName": "Pay vs Performance Disclosure", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "24", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:NetIncomeLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": null }, "R25": { "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": "25", "firstAnchor": { "contextRef": "c-11", "name": "ecd:Rule10b51ArrTrmntdFlag", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ecd:NonRule10b51ArrTrmntdFlag", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "ecd:Rule10b51ArrTrmntdFlag", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ecd:NonRule10b51ArrTrmntdFlag", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R26": { "role": "http://www.keysight.com/role/ACQUISITIONSTables", "longName": "9954471 - Disclosure - ACQUISITIONS (Tables)", "shortName": "ACQUISITIONS (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "26", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfRecognizedIdentifiedAssetsAcquiredAndLiabilitiesAssumedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfRecognizedIdentifiedAssetsAcquiredAndLiabilitiesAssumedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R27": { "role": "http://www.keysight.com/role/REVENUETables", "longName": "9954472 - Disclosure - REVENUE (Tables)", "shortName": "REVENUE (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "27", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DisaggregationOfRevenueTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:RevenueFromContractWithCustomerTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DisaggregationOfRevenueTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:RevenueFromContractWithCustomerTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R28": { "role": "http://www.keysight.com/role/SHAREBASEDCOMPENSATIONTables", "longName": "9954473 - Disclosure - SHARE-BASED COMPENSATION (Tables)", "shortName": "SHARE-BASED COMPENSATION (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "28", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R29": { "role": "http://www.keysight.com/role/IncomeTaxesTables", "longName": "9954474 - Disclosure - Income Taxes (Tables)", "shortName": "Income Taxes (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "29", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:IncomeTaxDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:IncomeTaxDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R30": { "role": "http://www.keysight.com/role/NETINCOMEPERSHARETables", "longName": "9954475 - Disclosure - NET INCOME PER SHARE (Tables)", "shortName": "NET INCOME PER SHARE (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "30", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:EarningsPerShareTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:EarningsPerShareTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R31": { "role": "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables", "longName": "9954476 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Tables)", "shortName": "GOODWILL AND OTHER INTANGIBLE ASSETS (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "31", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfGoodwillTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfGoodwillTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R32": { "role": "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSTables", "longName": "9954477 - Disclosure - FAIR VALUE MEASUREMENTS (Tables)", "shortName": "FAIR VALUE MEASUREMENTS (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "32", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R33": { "role": "http://www.keysight.com/role/DERIVATIVESTables", "longName": "9954478 - Disclosure - DERIVATIVES (Tables)", "shortName": "DERIVATIVES (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "33", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDerivativeInstrumentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDerivativeInstrumentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R34": { "role": "http://www.keysight.com/role/DEBTTables", "longName": "9954479 - Disclosure - DEBT (Tables)", "shortName": "DEBT (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "34", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDebtInstrumentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDebtInstrumentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R35": { "role": "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSTables", "longName": "9954480 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Tables)", "shortName": "RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "35", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDefinedBenefitPlansDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDefinedBenefitPlansDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R36": { "role": "http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONTables", "longName": "9954481 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION (Tables)", "shortName": "SUPPLEMENTAL FINANCIAL INFORMATION (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "36", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R37": { "role": "http://www.keysight.com/role/STOCKHOLDERSEQUITYTables", "longName": "9954482 - Disclosure - STOCKHOLDERS' EQUITY (Tables)", "shortName": "STOCKHOLDERS' EQUITY (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "37", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R38": { "role": "http://www.keysight.com/role/SEGMENTINFORMATIONTables", "longName": "9954483 - Disclosure - SEGMENT INFORMATION (Tables)", "shortName": "SEGMENT INFORMATION (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "38", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ReconciliationOfRevenueFromSegmentsToConsolidatedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:SegmentReportingDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ReconciliationOfRevenueFromSegmentsToConsolidatedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:SegmentReportingDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R39": { "role": "http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails", "longName": "9954484 -

Disclosure - OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Details)", "shortName": "OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "39", "firstAnchor": { "contextRef": "c-74", "name": "us-gaap:NetIncomeLossAttributableToNoncontrollingInterest", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "uniqueAnchor": { "contextRef": "c-74", "name": "us-gaap:NetIncomeLossAttributableToNoncontrollingInterest", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R40": { "role": "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails", "longName": "9954485 - Disclosure - ACQUISITIONS OF ESI (Narrative) (Details)", "shortName": "ACQUISITIONS OF ESI (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "40", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:PaymentsToAcquireBusinessesNetOfCashAcquired", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-75", "name": "us-gaap:BusinessAcquisitionEffectiveDateOfAcquisition1", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "us-gaap:BusinessCombinationDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R41": { "role": "http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "longName": "9954486 - Disclosure - ACQUISITIONS (Allocation of Purchase Price) (Details)", "shortName": "ACQUISITIONS (Allocation of Purchase Price) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "41", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:GoodwillAcquiredDuringPeriod", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-76", "name": "us-gaap:BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCashAndEquivalents", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRecognizedIdentifiedAssetsAcquiredAndLiabilitiesAssumedTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R42": { "role": "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails", "longName": "9954487 - Disclosure - ACQUISITIONS (Intangible Assets Acquired) (Details)", "shortName": "ACQUISITIONS (Intangible Assets Acquired) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "42", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:FiniteLivedIntangibleAssetsGross", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfIndefiniteLivedIntangibleAssetsTableTextBlock", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:IntangibleAssetsGrossExcludingGoodwill", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfIndefiniteLivedIntangibleAssetsTableTextBlock", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R43": { "role": "http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails", "longName": "9954488 - Disclosure - ACQUISITIONS (Pro Forma Information) (Details)", "shortName": "ACQUISITIONS (Pro Forma Information) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "43", "firstAnchor": { "contextRef": "c-79", "name": "us-gaap:BusinessAcquisitionsProFormaRevenue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:BusinessAcquisitionProFormaInformationTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-79", "name": "us-gaap:BusinessAcquisitionsProFormaRevenue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:BusinessAcquisitionProFormaInformationTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R44": { "role": "http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "longName": "9954489 - Disclosure - ACQUISITION OF RISCURE (Details)", "shortName": "ACQUISITION OF RISCURE (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "44", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:PaymentsToAcquireBusinessesNetOfCashAcquired", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-93", "name": "us-gaap:BusinessAcquisitionEffectiveDateOfAcquisition1", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R45": { "role": "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "longName": "9954490 - Disclosure - ACQUISITIONS OF ANAPICO (Details)", "shortName": "ACQUISITIONS OF ANAPICO (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "45", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:PaymentsToAcquireBusinessesNetOfCashAcquired", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-96", "name": "us-gaap:BusinessAcquisitionEffectiveDateOfAcquisition1", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R46": { "role": "http://www.keysight.com/role/REVENUEDetails", "longName": "9954491 - Disclosure - REVENUE (Details)", "shortName": "REVENUE (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "46", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:RevenueFromContractWithCustomerIncludingAssessedTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:DisaggregationOfRevenueTableTextBlock", "us-gaap:RevenueFromContractWithCustomerTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:RevenueFromContractWithCustomerIncludingAssessedTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:DisaggregationOfRevenueTableTextBlock", "us-gaap:RevenueFromContractWithCustomerTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R47": { "role": "http://www.keysight.com/role/REVENUEContractAssetsDetails", "longName": "9954492 - Disclosure - REVENUE Contract Assets (Details)", "shortName": "REVENUE Contract Assets (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "47", "firstAnchor": { "contextRef": "c-203", "name": "us-gaap:ContractWithCustomerAssetNetCurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["us-gaap:ContractWithCustomerAssetNetCurrent", "span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-203", "name": "us-gaap:ContractWithCustomerAssetNetCurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["us-gaap:ContractWithCustomerAssetNetCurrent", "span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R48": { "role": "http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails", "longName": "9954493 - Disclosure - REVENUE Capitalized Contractual Cost (Details)", "shortName": "REVENUE Capitalized Contractual Cost (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "48", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:CapitalizedContractCostAmortization", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:CapitalizedContractCostAmortization", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R49": { "role": "http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails", "longName": "9954494 - Disclosure - REVENUE CONTRACT LIABILITIES ROLL FORWARD (Details)", "shortName": "REVENUE CONTRACT LIABILITIES ROLL FORWARD (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "49", "firstAnchor": { "contextRef": "c-19", "name": "us-gaap:ContractWithCustomerLiability", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ContractWithCustomerAssetAndLiabilityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-19", "name": "us-gaap:ContractWithCustomerLiability", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ContractWithCustomerAssetAndLiabilityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R50": { "role": "http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails", "longName": "9954495 - Disclosure - REVENUE Remaining performance obligations (Details)", "shortName": "REVENUE Remaining performance obligations (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "50", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:RevenueRemainingPerformanceObligation", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-208", "name": "us-gaap:RevenueRemainingPerformanceObligationPercentage", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "us-gaap:RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R51": { "role": "http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails", "longName": "9954496 - Disclosure - SHARE-BASED COMPENSATION (Allocation of period costs) (Details)", "shortName": "SHARE-BASED COMPENSATION (Allocation of period costs) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "51", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:AllocatedShareBasedCompensationExpense", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-211", "name": "us-gaap:AllocatedShareBasedCompensationExpense", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R52": { "role": "http://www.keysight.com/role/SHAREBASEDCOMPENSATIONSHAREBASEDCOMPENSATIONTextualsDetails", "longName": "9954497 - Disclosure - SHARE-BASED COMPENSATION SHARE-BASED COMPENSATION (Textuals) (Details)", "shortName": "SHARE-BASED COMPENSATION SHARE-BASED COMPENSATION (Textuals) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "52", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R53": { "role": "http://www.keysight.com/role/INCOMETAXESDetails", "longName": "9954498 - Disclosure - INCOME TAXES (Details)", "shortName": "INCOME TAXES (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "53", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:EffectiveIncomeTaxRateContinuingOperations", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock", "us-gaap:IncomeTaxDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R54": { "role": "http://www.keysight.com/role/INCOMETAXESINCOMETAXESTaxincentivesDetails", "longName": "9954499 - Disclosure - INCOME TAXES INCOME TAXES (Tax incentives) (Details)", "shortName": "INCOME TAXES INCOME TAXES (Tax incentives) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "54", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:IncomeTaxHolidayDescription", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:IncomeTaxHolidayDescription", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R55": { "role": "http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails", "longName": "9954500 - Disclosure - INCOME TAXES INCOME TAXES (Income

tax examination) (Details)", "shortName": "INCOME TAXES INCOME TAXES (Income tax examination) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "55", "firstAnchor": { "contextRef": "c-224", "name": "us-gaap:TaxAdjustmentsSettlementsAndUnusualProvisions", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["us-gaap:TaxAdjustmentsSettlementsAndUnusualProvisions", "span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": null }, "R56": { "role": "http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHARECOMPUTATIONDETAILS", "longName": "9954501 - Disclosure - NET INCOME PER SHARE NET INCOME PER SHARE (Computation) (Details)", "shortName": "NET INCOME PER SHARE NET INCOME PER SHARE (Computation) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "56", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:NetIncomeLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:IncrementalCommonSharesAttributableToShareBasedPaymentArrangements", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "us-gaap:EarningsPerShareTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R57": { "role": "http://www.keysight.com/role/NETINCOMEPERSHARENarrativesDetails", "longName": "9954502 - Disclosure - NET INCOME PER SHARE (Narratives) (Details)", "shortName": "NET INCOME PER SHARE (Narratives) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "57", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["us-gaap:AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "ix:continuation", "ix:continuation", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["us-gaap:AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "ix:continuation", "ix:continuation", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R58": { "role": "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails", "longName": "9954503 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Goodwill Roll forward) (Details)", "shortName": "GOODWILL AND OTHER INTANGIBLE ASSETS (Goodwill Roll forward) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "58", "firstAnchor": { "contextRef": "c-19", "name": "us-gaap:Goodwill", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:GoodwillForeignCurrencyTranslationGainLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfGoodwillTextBlock", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R59": { "role": "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSIMPAIRMENTDetails", "longName": "9954504 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS IMPAIRMENT (Details)", "shortName": "GOODWILL AND OTHER INTANGIBLE ASSETS IMPAIRMENT (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "59", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:GoodwillImpairmentLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["us-gaap:GoodwillImpairmentLoss", "span", "div", "us-gaap:ScheduleOfGoodwillTextBlock", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:GoodwillImpairmentLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["us-gaap:GoodwillImpairmentLoss", "span", "div", "us-gaap:ScheduleOfGoodwillTextBlock", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R60": { "role": "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails", "longName": "9954505 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Disclosures and Components of Purchased Other Intangibles) (Details)", "shortName": "GOODWILL AND OTHER INTANGIBLE ASSETS (Disclosures and Components of Purchased Other Intangibles) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "60", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:FiniteLivedIntangibleAssetsGross", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfIndefiniteLivedIntangibleAssetsTableTextBlock", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:FiniteLivedIntangibleAssetsNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfIndefiniteLivedIntangibleAssetsTableTextBlock", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R61": { "role": "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails", "longName": "9954506 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Acquisition Narratives) (Details)", "shortName": "GOODWILL AND OTHER INTANGIBLE ASSETS (Acquisition Narratives) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "61", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:GoodwillAcquiredDuringPeriod", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:FinitelivedIntangibleAssetsAcquired1", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R62": { "role": "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSIntangibleassetsnarrativesDetails", "longName": "9954507 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Intangible assets narratives) (Details)", "shortName": "GOODWILL AND OTHER INTANGIBLE ASSETS (Intangible assets narratives) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "62", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:FiniteLivedIntangibleAssetsForeignCurrencyTranslationGainLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:FiniteLivedIntangibleAssetsForeignCurrencyTranslationGainLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R63": { "role": "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails", "longName": "9954508 - Disclosure - GOODWILL AND OTHER INTANGIBLE ASSETS (Finite-Lived Assets Future Amortization Expense) (Details)", "shortName": "GOODWILL AND OTHER INTANGIBLE ASSETS (Finite-Lived Assets Future Amortization Expense) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "63", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:FiniteLivedIntangibleAssetsAmortizationExpenseRemainderOfFiscalYear", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:FiniteLivedIntangibleAssetsAmortizationExpenseTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:FiniteLivedIntangibleAssetsAmortizationExpenseRemainderOfFiscalYear", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:FiniteLivedIntangibleAssetsAmortizationExpenseTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R64": { "role": "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails", "longName": "9954509 - Disclosure - FAIR VALUE MEASUREMENTS (Fair value of assets and liabilities measured on a recurring basis) (Details)", "shortName": "FAIR VALUE MEASUREMENTS (Fair value of assets and liabilities measured on a recurring basis) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "64", "firstAnchor": { "contextRef": "c-242", "name": "us-gaap:MoneyMarketFundsAtCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-242", "name": "us-gaap:MoneyMarketFundsAtCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R65": { "role": "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFAIRVALUEMEASUREMENTSNetrecognizedgainslossesonequitysecuritiesDetails", "longName": "9954510 - Disclosure - FAIR VALUE MEASUREMENTS FAIR VALUE MEASUREMENTS (Net recognized gains losses on equity securities) (Details)", "shortName": "FAIR VALUE MEASUREMENTS FAIR VALUE MEASUREMENTS (Net recognized gains losses on equity securities) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "65", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:EquitySecuritiesFvNiRealizedGain", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:TradingSecuritiesAndCertainTradingAssetsTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:EquitySecuritiesFvNiRealizedGain", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:TradingSecuritiesAndCertainTradingAssetsTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R66": { "role": "http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails", "longName": "9954511 - Disclosure - DERIVATIVES Derivative, interest rate swaps (Details)", "shortName": "DERIVATIVES Derivative, interest rate swaps (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "66", "firstAnchor": { "contextRef": "c-1", "name": "keys:InterestRateSwapAgreementTerminationProceeds", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": null }, "R67": { "role": "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "longName": "9954513 - Disclosure - DERIVATIVES ACQUISITION (Details)", "shortName": "DERIVATIVES ACQUISITION (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "67", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DerivativeLossOnDerivative", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DerivativeLossOnDerivative", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R68": { "role": "http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails", "longName": "9954514 - Disclosure - DERIVATIVES, Disclosures and derivative instrument aggregated notional amounts by currency and designations (Details)", "shortName": "DERIVATIVES, Disclosures and derivative instrument aggregated notional amounts by currency and designations (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "68", "firstAnchor": { "contextRef": "c-258", "name": "us-gaap:DerivativeLiabilityNotionalAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-258", "name": "us-gaap:DerivativeLiabilityNotionalAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R69": { "role": "http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails", "longName": "9954515 - Disclosure - DERIVATIVES, Fair value of derivative instruments and Consolidated Balance Sheet location (Details)", "shortName": "DERIVATIVES, Fair value of derivative instruments and Consolidated Balance Sheet location (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "69", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:DerivativeFairValueOfDerivativeAsset", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:DerivativeFairValueOfDerivativeAsset", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R70": { "role":

"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails", "longName": "9954516 - Disclosure - DERIVATIVES, Effect of derivative instruments on Consolidated Statement of Operations (Details)", "shortName": "DERIVATIVES, Effect of derivative instruments on Consolidated Statement of Operations (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "70", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:CashFlowHedgeGainLossToBeReclassifiedWithinTwelveMonths", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:CashFlowHedgeGainLossToBeReclassifiedWithinTwelveMonths", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R71": { "role": "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails", "longName": "9954517 - Disclosure - DEBT Summary of Long Term Debt incl. unamortized cost (Details)", "shortName": "DEBT Summary of Long Term Debt incl. unamortized cost (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "71", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:LongTermDebt", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "ix:continuation", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:LongTermDebt", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "ix:continuation", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R72": { "role": "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails", "longName": "9954518 - Disclosure - DEBT (Short Term Debt - Revolving Credit Facility) (Details)", "shortName": "DEBT (Short Term Debt - Revolving Credit Facility) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "72", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:LineOfCreditFacilityMaximumBorrowingCapacity", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-76", "name": "us-gaap:LineOfCreditFacilityMaximumBorrowingCapacity", "unitRef": "eur", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R73": { "role": "http://www.keysight.com/role/DEBTESIassumedDetails", "longName": "9954519 - Disclosure - DEBT ESI assumed (Details)", "shortName": "DEBT ESI assumed (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "73", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:RepaymentsOfDebt", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-76", "name": "us-gaap:LoansPayableCurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R74": { "role": "http://www.keysight.com/role/DEBTletterofcreditsDetails", "longName": "9954520 - Disclosure - DEBT letter of credits (Details)", "shortName": "DEBT letter of credits (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "74", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:LineOfCreditFacilityMaximumBorrowingCapacity", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": null }, "R75": { "role": "http://www.keysight.com/role/DEBTFAIRVALUEDetails", "longName": "9954521 - Disclosure - DEBT FAIR VALUE (Details)", "shortName": "DEBT FAIR VALUE (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "75", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:LongTermDebtFairValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:LongTermDebtFairValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R76": { "role": "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "longName": "9954522 - Disclosure - DEBT Bridge Loan Facility (Details)", "shortName": "DEBT Bridge Loan Facility (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "76", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:LineOfCreditFacilityMaximumBorrowingCapacity", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-310", "name": "us-gaap:LineOfCreditFacilityDescription", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "us-gaap:DebtDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R77": { "role": "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails", "longName": "9954523 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Net Pension and post retirement benefit cost(benefit) components) (Details)", "shortName": "RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Net Pension and post retirement benefit cost(benefit) components) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "77", "firstAnchor": { "contextRef": "c-315", "name": "us-gaap:DefinedBenefitPlanServiceCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDefinedBenefitPlansDisclosuresTextBlock", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-315", "name": "us-gaap:DefinedBenefitPlanServiceCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDefinedBenefitPlansDisclosuresTextBlock", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R78": { "role": "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails", "longName": "9954524 - Disclosure - RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Contributions) (Details)", "shortName": "RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS (Contributions) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "78", "firstAnchor": { "contextRef": "c-224", "name": "us-gaap:TaxAdjustmentsSettlementsAndUnusualProvisions", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["us-gaap:TaxAdjustmentsSettlementsAndUnusualProvisions", "span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-315", "name": "us-gaap:DefinedBenefitPlanContributionsByEmployer", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["us-gaap:DefinedBenefitPlanContributionsByEmployer", "us-gaap:DefinedBenefitPlanContributionsByEmployer", "us-gaap:DefinedBenefitPlanContributionsByEmployer", "us-gaap:DefinedBenefitPlanContributionsByEmployer", "us-gaap:DefinedBenefitPlanContributionsByEmployer", "us-gaap:DefinedBenefitPlanContributionsByEmployer", "span", "div", "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R79": { "role": "http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails", "longName": "9954525 - Disclosure - SUPPLEMENTAL CASH FLOW INFORMATION (Cash, cash equivalents an restricted cash reconciliation) (Details)", "shortName": "SUPPLEMENTAL CASH FLOW INFORMATION (Cash, cash equivalents an restricted cash reconciliation) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "79", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:CashAndCashEquivalentsAtCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:RestrictedCashAndCashEquivalentsNoncurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "us-gaap:AdditionalFinancialInformationDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R80": { "role": "http://www.keysight.com/role/INVENTORYDetails", "longName": "9954526 - Disclosure - INVENTORY (Details)", "shortName": "INVENTORY (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "80", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:InventoryFinishedGoodsNetOfReserves", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfInventoryCurrentTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:InventoryFinishedGoodsNetOfReserves", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfInventoryCurrentTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R81": { "role": "http://www.keysight.com/role/LeaseDetails", "longName": "9954527 - Disclosure - Lease (Details)", "shortName": "Lease (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "81", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:OperatingLeaseCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:LeaseCostTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:OperatingLeaseCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:LeaseCostTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R82": { "role": "http://www.keysight.com/role/WARRANTIESDetails", "longName": "9954528 - Disclosure - WARRANTIES (Details)", "shortName": "WARRANTIES (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "82", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:StandardProductWarrantyDescription", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "us-gaap:ScheduleOfProductWarrantyLiabilityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:StandardProductWarrantyDescription", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "us-gaap:ScheduleOfProductWarrantyLiabilityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R83": { "role": "http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails", "longName": "9954529 - Disclosure - SUPPLEMENTAL FINANCIAL INFORMATION - Other assets (Details)", "shortName": "SUPPLEMENTAL FINANCIAL INFORMATION - Other assets (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "83", "firstAnchor": { "contextRef": "c-18", "name": "us-gaap:PrepaidExpenseCurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherCurrentAssetsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "us-gaap:PrepaidExpenseCurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherCurrentAssetsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R84": { "role": "http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIESDetails", "longName": "9954530 - Disclosure - COMMITMENTS AND CONTINGENCIES (Details)", "shortName": "COMMITMENTS AND CONTINGENCIES (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "84", "firstAnchor": { "contextRef": "c-330", "name": "us-gaap:LossContingencyEstimateOfPossibleLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-330", "name": "us-gaap:LossContingencyEstimateOfPossibleLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R85": { "role": "http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails", "longName": "9954531 - Disclosure - STOCKHOLDERS' EQUITY (Stock Repurchase Program) (Details)", "shortName": "STOCKHOLDERS' EQUITY (Stock Repurchase Program) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "85", "firstAnchor": { "contextRef": "c-331", "name": "srt:StockRepurchaseProgramAuthorizedAmount1", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-331", "name": "srt:StockRepurchaseProgramAuthorizedAmount1", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R86": { "role": "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails", "longName": "9954532 - Disclosure - STOCKHOLDER'S EQUITY - Accumulated Other Comprehensive Income (Details)", "shortName": "STOCKHOLDER'S EQUITY - Accumulated Other Comprehensive Income (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "86", "firstAnchor": { "contextRef": "c-28", "name": "us-gaap:AccumulatedOtherComprehensiveIncomeLossNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "td", "tr", "table", "div",

```
"us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "uniqueAnchor": { "contextRef": "c-28", "name": "us-gaap:AccumulatedOtherComprehensiveIncomeLossNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R87": { "role": "http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails", "longName": "9954533 - Disclosure - STOCKHOLDERS' EQUITY - Reclassifications out of accumulated comprehensive income (Details)", "shortName": "STOCKHOLDERS' EQUITY - Reclassifications out of accumulated comprehensive income (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "87", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R88": { "role": "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails", "longName": "9954534 - Disclosure - SEGMENT INFORMATION Profitability (Details)", "shortName": "SEGMENT INFORMATION Profitability (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "88", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:NumberOfReportableSegments", "unitRef": "segment", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": [ "span", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:NumberOfReportableSegments", "unitRef": "segment", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": [ "span", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true, "unique": true } }, "R89": { "role": "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails", "longName": "9954535 - Disclosure - SEGMENT INFORMATION Reconciliation of Reportable Results (Details)", "shortName": "SEGMENT INFORMATION Reconciliation of Reportable Results (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "89", "firstAnchor": { "contextRef": "c-11", "name": "us-gaap:OperatingIncomeLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:SharebasedCompensationArrangementBySharebasedPaymentAwardCompensationCost1", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R90": { "role": "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "longName": "9954536 - Disclosure - SEGMENT INFORMATION ASSETS (Details)", "shortName": "SEGMENT INFORMATION ASSETS (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "90", "firstAnchor": { "contextRef": "c-18", "name": "keys:SegmentReportingReconciliationItemAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "keys:AssetsAndCapitalExpendituresDirectlyManagedByEachSegmentTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-397", "name": "keys:SegmentReportingReconciliationItemAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "keys:AssetsAndCapitalExpendituresDirectlyManagedByEachSegmentTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } }, "R91": { "role": "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails", "longName": "9954537 - Disclosure - SEGMENT INFORMATION ASSETS RECON (Details)", "shortName": "SEGMENT INFORMATION ASSETS RECON (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "91", "firstAnchor": { "contextRef": "c-18", "name": "keys:SegmentReportingReconciliationItemAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "keys:AssetsAndCapitalExpendituresDirectlyManagedByEachSegmentTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-18", "name": "keys:SegmentReportingReconciliationItemLongTermTaxReceivables", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": [ "span", "td", "tr", "table", "div", "keys:AssetsAndCapitalExpendituresDirectlyManagedByEachSegmentTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "keys-20240731.htm", "unique": true } } }, "tag": { "us-gaap_AOCIAttributableToParentNetOfTaxRollForward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AOCIAttributableToParentNetOfTaxRollForward", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "AOCI Attributable to Parent, Net of Tax [Roll Forward]", "label": "AOCI Attributable to Parent, Net of Tax [Roll Forward]", "documentation": "A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period." } } }, "auth_ref": [] }, "us-gaap_AccountingPoliciesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountingPoliciesAbstract", "lang": { "en-us": { "role": { "terseLabel": "Accounting Policies [Abstract]", "label": "Accounting Policies [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AccountsPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableCurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Accounts payable", "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": [ "r101", "r933" ] }, "us-gaap_AccountsReceivableMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableMember", "presentation": [ "http://www.keysight.com/role/REVENUEContractAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Accounts Receivable [Member]", "label": "Accounts Receivable [Member]", "documentation": "Due from customers or clients for goods or services that have been delivered or sold." } } }, "auth_ref": [ "r860" ] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Accounts receivable, net", "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": [ "r1099" ] }, "us-gaap_AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Prior service credits", "label": "Accumulated Defined Benefit Plans Adjustment, Net Prior Service Attributable to Parent [Member]", "documentation": "Accumulated other comprehensive (income) loss related to prior service cost (credit) component of defined benefit plans attributable to the parent." } } }, "auth_ref": [ "r7", "r18", "r30", "r249", "r250", "r1074" ] }, "us-gaap_AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Actuarial losses", "label": "Accumulated Defined Benefit Plans Adjustment, Net Gain (Loss) Attributable to Parent [Member]", "documentation": "Accumulated other comprehensive income (loss) related to gain (loss) component of defined benefit plans attributable to the parent." } } }, "auth_ref": [ "r18", "r30", "r125", "r249", "r250", "r1074" ] }, "us-gaap_AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Gains (losses) on derivatives", "label": "Accumulated Net Gain (Loss) from Cash Flow Hedges Attributable to Parent [Member]", "documentation": "Accumulated other comprehensive income (loss) resulting from gain (loss) from derivative instruments designated and qualifying as the effective portion of cash flow hedges, attributable to the parent." } } }, "auth_ref": [ "r6", "r30", "r619" ] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossLineItems", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "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": [ "r248", "r249", "r664", "r666", "r667", "r668", "r669", "r671" ] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Accumulated other comprehensive loss", "periodStartLabel": "Beginning balance", "periodEndLabel": "Ending balance", "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", "r126", "r232", "r735", "r773", "r774" ] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossTable", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "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": [ "r248", "r249", "r664", "r666", "r667", "r668", "r669", "r671" ] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": [ "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Income (Loss)", "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": [ "r4", "r18", "r30", "r626", "r629", "r686", "r769", "r770", "r1074", "r1075", "r1076", "r1088", "r1089", "r1090", "r1091" ] }, "us-gaap_AccumulatedTranslationAdjustmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedTranslationAdjustmentMember", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Foreign currency translation", "label": "Accumulated Foreign Currency Adjustment Attributable to Parent [Member]", "documentation": "Accumulated other comprehensive income (loss) resulting from 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 the parent." } } }, "auth_ref": [ "r5", "r18", "r30", "r123", "r124", "r249", "r250", "r666", "r667", "r668", "r669", "r671", "r1074" ] }, "us-gaap_AcquiredFiniteLivedIntangibleAssetsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AcquiredFiniteLivedIntangibleAssetsLineItems", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Acquired Finite-Lived Intangible Assets [Line Items]", "label": "Acquired Finite-Lived Intangible Assets [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": [ "r361", "r362", "r363", "r365", "r871" ] }, "us-
```

```
gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Acquired Finite-lived Intangible Assets, Weighted Average Useful Life", "label": "Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life", "documentation": "Weighted average amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": [ "r363", "r871" ] }, "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": { "terseLabel": "Additional 402(v) Disclosure", "label": "Additional 402(v) Disclosure [Text Block]" } } }, "auth_ref": [ "r999" ] }, "us-gaap_AdditionalFinancialInformationDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalFinancialInformationDisclosureTextBlock", "presentation": [
"http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONNotes" ], "lang": { "en-us": { "role": { "terseLabel": "Additional Financial Information Disclosure", "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_AdditionalPaidInCapital": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapital", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 4.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Additional paid-in capital", "label": "Additional Paid-in Capital", "documentation": "Amount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock." } } }, "auth_ref": [ "r114", "r933", "r1224" ] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "Additional Paid-in 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": [ "r780", "r1088", "r1089", "r1090", "r1091", "r1165", "r1225" ] }, "keys_Additionaldrawingsoncreditfacility": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "Additionaldrawingsoncreditfacility", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Additional drawings on credit facility", "label": "Additional drawings on credit facility", "documentation": "Additional drawings on credit facility" } } }, "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": { "terseLabel": "Adjustment to Compensation, Amount", "label": "Adjustment to Compensation Amount" } } }, "auth_ref": [ "r1012" ] }, "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": { "terseLabel": "Adjustment to Compensation:", "label": "Adjustment to Compensation [Axis]" } } }, "auth_ref": [ "r1012" ] }, "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": { "terseLabel": "Adjustment to Non-PEO NEO Compensation Footnote", "label": "Adjustment to Non-PEO NEO Compensation Footnote [Text Block]" } } }, "auth_ref": [ "r1012" ] }, "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": { "terseLabel": "Adjustment To PEO Compensation, Footnote", "label": "Adjustment To PEO Compensation, Footnote [Text Block]" } } }, "auth_ref": [ "r1012" ] }, "us-gaap_AdjustmentForAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentForAmortization", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Amortization", "label": "Amortization", "documentation": "The aggregate amount of recurring noncash expense charged against earnings in the period to allocate the cost of assets over their estimated remaining economic lives." } } }, "auth_ref": [ "r14" ] }, "us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Taxes related to net share settlement of equity awards", "label": "Share-Based Payment Arrangement, Decrease for Tax Withholding Obligation", "documentation": "Amount of decrease to equity for grantee's tax withholding obligation for award under share-based payment arrangement." } } }, "auth_ref": [] }, "us-gaap_AdjustmentsToAdditionalPaidInCapitalMarkToMarket": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToAdditionalPaidInCapitalMarkToMarket", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "Issuance of common stock", "label": "Adjustments to Additional Paid in Capital, Fair Value", "documentation": "Amount of increase (decrease) to additional paid in capital (APIC) resulting from changes in fair value of common and preferred stock issued to employee benefit trust but unearned." } } }, "auth_ref": [ "r19", "r150" ] }, "us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "Share-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": [ "r62", "r63", "r544" ] }, "us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Adjustments to reconcile net income to net cash provided by operating activities:", "label": "Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AdvancesOnInventoryPurchases": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdvancesOnInventoryPurchases", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Advances on Inventory Purchases", "label": "Advances on Inventory Purchases", "documentation": "Carrying value of capitalized payments made in advance for inventory that is expected to be received within one year or the normal operating cycle, if longer." } } }, "auth_ref": [ "r1072" ] }, "keys_Aerospacedefenseandgovernment Member": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "Aerospacedefenseandgovernment Member", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Aerospace, Defense & Government", "label": "Aerospace, defense and government [Member]", "documentation": "Aerospace, defense and government [Member]" } } }, "auth_ref": [] }, "ecd_AggtChngPnsnValInSummryCompstnTblForApIblYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtChngPnsnValInSummryCompstnTblForApIblYrMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table", "label": "Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member]" } } }, "auth_ref": [ "r1045" ] }, "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": { "terseLabel": "Aggregate Erroneous Compensation Amount", "label": "Aggregate Erroneous Compensation Amount" } } }, "auth_ref": [ "r971", "r981", "r991", "r1023" ] }, "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": { "terseLabel": "Aggregate Erroneous Compensation Not Yet Determined", "label": "Aggregate Erroneous Compensation Not Yet Determined [Text Block]" } } }, "auth_ref": [ "r974", "r984", "r994", "r1026" ] }, "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": { "terseLabel": "Aggregate Pension Adjustments Service Cost", "label": "Aggregate Pension Adjustments Service Cost [Member]" } } }, "auth_ref": [ "r1046" ] }, "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": { "terseLabel": "All Adjustments to Compensation", "label": "All Adjustments to Compensation [Member]" } } }, "auth_ref": [ "r1012" ] }, "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": { "terseLabel": "All Executive Categories", "label": "All Executive Categories [Member]" } } }, "auth_ref": [ "r1019" ] }, "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": { "terseLabel": "All Individuals", "label": "All Individuals [Member]" } } }, "auth_ref": [ "r975", "r985", "r995", "r1019", "r1027", "r1031", "r1039" ] }, "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": { "terseLabel": "All Trading Arrangements", "label": "All Trading Arrangements [Member]" } } }, "auth_ref": [ "r1037" ] }, "us-gaap_AllocatedShareBasedCompensationExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllocatedShareBasedCompensationExpense", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails", "http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Share-based Compensation Expense", "label": "Share-Based Payment Arrangement, Expense", "documentation": "Amount of expense for award under share-based payment arrangement. Excludes amount capitalized." } } }, "auth_ref": [ "r574", "r579" ] }, "dei_AmendmentFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AmendmentFlag", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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": [] }, "srt_AmericasMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "AmericasMember", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Americas", "label": "Americas [Member]", "documentation": "Continents of North and South America." } } }, "auth_ref": [ "r1059", "r1060", "r1061", "r1062", "r1227", "r1228", "r1229", "r1230" ] }, "us-gaap_AmortizationOfIntangibleAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AmortizationOfIntangibleAssets", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSIntangibleassetsnarrativesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Amortization of Intangible Assets", "label": "Amortization of Intangible Assets", "documentation": "The aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method." } } }, "auth_ref": [ "r14", "r360", "r367", "r896" ] }, "keys_Amortizationofacquisitionrelatedbalances": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "Amortizationofacquisitionrelatedbalances", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Amortization of acquisition-related balances", "label": "Amortization of acquisition-related balances", "documentation": "The amounts may include non-cash items such as the amortization of acquired intangible assets and amortization of items associated with fair value purchase accounting adjustments, including recognition of acquired deferred revenue." } } }, "auth_ref": [] }, "keys_AnaPicoAGMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "AnaPicoAGMember", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails" ], "lang": { "en-us": { "role": { "terseLabel": "AnaPico AG [Member]", "label": "AnaPico AG [Member]", "documentation": "AnaPico AG" } } }, "auth_ref": [] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount": { "xbrltype": "sharesItemType",
```

```
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "presentation": [
"http://www.keysight.com/role/NETINCOMEPERSHARENarrativesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities Excluded from Computation of
Earnings Per Share, Number", "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": [ "r294" ] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis", "presentation": [
"http://www.keysight.com/role/NETINCOMEPERSHARENarrativesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities [Axis]", "label": "Antidilutive
Securities [Axis]", "documentation": "Information by type of antidilutive security." } } } }, "auth_ref": [ "r40" ] }, "us-
gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems", "presentation": [ "http://www.keysight.com/role/NETINCOMEPERSHARENarrativesDetails"
], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities Excluded from EPS Computation", "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.keysight.com/role/NETINCOMEPERSHARENarrativesDetails"
], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities, Name [Domain]", "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": [ "r40" ] }, "us-gaap_AociIncludingPortionAttributableToNoncontrollingInterestMember": { "xbrltype": "domainItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "AociIncludingPortionAttributableToNoncontrollingInterestMember", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "AOCI Including Portion
Attributable to Noncontrolling Interest [Member]", "label": "AOCI Including Portion Attributable to Noncontrolling Interest [Member]", "documentation": "Accumulated change
in equity from transactions and other events and circumstances from non-owner sources, including the portion attributable to the noncontrolling interest. Excludes net income
(loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } }, "auth_ref": [ "r4", "r18", "r30", "r1074",
"r1075", "r1076" ] }, "srt_AsiaPacificMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "AsiaPacificMember", "presentation": [
"http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Asia Pacific", "label": "Asia Pacific [Member]", "documentation": "Region of Asia
Pacific." } } }, "auth_ref": [ "r1059", "r1060", "r1061", "r1062", "r1227", "r1228", "r1229", "r1230" ] }, "us-gaap_AssetAcquisitionLineItems": { "xbrltype": "stringItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetAcquisitionLineItems", "presentation": [
"http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Asset Acquisition [Line Items]", "label": "Asset
Acquisition [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": [ "r1159" ] }, "us-gaap_AssetAcquisitionTable": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "AssetAcquisitionTable", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Asset Acquisition [Table]", "label": "Asset Acquisition [Table]", "documentation": "Disclosure of information about asset acquisition."
} } }, "auth_ref": [ "r1159" ] }, "us-gaap_Assets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets", "crdr": "debit", "calculation":
{ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails" ],
"lang": { "en-us": { "role": { "totalLabel": "Total assets", "terseLabel": "Assets", "label": "Assets", "documentation": "Amount of asset recognized for present right to economic
benefit." } } }, "auth_ref": [ "r164", "r176", "r228", "r265", "r298", "r304", "r322", "r326", "r337", "r395", "r396", "r398", "r399", "r400", "r401", "r402", "r404", "r405", "r615",
"r620", "r658", "r731", "r808", "r890", "r891", "r933", "r962", "r1143", "r1144", "r1187" ] }, "us-gaap_AssetsAbstract": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "AssetsAbstract", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ],
"lang": { "en-us": { "role": { "terseLabel": "Assets:", "label": "Assets [Abstract]" } } }, "auth_ref": [] },
"keys_AssetsAndCapitalExpendituresDirectlyManagedByEachSegmentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.keysight.com/20240731",
"localname": "AssetsAndCapitalExpendituresDirectlyManagedByEachSegmentTableTextBlock", "presentation": [
"http://www.keysight.com/role/SEGMENTINFORMATIONTables" ], "lang": { "en-us": { "role": { "terseLabel": "Assets And Capital Expenditures Directly Managed By Each
Segment", "label": "Assets And Capital Expenditures Directly Managed By Each Segment [Table Text Block]", "documentation": "Assets And Capital Expenditures Directly
Managed By Each Segment" } } }, "auth_ref": [] }, "us-gaap_AssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AssetsCurrent", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Assets",
"weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "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": [ "r221", "r236", "r265", "r337", "r395", "r396", "r398", "r399", "r400", "r401", "r402", "r404", "r405", "r615", "r620", "r658", "r933", "r1143", "r1144", "r1187" ] },
"us-gaap_AssetsCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsCurrentAbstract", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited",
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang": { "en-us": { "role": { "verboseLabel":
"Current assets:", "terseLabel": "Assets Short - term [Abstract]", "label": "Assets, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AssetsFairValueDisclosure": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsFairValueDisclosure", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": null, "weight": null, "order":
null, "root": true } }, "presentation": [ "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang":
{ "en-us": { "role": { "totalLabel": "Total assets measured at fair value", "label": "Assets, Fair Value Disclosure", "documentation": "Fair value portion of asset recognized for
present right to economic benefit." } } }, "auth_ref": [ "r637", "r638", "r926" ] }, "us-gaap_AssetsNoncurrentAbstract": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "AssetsNoncurrentAbstract", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang": { "en-us": { "role": { "verboseLabel":
"Assets, Long-term [Abstract]", "label": "Assets, Noncurrent [Abstract]" } } }, "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": {
"terseLabel": "Exercise Price", "label": "Award Exercise Price" } } }, "auth_ref": [ "r1034" ] }, "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": {
"terseLabel": "Fair Value as of Grant Date", "label": "Award Grant Date Fair Value" } } }, "auth_ref": [ "r1035" ] }, "ecd_AwardTmgDiscLineItems": { "xbrltype":
"stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgDiscLineItems", "lang": { "en-us": { "role": { "label": "Award Timing Disclosures [Line
Items]" } } }, "auth_ref": [ "r1030" ] }, "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": { "terseLabel": "Award Timing,
How MNPI Considered", "label": "Award Timing, How MNPI Considered [Text Block]" } } }, "auth_ref": [ "r1030" ] }, "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": { "terseLabel": "Award Timing Method", "label": "Award Timing Method [Text Block]" } } },
"auth_ref": [ "r1030" ] }, "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": { "terseLabel": "Award Timing MNPI
Considered", "label": "Award Timing MNPI Considered [Flag]" } } }, "auth_ref": [ "r1030" ] }, "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": { "terseLabel": "Award Timing MNPI Disclosure", "label": "Award Timing MNPI Disclosure [Text Block]" } } }, "auth_ref": [ "r1030" ] },
"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": { "terseLabel": "Award Timing Predetermined", "label": "Award Timing Predetermined
[Flag]" } } }, "auth_ref": [ "r1030" ] }, "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": { "terseLabel": "Award Type", "label": "Award Type [Axis]",
"documentation": "Information by type of award under share-based payment arrangement." } } }, "auth_ref": [ "r547", "r548", "r549", "r550", "r551", "r552", "r553", "r554",
"r555", "r556", "r557", "r558", "r559", "r560", "r561", "r562", "r563", "r564", "r565", "r566", "r567", "r568", "r569", "r570", "r571", "r572" ] },
"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": { "terseLabel": "Underlying Securities", "label": "Award Underlying Securities Amount" } }
}, "auth_ref": [ "r1033" ] }, "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": { "terseLabel": "Name", "label":
"Awards Close in Time to MNPI Disclosures, Individual Name" } } }, "auth_ref": [ "r1032" ] }, "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": { "terseLabel": "Awards Close in Time to MNPI Disclosures", "label": "Awards Close in Time to MNPI Disclosures [Table]" } } }, "auth_ref": [ "r1031" ] },
"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": { "terseLabel": "Awards Close in
Time to MNPI Disclosures, Table", "label": "Awards Close in Time to MNPI Disclosures [Table Text Block]" } } }, "auth_ref": [ "r1031" ] }, "us-gaap_BalanceSheetLocationAxis":
{ "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationAxis", "presentation": [
"http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails",
"http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails", "http://www.keysight.com/role/REVENUEContractAssetsDetails",
"http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Balance Sheet Location [Axis]", "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": [ "r381", "r1192", "r1193" ] }, "us-gaap_BalanceSheetLocationDomain": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationDomain", "presentation": [
"http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails",
"http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails", "http://www.keysight.com/role/REVENUEContractAssetsDetails",
"http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Balance Sheet Location [Domain]",
"label": "Statement of Financial Position Location, Balance [Domain]", "documentation": "Location in statement of financial position where disaggregated cumulative balance
has been reported." } } }, "auth_ref": [ "r86", "r89", "r381", "r1192", "r1193" ] }, "us-gaap_BankLoanObligationsMember": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "BankLoanObligationsMember", "presentation": [ "http://www.keysight.com/role/DEBTESIassumedDetails",
```

"http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other bank borrowings", "label": "Bank Loan Obligations [Member]", "documentation": "Investments in debentures, bonds and other debt securities issued by a bank holding company, its subsidiaries, or affiliates." } } }, "auth_ref": [] }, "us-gaap_BasicEarningsPerShareAdjustmentProForma": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BasicEarningsPerShareAdjustmentProForma", "presentation": ["http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net income per share - Basic", "label": "Basic Earnings Per Share Adjustment, Pro Forma", "documentation": "Pro Forma Basic Earnings Per Share Adjustment to reconcile between Net Income and Pro Forma." } } }, "auth_ref": [] }, "us-gaap_BridgeLoanMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BridgeLoanMember", "presentation": ["http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails", "http://www.keysight.com/role/DEBTletterofcreditsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Bridge Loan", "label": "Bridge Loan [Member]", "documentation": "Financing which is expected to be replaced by a medium to long-term loan. The loan \"bridges\" the gap in time when otherwise no financing would be in place." } } }, "auth_ref": [] }, "us-gaap_BusinessAcquisitionAcquireeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionAcquireeDomain", "presentation": ["http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails", "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails", "http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails", "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails", "http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails", "http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Acquiree [Domain]", "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": ["r361", "r362", "r363", "r364", "r365", "r610", "r915", "r918"] }, "us-gaap_BusinessAcquisitionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionAxis", "presentation": ["http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails", "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails", "http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails", "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails", "http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails", "http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition [Axis]", "label": "Business Acquisition [Axis]", "documentation": "Information by business combination or series of individually immaterial business combinations." } } }, "auth_ref": ["r65", "r68", "r361", "r362", "r363", "r364", "r365", "r610", "r915", "r918"] }, "us-gaap_BusinessAcquisitionCostOfAcquiredEntityTransactionCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionCostOfAcquiredEntityTransactionCosts", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, 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": [] }, "us-gaap_BusinessAcquisitionEffectiveDateOfAcquisition1": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionEffectiveDateOfAcquisition1", "presentation": ["http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Effective Date of Acquisition", "label": "Business Acquisition, Effective Date of Acquisition", "documentation": "Date when the acquirer obtains control of the acquiree, in YYYY-MM-DD format." } } }, "auth_ref": ["r1", "r2", "r21"] }, "us-gaap_BusinessAcquisitionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionLineItems", "presentation": ["http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition [Line Items]", "label": "Business Acquisition [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": ["r610"] }, "us-gaap_BusinessAcquisitionPercentageOfVotingInterestsAcquired": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionPercentageOfVotingInterestsAcquired", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Percentage of Voting Interests Acquired", "label": "Business Acquisition, Percentage of Voting Interests Acquired", "documentation": "Percentage of voting equity interests acquired at the acquisition date in the business combination." } } }, "auth_ref": ["r66"] }, "us-gaap_BusinessAcquisitionProFormaEarningsPerShareDiluted": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionProFormaEarningsPerShareDiluted", "presentation": ["http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net income per share - Diluted", "label": "Business Acquisition, Pro Forma Earnings Per Share, Diluted", "documentation": "The pro forma diluted net income per share for a period as if the business combination or combinations had been completed at the beginning of a period." } } }, "auth_ref": ["r1054", "r1055"] }, "us-gaap_BusinessAcquisitionProFormaInformationNonrecurringAdjustmentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionProFormaInformationNonrecurringAdjustmentLineItems", "presentation": ["http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Pro Forma Information, Nonrecurring Adjustment [Line Items]", "label": "Business Acquisition, Pro Forma Information, Nonrecurring Adjustment [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_BusinessAcquisitionProFormaInformationNonrecurringAdjustmentsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionProFormaInformationNonrecurringAdjustmentsTable", "presentation": ["http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Pro Forma Information, Nonrecurring Adjustments [Table]", "label": "Business Acquisition, Pro Forma Information, Nonrecurring Adjustments [Table]", "documentation": "Disclosure of information about nonrecurring adjustment directly attributable to business combination included in pro forma revenue and earnings." } } }, "auth_ref": ["r22"] }, "us-gaap_BusinessAcquisitionProFormaInformationTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionProFormaInformationTextBlock", "presentation": ["http://www.keysight.com/role/ACQUISITIONSTables"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Pro Forma Information", "label": "Business Acquisition, Pro Forma Information [Table Text Block]", "documentation": "Tabular disclosure of pro forma results of operations for a material business acquisition or series of individually immaterial business acquisitions that are material in the aggregate." } } }, "auth_ref": ["r1054", "r1055"] }, "us-gaap_BusinessAcquisitionSharePrice": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionSharePrice", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Share Price", "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": [] }, "us-gaap_BusinessAcquisitionsProFormaNetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionsProFormaNetIncomeLoss", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net income", "label": "Business Acquisition, Pro Forma Net Income (Loss)", "documentation": "The pro forma net Income or Loss for the period as if the business combination or combinations had been completed at the beginning of a period." } } }, "auth_ref": ["r608", "r609"] }, "us-gaap_BusinessAcquisitionsProFormaRevenue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionsProFormaRevenue", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net revenue", "label": "Business Acquisition, Pro Forma Revenue", "documentation": "The pro forma revenue for a period as if the business combination or combinations had been completed at the beginning of the period." } } }, "auth_ref": ["r608", "r609"] }, "us-gaap_BusinessCombinationAcquisitionRelatedCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationAcquisitionRelatedCosts", "crdr": "debit", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails"], "lang": { "en-us": { "role": { "negatedLabel": "Acquisition and integration costs", "label": "Business Combination, Acquisition Related Costs", "documentation": "This element represents acquisition-related costs incurred to effect a business combination which costs have been expensed during the period. Such costs include finder's fees; advisory, legal, accounting, valuation, and other professional or consulting fees; general administrative costs, including the costs of maintaining an internal acquisitions department; and may include costs of registering and issuing debt and equity securities." } } }, "auth_ref": ["r64"] }, "us-gaap_BusinessCombinationAndAssetAcquisitionAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationAndAssetAcquisitionAbstract", "lang": { "en-us": { "role": { "label": "Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract]" } } }, "auth_ref": [] }, "us-gaap_BusinessCombinationDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationDisclosureTextBlock", "presentation": ["http://www.keysight.com/role/ACQUISITIONS"], "lang": { "en-us": { "role": { "terseLabel": "Business Combination Disclosure", "label": "Business Combination Disclosure [Text Block]", "documentation": "The entire disclosure for a business combination (or series of individually immaterial business combinations) completed during the period, including background, timing, and recognized assets and liabilities. The disclosure may include leverage buyout transactions (as applicable)." } } }, "auth_ref": ["r151", "r611"] }, "us-gaap_BusinessCombinationIntegrationRelatedCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationIntegrationRelatedCosts", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Combination, Integration Related Costs", "label": "Business Combination, Integration Related Costs", "documentation": "Costs incurred to effect a business combination which have been expensed during the period. Such costs could include business integration costs, systems integration and conversion costs, and severance and other employee-related costs." } } }, "auth_ref": [] }, "us-gaap_BusinessCombinationProFormaInformationEarningsOrLossOfAcquireeSinceAcquisitionDateActual": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationProFormaInformationEarningsOrLossOfAcquireeSinceAcquisitionDateActual", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Business Combination, Pro Forma Information, Earnings or Loss of Acquiree since Acquisition Date, Actual", "label": "Business Combination, Pro Forma Information, Earnings or Loss of Acquiree since Acquisition Date, Actual", "documentation": "This element represents the amount of earnings or loss of the acquiree since the acquisition date included in the consolidated income statement for the reporting period." } } }, "auth_ref": ["r67"] }, "us-gaap_BusinessCombinationProFormaInformationRevenueOfAcquireeSinceAcquisitionDateActual": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationProFormaInformationRevenueOfAcquireeSinceAcquisitionDateActual", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Combination, Pro Forma Information, Revenue of Acquiree since Acquisition Date, Actual", "label": "Business Combination, Pro Forma Information, Revenue of Acquiree since Acquisition Date, Actual", "documentation": "This element represents the amount of revenue of the acquiree since the acquisition date included in the consolidated income statement for the reporting period." } } }, "auth_ref": ["r67"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedAssets", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total assets acquired", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Assets", "documentation": "Amount of assets acquired at the acquisition

~~date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCapitalLeaseObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCapitalLeaseObligation", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Long-term operating lease liabilities", "label": "Business Combination, Recognized Identifiable Asset Acquired and Liability Assumed, Lease Obligation", "documentation": "Amount of lease obligation assumed in business combination." } } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCashAndEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCashAndEquivalents", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash and cash equivalents", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Cash and Equivalents", "documentation": "Amount of currency on hand as well as demand deposits with banks or financial institutions, acquired at the acquisition date. 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": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsMarketableSecurities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsMarketableSecurities", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term investments", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Marketable Securities", "documentation": "Amount of investments in debt and equity securities, including, but not limited to, held-to-maturity, trading and available-for-sale expected to be converted to cash, sold or exchanged within one year or the normal operating cycle, if longer, acquired at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsOther", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other current assets", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Other", "documentation": "Amount of other assets expected to be realized or consumed before one year or the normal operating cycle, if longer, acquired at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsReceivables": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentAssetsReceivables", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounts receivable", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Receivables", "documentation": "Amount due from customers or clients for goods or services, including trade receivables, that have been delivered or sold in the normal course of business, and amounts due from others, including related parties expected to be converted to cash, sold or exchanged within one year or the normal operating cycle, if longer, acquired at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesAccountsPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesAccountsPayable", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Accounts payable", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities, Accounts Payable", "documentation": "Amount of liabilities incurred for goods and services received that are used in an entity's business and related party payables, assumed at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesDeferredRevenue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesDeferredRevenue", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Deferred revenue", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities, Deferred Revenue", "documentation": "Amount of deferred revenue expected to be recognized as such within one year or the normal operating cycle, if longer, assumed at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedCurrentLiabilitiesOther", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other accrued liabilities", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities, Other", "documentation": "Amount of other liabilities due within one year or within the normal operating cycle, if longer, assumed at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedDeferredTaxLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedDeferredTaxLiabilities", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liabilities", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liabilities", "documentation": "Amount of deferred tax liability attributable to taxable temporary differences assumed at the acquisition date." } } }, "auth_ref": ["r70"] }, "keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIncomeAndOtherTaxesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIncomeAndOtherTaxesPayable", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Income and other taxes payable", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Income and other taxes payable", "documentation": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Income and other taxes payable" } } }, "auth_ref": [] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibleAssetsOtherThanGoodwill": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedIntangibleAssetsOtherThanGoodwill", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other intangible assets", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Intangible Assets, Other than Goodwill", "documentation": "Amount of intangible assets, excluding goodwill, acquired at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedLiabilities", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Liabilities", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Liabilities", "documentation": "Amount of liabilities assumed at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedNoncurrentLiabilitiesLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedNoncurrentLiabilitiesLongTermDebt", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "http://www.keysight.com/role/DEBTESIassumedDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Debt", "terseLabel": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Long-Term Debt", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Long-Term Debt", "documentation": "Amount of long-term debt due after one year or the normal operating cycle, if longer, assumed at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedNoncurrentLiabilitiesOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedNoncurrentLiabilitiesOther", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Other", "negatedTerseLabel": "Other long-term liabilities", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Other", "documentation": "Amount of other liabilities due after one year or the normal operating cycle, if longer, assumed at the acquisition date." } } }, "auth_ref": ["r70"] }, "keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOperatingLeaseLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOperatingLeaseLiabilities", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating lease liabilities", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease liabilities", "documentation": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease liabilities" } } }, "auth_ref": [] }, "keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOperatingLeaseRightOfUseAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOperatingLeaseRightOfUseAssets", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating lease right-of-use assets", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease right-of-use assets", "documentation": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Operating lease right-of-use assets" } } }, "auth_ref": [] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOtherNoncurrentAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedOtherNoncurrentAssets", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other assets", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Other Noncurrent Assets", "documentation": "Amount of other assets expected to be realized or consumed after one year or the normal operating cycle, if longer, acquired at the acquisition date." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedPropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedPropertyPlantAndEquipment", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Property, plant and equipment", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Property, Plant, and Equipment", "documentation": "The amount of property, plant, and equipment recognized as of the acquisition date." } } }, "auth_ref": ["r69", "r70"] }, "keys_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedRetirementAndPostRetirementBenefits": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedRetirementAndPostRetirementBenefits", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Retirement and post-retirement benefits", "label": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Retirement and post-retirement benefits", "documentation": "Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Retirement and post-retirement benefits" } } }, "auth_ref": [] }, "us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredGoodwillAndLiabilitiesAssumedNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationRecognizedIdentifiableAssetsAcquiredGoodwillAndLiabilitiesAssumedNet", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net assets acquired", "label": "Business Combination, Recognized Identifiable Assets Acquired, Goodwill, and Liabilities Assumed, Net", "documentation": "Amount recognized for assets, including goodwill, in excess of (less than) the aggregate liabilities assumed." } } }, "auth_ref": ["r70"] }, "us-gaap_BusinessCombinationsAbstract": { "xbrltype": "stringItemType", "nsuri":

```
"http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationsAbstract", "lang": { "en-us": { "role": { "terseLabel": "Business Combinations [Abstract]", "label": "Business Combinations [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CapitalExpendituresIncurredButNotYetPaid": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalExpendituresIncurredButNotYetPaid", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Investments in property, plant and equipment included in accounts payable", "label": "Capital Expenditures Incurred but Not yet Paid", "documentation": "Future cash outflow to pay for purchases of fixed assets that have occurred." } } } }, "auth_ref": [ "r37", "r38", "r39" ] }, "us-gaap_CapitalizedContractCostAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedContractCostAmortization", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Contract Cost, Amortization", "label": "Capitalized Contract Cost, Amortization", "documentation": "Amount of amortization expense for asset recognized from cost incurred to obtain or fulfill contract with customer." } } }, "auth_ref": [ "r344" ] }, "us-gaap_CapitalizedContractCostAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedContractCostAxis", "presentation": [ "http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Contract Cost [Axis]", "label": "Capitalized Contract Cost [Axis]", "documentation": "Information by cost capitalized in obtaining or fulfilling contract with customer." } } }, "auth_ref": [ "r343" ] }, "us-gaap_CapitalizedContractCostDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedContractCostDomain", "presentation": [ "http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Contract Cost [Domain]", "label": "Capitalized Contract Cost [Domain]", "documentation": "Cost capitalized in obtaining and fulfilling contract with customer." } } }, "auth_ref": [ "r343" ] }, "us-gaap_CapitalizedContractCostLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedContractCostLineItems", "presentation": [ "http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Contract Cost [Line Items]", "label": "Capitalized Contract Cost [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": [ "r343" ] }, "us-gaap_CapitalizedContractCostNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedContractCostNet", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Contract Cost, Net", "label": "Capitalized Contract Cost, Net", "documentation": "Amount, after accumulated amortization and accumulated impairment loss, of asset recognized from cost incurred to obtain or fulfill contract with customer." } } }, "auth_ref": [ "r343" ] }, "us-gaap_CapitalizedContractCostTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedContractCostTable", "presentation": [ "http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Contract Cost [Table]", "label": "Capitalized Contract Cost [Table]", "documentation": "Disclosure of information about cost capitalized in obtaining or fulfilling contract with customer." } } }, "auth_ref": [ "r343" ] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 1.0 },
"http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails",
"http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Cash and cash equivalents", "terseLabel": "Cash and cash equivalents", "label": "Cash and Cash Equivalents, at Carrying Value", "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", "r223", "r876" ] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited",
"http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails" ], "lang": { "en-us": { "role": { "periodStartLabel": "Cash, cash equivalents, and restricted cash at beginning of period", "periodEndLabel": "Cash, cash equivalents, and restricted cash at end of period", "totalLabel": "Total cash, cash equivalents, and restricted cash shown in the statement of cash flows", "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", "r137", "r262" ] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "totalLabel": "Net increase (decrease) in cash, 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": [ "r3", "r137" ] }, "us-gaap_CashFlowHedgeGainLossToBeReclassifiedWithinTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashFlowHedgeGainLossToBeReclassifiedWithinTwelveMonths", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Cash Flow Hedge Gain (Loss) to be Reclassified within Twelve 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": [ "r98" ] }, "us-gaap_CashFlowHedgingMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashFlowHedgingMember", "presentation": [ "http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Cash Flow Hedging", "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": [ "r84" ] }, "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": { "terseLabel": "Changed Peer Group, Footnote", "label": "Changed Peer Group, Footnote [Text Block]" } } }, "auth_ref": [ "r1010" ] },
"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": { "terseLabel": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year", "label": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member]" } } }, "auth_ref": [ "r1007" ] }, "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": { "terseLabel": "Year-over Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested", "label": "Year-over Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member]" } } }, "auth_ref": [ "r1005" ] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "lang": { "en-us": { "role": { "terseLabel": "City Area Code", "label": "City Area Code", "documentation": "Area code of city" } } }, "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": { "terseLabel": "Company Selected Measure Amount", "label": "Company Selected Measure Amount" } } }, "auth_ref": [ "r1011" ] }, "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": { "terseLabel": "Company Selected Measure Name", "label": "Company Selected Measure Name" } } }, "auth_ref": [ "r1011" ] }, "keys_CommercialCommunicationsMemberMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "CommercialCommunicationsMemberMember", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Commercial Communications", "label": "Commercial Communications [Member] [Member]", "documentation": "Commercial Communications" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingencies": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingencies", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 7.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Commitments and contingencies (Note 13)", "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": [ "r110", "r167", "r732", "r795" ] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Commitments and Contingencies Disclosure [Abstract]", "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.keysight.com/role/COMMITMENTSANDCONTINGENCIES" ], "lang": { "en-us": { "role": { "terseLabel": "COMMITMENTS AND CONTINGENCIES", "label": "Commitments and Contingencies Disclosure [Text Block]", "documentation": "The entire disclosure for commitments and contingencies." } } }, "auth_ref": [ "r145", "r385", "r387", "r861", "r1127", "r1131" ] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "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": [ "r950", "r951", "r952", "r954", "r955", "r956", "r959", "r1088", "r1089", "r1091", "r1165", "r1223", "r1225" ] }, "us-gaap_CommonStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockParOrStatedValuePerShare", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Common stock, par value (in dollars per share)", "label": "Common Stock, Par or Stated Value Per Share", "documentation": "Face amount or stated value per share of common stock." } } }, "auth_ref": [ "r113" ] }, "us-gaap_CommonStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorized", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Common stock, shares authorized (in shares)", "label": "Common Stock, Shares Authorized", "documentation": "The maximum number of common
```

shares permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": ["r113", "r796"] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common Stock, Shares, Issued", "label": "Common Stock, Shares, Issued", "documentation": "Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury." } } }, "auth_ref": ["r113"] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement"], "lang": { "en-us": { "role": { "periodStartLabel": "Common Stock, Shares, Outstanding beginning", "periodEndLabel": "Common Stock, Shares, Outstanding ending", "label": "Common Stock, Shares, Outstanding", "documentation": "Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation." } } }, "auth_ref": ["r19", "r113", "r796", "r814", "r1225", "r1226"] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Common stock; $0.01 par value; 1 billion shares authorized; issued and outstanding shares: 201 million and 200 million, respectively", "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": ["r113", "r734", "r933"] }, "keys_CommunicationsSolutionsGroupMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "CommunicationsSolutionsGroupMember", "presentation": ["http://www.keysight.com/role/REVENUEDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails"], "lang": { "en-us": { "role": { "terseLabel": "Communications Solutions Group", "label": "Communications Solutions Group [Member]", "documentation": "Communications Solutions Group [Member]" } } }, "auth_ref": [] },
"keys_CommunicationsSolutionsGroupMemberMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "CommunicationsSolutionsGroupMemberMember", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Communications Solutions Group", "label": "Communications Solutions Group [Member] [Member]", "documentation": "Communications Solutions Group [Member]" } } }, "auth_ref": [] },
"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": { "terseLabel": "Compensation Actually Paid vs. Company Selected Measure", "label": "Compensation Actually Paid vs. Company Selected Measure [Text Block]" } } }, "auth_ref": ["r1016"] },
"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": { "terseLabel": "Compensation Actually Paid vs. Net Income", "label": "Compensation Actually Paid vs. Net Income [Text Block]" } } }, "auth_ref": ["r1015"] }, "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": { "terseLabel": "Compensation Actually Paid vs. Other Measure", "label": "Compensation Actually Paid vs. Other Measure [Text Block]" } } }, "auth_ref": ["r1017"] }, "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": { "terseLabel": "Compensation Actually Paid vs. Total Shareholder Return", "label": "Compensation Actually Paid vs. Total Shareholder Return [Text Block]" } } }, "auth_ref": ["r1014"] }, "us-gaap_CompensationAndRetirementDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CompensationAndRetirementDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Retirement Benefits [Abstract]", "label": "Retirement Benefits [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total comprehensive income", "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Parent", "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", "r245", "r247", "r253", "r727", "r744", "r745"] },
"srt_CondensedBalanceSheetStatementTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "CondensedBalanceSheetStatementTable", "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails"], "lang": { "en-us": { "role": { "terseLabel": "Condensed Balance Sheet Statement [Table]", "label": "Condensed Balance Sheet Statement [Table]", "documentation": "Disclosure of information about condensed balance sheet, including, but not limited to, balance sheets of consolidated entities and consolidation eliminations." } } }, "auth_ref": ["r185", "r268", "r1050"] },
"srt_CondensedBalanceSheetStatementsCaptionsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "CondensedBalanceSheetStatementsCaptionsLineItems", "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails"], "lang": { "en-us": { "role": { "terseLabel": "Condensed Balance Sheet Statements, Captions [Line Items]", "label": "Condensed Balance Sheet Statements, Captions [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": ["r185", "r268", "r1050"] }, "srt_ConsolidationItemsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsAxis", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Consolidation Items [Axis]", "label": "Consolidation Items [Axis]", "documentation": "Information by components, eliminations, non-segment corporate level activity and reconciling items used in consolidating a parent entity and its subsidiaries or its operating segments." } } }, "auth_ref": ["r174", "r185", "r206", "r207", "r208", "r209", "r210", "r211", "r212", "r213", "r214", "r268", "r298", "r306", "r320", "r321", "r322", "r323", "r324", "r326", "r327", "r328", "r395", "r396", "r397", "r398", "r400", "r401", "r402", "r403", "r404", "r890", "r891", "r1063", "r1064", "r1143", "r1144"] }, "srt_ConsolidationItemsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsDomain", "presentation": [
"http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Consolidation Items [Domain]", "label": "Consolidation Items [Domain]", "documentation": "Components, elimination, non-segment corporate-level activity and reconciling items used in consolidating a parent entity and its subsidiaries or its operating segments." } } }, "auth_ref": ["r174", "r185", "r206", "r207", "r208", "r209", "r210", "r211", "r212", "r213", "r214", "r268", "r298", "r306", "r320", "r321", "r322", "r323", "r324", "r326", "r327", "r328", "r395", "r396", "r397", "r398", "r400", "r401", "r402", "r403", "r404", "r890", "r891", "r1063", "r1064", "r1143", "r1144"] }, "keys_ContractLiabilitiestranslationimpact": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "ContractLiabilitiestranslationimpact", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails"], "lang": { "en-us": { "role": { "terseLabel": "Foreign currency translation impact", "label": "Contract Liabilities translation impact", "documentation": "Contract Liabilities translation impact" } } }, "auth_ref": [] }, "us-gaap_ContractWithCustomerAssetAndLiabilityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerAssetAndLiabilityTableTextBlock", "presentation": ["http://www.keysight.com/role/REVENUETables"], "lang": { "en-us": { "role": { "terseLabel": "Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block]", "label": "Contract with Customer, Contract Asset, Contract Liability, and Receivable [Table Text Block]", "documentation": "Tabular disclosure of receivable, contract asset, and contract liability from contract with customer. Includes, but is not limited to, change in contract asset and contract liability." } } }, "auth_ref": ["r1146"] }, "us-gaap_ContractWithCustomerAssetNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerAssetNetCurrent", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/REVENUEContractAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Contract with Customer, Asset, after Allowance for Credit Loss, Current", "label": "Contract with Customer, Asset, after Allowance for Credit Loss, Current", "documentation": "Amount, after allowance for credit loss, of right to consideration in exchange for good or service transferred to customer when right is conditioned on something other than passage of time, classified as current." } } }, "auth_ref": ["r449", "r451", "r462"] }, "us-gaap_ContractWithCustomerLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiability", "crdr": "credit", "presentation": ["http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails"], "lang": { "en-us": { "role": { "periodStartLabel": "Balance at October 31, 2023", "periodEndLabel": "Balance at July 31, 2024", "label": "Contract with Customer, Liability", "documentation": "Amount of obligation to transfer good or service to customer for which consideration has been received or is receivable." } } }, "auth_ref": ["r449", "r450", "r462"] }, "us-gaap_ContractWithCustomerLiabilityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityAbstract", "lang": { "en-us": { "role": { "terseLabel": "Contract with Customer, Liability [Abstract]", "label": "Contract with Customer, Liability [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ContractWithCustomerLiabilityIncreaseDecreaseForContractAcquiredInBusinessCombination": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityIncreaseDecreaseForContractAcquiredInBusinessCombination", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred revenue arising out of acquisitions", "label": "Contract with Customer, Liability, Increase (Decrease) for Contract Acquired in Business Combination", "documentation": "Amount of increase (decrease) in obligation to transfer good or service to customer for which consideration from customer has been received or is due, from business combination." } } }, "auth_ref": ["r903"] }, "us-gaap_ContractWithCustomerLiabilityRevenueRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityRevenueRecognized", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Revenue recognized that was deferred as of the beginning of the period", "label": "Contract with Customer, Liability, Revenue Recognized", "documentation": "Amount of revenue recognized that was previously included in balance of obligation to transfer good or service to customer for which consideration from customer has been received or is due." } } }, "auth_ref": ["r463"] }, "us-gaap_CostOfGoodsAndServicesSold": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfGoodsAndServicesSold", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_CostsAndExpenses", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Cost of Goods and Services Sold", "label": "Cost of Goods and Services Sold", "documentation": "The aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities." } } }, "auth_ref": ["r128", "r129", "r691"] }, "us-gaap_CostOfSalesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfSalesMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails", "http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails",
"http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cost of products and services", "label": "Cost of Sales [Member]", "documentation": "Primary financial statement caption encompassing cost of sales." } } }, "auth_ref": [] }, "us-gaap_CostsAndExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostsAndExpenses", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Total costs and expenses", "label": "Costs and Expenses", "documentation": "Total costs of sales and operating expenses for the period." } } }, "auth_ref": ["r134"] }, "us-gaap_CostsAndExpensesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostsAndExpensesAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Costs

and expenses:", "label": "Costs and Expenses [Abstract]" } } }, "auth_ref": [] }, "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.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Credit Facility [Axis]", "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": ["r394", "r1141"] }, "us-gaap_CreditFacilityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityDomain", "presentation": ["http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Credit Facility [Domain]", "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": ["r394", "r1141", "r1142"] }, "dei_CurrentFiscalYearEndDate": { "xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": ["http://www.keysight.com/role/CoverPage"], "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": [] }, "us-gaap_CustomerRelationshipsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CustomerRelationshipsMember", "presentation": ["http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer relationships", "label": "Customer Relationships [Member]", "documentation": "Customer relationship that exists between an entity and its customer, for example, but not limited to, tenant relationships." } } }, "auth_ref": ["r74", "r1116", "r1117", "r1118", "r1119", "r1121", "r1122", "r1125", "r1126"] }, "us-gaap_DebtAndEquitySecuritiesGainLossAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtAndEquitySecuritiesGainLossAbstract", "lang": { "en-us": { "role": { "terseLabel": "Debt and Equity Securities, Gain (Loss) [Abstract]", "label": "Debt and Equity Securities, Gain (Loss) [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DebtDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Debt Disclosure [Abstract]", "label": "Debt Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DebtDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureTextBlock", "presentation": ["http://www.keysight.com/role/DEBT"], "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": ["r146", "r263", "r376", "r377", "r378", "r379", "r380", "r393", "r394", "r406", "r412", "r413", "r414", "r415", "r416", "r417", "r422", "r429", "r430", "r432", "r673"] }, "us-gaap_DebtInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentAxis", "presentation": ["http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument [Axis]", "label": "Debt Instrument [Axis]", "documentation": "Information by type of debt instrument, including, but not limited to, draws against credit facilities." } } }, "auth_ref": ["r27", "r103", "r104", "r165", "r166", "r268", "r407", "r408", "r409", "r410", "r411", "r413", "r418", "r419", "r420", "r421", "r423", "r424", "r425", "r426", "r427", "r428", "r898", "r899", "r900", "r901", "r902", "r931", "r1084", "r1128", "r1129", "r1130", "r1183", "r1184"] }, "us-gaap_DebtInstrumentCovenantCompliance": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentCovenantCompliance", "presentation": ["http://www.keysight.com/role/DEBTletterofcreditsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Covenant Compliance", "label": "Debt Instrument, Covenant Compliance", "documentation": "States whether the entity was in compliance with the debt covenants throughout the reporting period, and describes facts and circumstances of any compliance failure." } } }, "auth_ref": ["r27", "r100"] }, "us-gaap_DebtInstrumentDescriptionOfVariableRateBasis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentDescriptionOfVariableRateBasis", "presentation": ["http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Description of Variable Rate Basis", "label": "Debt Instrument, Description of Variable Rate Basis", "documentation": "Description of reference rate used for variable rate of debt instrument." } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentFaceAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentFaceAmount", "crdr": "credit", "presentation": ["http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Face Amount", "label": "Debt Instrument, Face Amount", "documentation": "Face (par) amount of debt instrument at time of issuance." } } }, "auth_ref": ["r407", "r673", "r674", "r899", "r900", "r931"] }, "us-gaap_DebtInstrumentInterestRateStatedPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentInterestRateStatedPercentage", "presentation": ["http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Interest Rate, Stated Percentage", "label": "Debt Instrument, Interest Rate, Stated Percentage", "documentation": "Contractual interest rate for funds borrowed, under the debt agreement." } } }, "auth_ref": ["r106", "r408"] }, "us-gaap_DebtInstrumentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentLineItems", "presentation": ["http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument", "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": ["r268", "r407", "r408", "r409", "r410", "r411", "r413", "r418", "r419", "r420", "r421", "r423", "r424", "r425", "r426", "r427", "r428", "r431", "r898", "r899", "r900", "r901", "r902", "r931", "r1084", "r1183", "r1184"] }, "us-gaap_DebtInstrumentNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentNameDomain", "presentation": ["http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Name [Domain]", "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", "r268", "r407", "r408", "r409", "r410", "r411", "r413", "r418", "r419", "r420", "r421", "r423", "r424", "r425", "r426", "r427", "r428", "r898", "r899", "r900", "r901", "r902", "r931", "r1084", "r1128", "r1129", "r1130", "r1183", "r1184"] }, "us-gaap_DebtInstrumentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentTable", "presentation": ["http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Long-term Debt Instruments [Table]", "label": "Schedule of Long-Term Debt Instruments [Table]", "documentation": "Disclosure of information about long-term debt instrument or arrangement." } } }, "auth_ref": ["r27", "r52", "r53", "r99", "r148", "r149", "r268", "r407", "r408", "r409", "r410", "r411", "r413", "r418", "r419", "r420", "r421", "r423", "r424", "r425", "r426", "r427", "r428", "r431", "r898", "r899", "r900", "r901", "r902", "r931", "r1084", "r1183", "r1184"] }, "us-gaap_DebtInstrumentTerm": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentTerm", "presentation": ["http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Term", "label": "Debt Instrument, Term", "documentation": "Period of time between issuance and maturity of debt instrument, in PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentUnamortizedDiscountPremiumAndDebtIssuanceCostsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentUnamortizedDiscountPremiumAndDebtIssuanceCostsNet", "crdr": "debit", "presentation": ["http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unamortized costs", "label": "Debt Instrument, Unamortized Discount (Premium) and Debt Issuance Costs, Net", "documentation": "Amount of unamortized debt discount (premium) and debt issuance costs." } } }, "auth_ref": ["r418", "r433", "r672", "r673", "r674", "r899", "r900", "r931"] }, "us-gaap_DeferredIncomeTaxAssetsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxAssetsNet", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 7.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-term deferred tax assets", "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": ["r583", "r584"] }, "us-gaap_DeferredIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxExpenseBenefit", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Deferred tax expense (benefit)", "label": "Deferred Income Tax Expense (Benefit)", "documentation": "Amount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations." } } }, "auth_ref": ["r14", "r182", "r1086"] }, "us-gaap_DeferredRevenueCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredRevenueCurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Deferred revenue", "label": "Deferred Revenue, Current", "documentation": "Amount of deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable, classified as current." } } }, "auth_ref": ["r1068"] }, "us-gaap_DeferredRevenueNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredRevenueNoncurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Long term deferred revenue", "label": "Deferred Revenue, Noncurrent", "documentation": "Amount of deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable, classified as noncurrent." } } }, "auth_ref": ["r1070"] }, "us-gaap_DefinedBenefitPlanAmortizationOfGainsLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmortizationOfGainsLosses", "crdr": "credit", "calculation": { "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Amortization of 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": ["r468", "r506", "r531", "r913", "r914"] }, "us-gaap_DefinedBenefitPlanAmortizationOfPriorServiceCostCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmortizationOfPriorServiceCostCredit", "crdr": "debit", "calculation": { "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": 1.0, "order": 5.0 } }, "lang": { "en-us": { "role": { "documentation": "Amount of prior service cost (credit) recognized in net periodic benefit cost (credit) of defined benefit plan." } } }, "auth_ref": ["r468", "r507", "r532", "r913", "r914"] }, "us-gaap_DefinedBenefitPlanContributionsByEmployer": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanContributionsByEmployer", "crdr": "debit", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Contributions by employer", "label": "Defined Benefit Plan, Plan Assets, Contributions by Employer", "documentation": "Amount of contribution received by defined benefit plan from employer which increases plan assets." } } }, "auth_ref": ["r483", "r493", "r535", "r911", "r912", "r913", "r914"] }, "us-gaap_DefinedBenefitPlanDisclosureLineItems": {

```
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanDisclosureLineItems", "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails",
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Defined Benefit Plan Disclosure", "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_DefinedBenefitPlanExpectedFutureEmployerContributionsRemainderOfFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "DefinedBenefitPlanExpectedFutureEmployerContributionsRemainderOfFiscalYear", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Estimated
future employer contributions in remainder of current fiscal year", "label": "Defined Benefit Plan, Expected Future Employer Contributions, Remainder of Fiscal Year",
"documentation": "Amount of contribution expected to be received by defined benefit plan from employer in remainder of current fiscal year. Excludes contribution previously
paid by employer in current fiscal year." } } }, "auth_ref": [ "r535", "r914" ] }, "us-gaap_DefinedBenefitPlanExpectedReturnOnPlanAssets": { "xbrltype": "monetaryItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedReturnOnPlanAssets", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails": {
"parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": -1.0, "order": 3.0 } }, "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails" ], "lang": {
"en-us": { "role": { "negatedTerseLabel": "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": [ "r468", "r505", "r530", "r913", "r914" ] }, "us-gaap_DefinedBenefitPlanInterestCost": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanInterestCost", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails": {
"parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Interest cost on benefit obligation", "label": "Defined Benefit Plan, Interest Cost", "documentation": "Amount of cost recognized for passage of
time related to defined benefit plan." } } }, "auth_ref": [ "r468", "r472", "r504", "r529", "r913", "r914" ] }, "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanNetPeriodicBenefitCost", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails": {
"parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails" ], "lang": {
"en-us": { "role": { "totalLabel": "Net periodic benefit cost (benefit)", "label": "Defined Benefit Plan, Net Periodic Benefit Cost (Credit)", "documentation": "Amount of net
periodic benefit cost (credit) for defined benefit plan." } } }, "auth_ref": [ "r502", "r527", "r913", "r914" ] }, "us-
gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlementsAndCurtailments1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"DefinedBenefitPlanRecognizedNetGainLossDueToSettlementsAndCurtailments1", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails": {
"parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": -1.0, "order": 6.0 } }, "lang": { "en-us": { "role": { "documentation": "Amount of gain (loss)
recognized in net periodic benefit (cost) credit from settlement and curtailment." } } }, "auth_ref": [ "r1148", "r1149", "r1150" ] }, "us-gaap_DefinedBenefitPlanServiceCost": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanServiceCost", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails": {
"parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Service cost\u2014benefits earned during the period", "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": [ "r470", "r503", "r528", "r913", "r914" ] }, "us-
gaap_Depreciation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Depreciation", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-
gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Depreciation", "label":
"Depreciation", "documentation": "The amount of expense recognized in the current period that reflects the allocation of the cost of tangible assets over the assets' useful lives.
Includes production and non-production related depreciation." } } }, "auth_ref": [ "r14", "r48" ] }, "us-gaap_DerivativeAssetNotionalAmount": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeAssetNotionalAmount", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Derivative Asset", "label": "Derivative Asset, Notional Amount", "documentation": "Nominal or face amount used to calculate payments on the derivative asset." }
} }, "auth_ref": [ "r842", "r845", "r847", "r854", "r1160", "r1161", "r1162" ] }, "us-gaap_DerivativeContractTypeDomain": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DerivativeContractTypeDomain", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails",
"http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Derivative Contract [Domain]", "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": [ "r786", "r787", "r801", "r802", "r803",
"r804", "r805", "r806", "r807", "r809", "r810", "r811", "r812", "r822", "r823", "r824", "r825", "r828", "r829", "r830", "r831", "r842", "r844", "r852", "r855", "r950", "r952",
"r1171", "r1172", "r1173", "r1174", "r1175", "r1176", "r1177", "r1178" ] }, "us-gaap_DerivativeFairValueOfDerivativeAsset": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DerivativeFairValueOfDerivativeAsset", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "verboseLabel":
"Total derivatives Asset", "label": "Derivative Asset, Subject to Master Netting Arrangement, before Offset", "documentation": "Fair value, before 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 elected not to be offset. Excludes assets not subject to a master netting arrangement." } } }, "auth_ref": [ "r25",
"r122", "r159", "r160", "r237", "r881" ] }, "us-gaap_DerivativeFairValueOfDerivativeLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "DerivativeFairValueOfDerivativeLiability", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "verboseLabel":
"Total derivatives Liabilities", "label": "Derivative Liability, Subject to Master Netting Arrangement, before Offset", "documentation": "Fair value, before 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 elected not to be offset. Excludes liabilities not subject to a master netting arrangement." } } },
"auth_ref": [ "r25", "r122", "r159", "r160", "r237", "r881" ] }, "us-gaap_DerivativeFairValueOfDerivativeNetAbstract": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DerivativeFairValueOfDerivativeNetAbstract", "presentation": [
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Derivative Fair Value by Balance Sheet Location [Abstract]", "label": "Derivative, Fair Value, Net [Abstract]" } } }, "auth_ref": [] }, "us-
gaap_DerivativeGainLossOnDerivativeNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeGainLossOnDerivativeNet",
"crdr": "credit", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Derivatives not designated as hedging instruments:", "label": "Derivative, Gain (Loss) on Derivative, Net", "documentation": "Amount of increase (decrease) in the fair value of
derivatives recognized in the income statement." } } }, "auth_ref": [ "r1163" ] }, "us-gaap_DerivativeInstrumentRiskAxis": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentRiskAxis", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails",
"http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Derivative Instrument [Axis]", "label": "Derivative Instrument [Axis]", "documentation": "Information by type of derivative contract." } } }, "auth_ref": [ "r87", "r90", "r92",
"r161", "r786", "r787", "r801", "r802", "r803", "r804", "r805", "r806", "r807", "r809", "r810", "r811", "r812", "r822", "r823", "r824", "r825", "r828", "r829", "r830", "r831",
"r842", "r844", "r852", "r855", "r881", "r950", "r952", "r1171", "r1172", "r1173", "r1174", "r1175", "r1176", "r1177", "r1178" ] }, "us-
gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Derivative Instruments and Hedging Activities Disclosure
[Abstract]", "label": "Derivative Instruments and Hedging Activities Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-
gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "presentation": [ "http://www.keysight.com/role/DERIVATIVES" ], "lang": { "en-us": { "role": { "terseLabel":
"DERIVATIVES", "label": "Derivative Instruments and Hedging Activities Disclosure [Text Block]", "documentation": "The entire disclosure for derivative instruments and
hedging activities including, but not limited to, risk management strategies, non-hedging derivative instruments, assets, liabilities, revenue and expenses, and methodologies
and assumptions used in determining the amounts." } } }, "auth_ref": [ "r158", "r624", "r631" ] }, "us-gaap_DerivativeInstrumentsGainLossByHedgingRelationshipAxis": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsGainLossByHedgingRelationshipAxis", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Hedging Relationship [Axis]", "label": "Hedging Relationship [Axis]", "documentation": "Information by type of hedging relationship." } } }, "auth_ref": [ "r20", "r87", "r90" ] },
"us-gaap_DerivativeInstrumentsGainLossByHedgingRelationshipByIncomeStatementLocationByDerivativeInstrumentRiskTable": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsGainLossByHedgingRelationshipByIncomeStatementLocationByDerivativeInstrumentRiskTable",
"presentation": [ "http://www.keysight.com/role/DERIVATIVESTerminationIRSDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Instruments, Gain (Loss)
[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": [ "r20", "r87", "r90", "r92", "r96", "r97", "r623" ] }, "us-
gaap_DerivativeInstrumentsGainLossLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"DerivativeInstrumentsGainLossLineItems", "presentation": [ "http://www.keysight.com/role/DERIVATIVESTerminationIRSDetails" ], "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": [ "r623" ] }, "us-gaap_DerivativeInstrumentsGainLossReclassifiedFromAccumulatedOCIIntoIncomeEffectivePortionNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsGainLossReclassifiedFromAccumulatedOCIIntoIncomeEffectivePortionNet", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Gain (loss) reclassified from accumulated other comprehensive\u00a0income (loss) into earnings:", "label": "Derivative Instruments, Gain (Loss) Reclassified from Accumulated OCI into Income, Effective Portion, Net", "documentation": "The effective portion of net gain (loss) reclassified from accumulated other comprehensive income into income on derivative instruments designated and qualifying as hedging instruments." } } }, "auth_ref": [ "r24", "r162" ] }, "us-gaap_DerivativeInstrumentsGainLossRecognizedInIncomeIneffectivePortionAndAmountExcludedFromEffectivenessTestingNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsGainLossRecognizedInIncomeIneffectivePortionAndAmountExcludedFromEffectivenessTestingNet", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Gain excluded from effectiveness testing recognized in earnings based on changes in fair value:", "label": "Derivative Instruments, Gain (Loss) Recognized in Income, Ineffective Portion and Amount Excluded from Effectiveness Testing, Net", "documentation": "The portion of gains and losses (net) on derivative instruments designated and qualifying as hedging instruments representing (a) the amount of the hedge ineffectiveness and (b) the amount, if any, excluded from the assessment of hedge effectiveness." } } }, "auth_ref": [ "r163" ] }, "us-gaap_DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Instruments Not Designated as Hedging Instruments, Gain (Loss), Net", "label": "Derivative Instruments Not Designated as Hedging Instruments, Gain (Loss), Net", "documentation": "Amount of realized and unrealized gain (loss) of derivative instruments not designated or qualifying as hedging instruments." } } }, "auth_ref": [ "r91", "r1056" ] }, "us-gaap_DerivativeLiabilityNotionalAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLiabilityNotionalAmount", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Liability, Notional Amount", "label": "Derivative Liability, Notional Amount", "documentation": "Nominal or face amount used to calculate payments on the derivative liability." } } }, "auth_ref": [ "r843", "r845", "r846", "r854", "r1160", "r1161", "r1162" ] }, "us-gaap_DerivativeLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLineItems", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails",
"http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "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": [ "r631" ] }, "us-gaap_DerivativeLossOnDerivative": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLossOnDerivative", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative, Loss on Derivative", "label": "Derivative, Loss on Derivative", "documentation": "Amount of decrease in the fair value of derivatives recognized in the income statement." } } }, "auth_ref": [ "r622" ] }, "us-gaap_DerivativeLossStatementOfIncomeOrComprehensiveIncomeExtensibleEnumeration": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLossStatementOfIncomeOrComprehensiveIncomeExtensibleEnumeration", "presentation": [
"http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative, Loss, Statement of Income or Comprehensive Income [Extensible Enumeration]", "label": "Derivative, Loss, Statement of Income or Comprehensive Income [Extensible Enumeration]", "documentation": "Indicates line item in statement of income or comprehensive income that includes loss from derivative." } } }, "auth_ref": [ "r622" ] }, "us-gaap_DerivativeNetLiabilityPositionAggregateFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeNetLiabilityPositionAggregateFairValue", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative, Net Liability Position, Aggregate Fair Value", "label": "Derivative, Net Liability Position, Aggregate Fair Value", "documentation": "The aggregate fair value amounts of derivative instruments that contain credit risk related contingent features that are in a net liability position at the end of the reporting period. For nonderivative instruments that are designated and qualify as hedging instruments, the fair value amounts are the carrying value of the nonderivative hedging instrument, including the adjustment for the foreign currency transaction gain (loss) on that instrument." } } }, "auth_ref": [ "r93" ] }, "us-gaap_DerivativeNotionalAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeNotionalAmount", "presentation": [
"http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Liability, Notional Amount", "label": "Derivative, Notional Amount", "documentation": "Nominal or face amount used to calculate payment on derivative." } } }, "auth_ref": [ "r1161", "r1162" ] }, "us-gaap_DerivativeTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeTable", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "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": [ "r20", "r80", "r81", "r83", "r85", "r88", "r90", "r94", "r95", "r97", "r631" ] }, "us-gaap_DesignatedAsHedgingInstrumentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DesignatedAsHedgingInstrumentMember", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Designated as Hedging Instruments", "label": "Designated as Hedging Instrument [Member]", "documentation": "Derivative instrument designated as hedging instrument under Generally Accepted Accounting Principles (GAAP)." } } }, "auth_ref": [ "r20" ] }, "us-gaap_DevelopedTechnologyRightsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DevelopedTechnologyRightsMember", "presentation": [
"http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Developed technology", "label": "Developed Technology Rights [Member]", "documentation": "Rights to developed technology, which can include the right to develop, use, market, sell, or offer for sale products, compounds, or intellectual property." } } }, "auth_ref": [ "r153", "r1116", "r1117", "r1118", "r1119", "r1121", "r1122", "r1125", "r1126" ] }, "us-gaap_DisaggregationOfRevenueLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueLineItems", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "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": [ "r461", "r904", "r905", "r906", "r907", "r908", "r909", "r910" ] }, "us-gaap_DisaggregationOfRevenueTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueTable", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "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": [ "r461", "r904", "r905", "r906", "r907", "r908", "r909", "r910" ] }, "us-gaap_DisaggregationOfRevenueTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueTableTextBlock", "presentation": [ "http://www.keysight.com/role/REVENUETables" ], "lang": { "en-us": { "role": { "terseLabel": "Disaggregation of Revenue [Table Text Block]", "label": "Disaggregation of Revenue [Table Text Block]", "documentation": "Tabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor." } } }, "auth_ref": [ "r1147" ] }, "us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "presentation": [ "http://www.keysight.com/role/SHAREBASEDCOMPENSATION" ], "lang": { "en-us": { "role": { "terseLabel": "SHARE-BASED COMPENSATION", "label": "Share-Based Payment Arrangement [Text Block]", "documentation": "The entire disclosure for share-based payment arrangement." } } }, "auth_ref": [ "r543", "r546", "r576", "r577", "r578", "r921" ] }, "us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract", "lang": { "en-us": { "role": { "terseLabel": "Share-based Payment Arrangement [Abstract]", "label": "Share-Based Payment Arrangement [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DisclosureTextBlockAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisclosureTextBlockAbstract", "lang": { "en-us": { "role": { "terseLabel": "Disclosure Text Block [Abstract]", "label": "Disclosure Text Block [Abstract]" } } }, "auth_ref": [] }, "keys_DiscountRateUsedToValueInProcessRD": { "xbrltype": "percentItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "DiscountRateUsedToValueInProcessRD", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Discount rate used to value In Process R&D", "label": "Discount rate used to value In Process R&D", "documentation": "Discount rate used to value In Process R&D" } } }, "auth_ref": [] }, "keys_DiscreteTaxBenefitExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "DiscreteTaxBenefitExpense", "presentation": [ "http://www.keysight.com/role/INCOMETAXESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Discrete tax benefit (expense) [Line Items]", "label": "Discrete tax benefit (expense)", "documentation": "Discrete tax benefit (expense) related to the deduction in the U.S. for intangible assets for purposes of determining income or loss under IRC \u00a7 951A(c)" } } }, "auth_ref": [] }, "keys_DiscreteTaxExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "DiscreteTaxExpense", "presentation": [ "http://www.keysight.com/role/INCOMETAXESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Discrete tax expense [Line Items]", "label": "Discrete tax expense", "documentation": "Discrete tax expense due to a change in the potential U.S. benefit associated with the future resolution of non-U.S. tax reserves." } } }, "auth_ref": [] }, "dei_DocumentFiscalPeriodFocus": { "xbrltype": "fiscalPeriodItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalPeriodFocus", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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.keysight.com/role/CoverPage" ], "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_DocumentPeriodEndDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentPeriodEndDate", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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.keysight.com/role/CoverPage"], "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": ["r966"] }, "dei_DocumentTransitionReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentTransitionReport", "presentation": ["http://www.keysight.com/role/CoverPage"], "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": ["r998"] }, "dei_DocumentType": { "xbrltype": "submissionTypeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentType", "presentation": ["http://www.keysight.com/role/CoverPage"], "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": [] }, "us-gaap_DomesticPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DomesticPlanMember", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Domestic Plan [Member]", "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": ["r1151", "r1152", "r1153"] }, "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": { "terseLabel": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year", "label": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member]" } } }, "auth_ref": ["r1009"] }, "keys_ESIGroupSAMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "ESIGroupSAMember", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails", "http://www.keysight.com/role/ACQUISITIONSProFormaInformationDetails", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails", "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails", "http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails", "http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails"], "lang": { "en-us": { "role": { "terseLabel": "ESI Group SA", "label": "ESI Group SA [Member]", "documentation": "ESI Group SA" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Net income per share:", "terseLabel": "Earnings Per Share [Abstract]", "label": "Earnings Per Share [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareBasic": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasic", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHARECOMPUTATIONDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Basic (in dollars per share)", "terseLabel": "Net income per share - basic", "label": "Earnings Per Share, Basic", "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": ["r254", "r274", "r275", "r276", "r277", "r278", "r279", "r284", "r286", "r291", "r292", "r293", "r297", "r606", "r613", "r634", "r635", "r728", "r746", "r883"] }, "us-gaap_EarningsPerShareDiluted": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareDiluted", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHARECOMPUTATIONDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Diluted (in dollars per share)", "terseLabel": "Net income per share - diluted", "label": "Earnings Per Share, Diluted", "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": ["r254", "r274", "r275", "r276", "r277", "r278", "r279", "r286", "r291", "r292", "r293", "r297", "r606", "r613", "r634", "r635", "r728", "r746", "r883"] }, "us-gaap_EarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareTextBlock", "presentation": ["http://www.keysight.com/role/NETINCOMEPERSHARE"], "lang": { "en-us": { "role": { "terseLabel": "NET INCOME PER SHARE", "label": "Earnings Per Share [Text Block]", "documentation": "The entire disclosure for earnings per share." } } }, "auth_ref": ["r283", "r294", "r295", "r296"] }, "us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Effect of exchange rate movements", "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": ["r662"] }, "us-gaap_EffectiveIncomeTaxRateContinuingOperations": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateContinuingOperations", "presentation": ["http://www.keysight.com/role/INCOMETAXESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Effective Income Tax Rate, Percent", "label": "Effective Income Tax Rate Reconciliation, Percent", "documentation": "Percentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": ["r586", "r922"] }, "keys_ElectronicIndustrialSolutionsGroupMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "ElectronicIndustrialSolutionsGroupMember", "presentation": ["http://www.keysight.com/role/REVENUEDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails"], "lang": { "en-us": { "role": { "terseLabel": "Electronic Industrial Solutions Group", "label": "Electronic Industrial Solutions Group [Member]", "documentation": "Electronic Industrial Solutions Group [Member]" } } }, "auth_ref": [] }, "keys_ElectronicIndustrialSolutionsGroupMemberMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "ElectronicIndustrialSolutionsGroupMemberMember", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Electronic Industrial Solutions Group", "label": "Electronic Industrial Solutions Group [Member] [Member]", "documentation": "Electronic Industrial Solutions Group [Member]" } } }, "auth_ref": [] }, "keys_ElectronicindustrialMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "ElectronicindustrialMember", "presentation": ["http://www.keysight.com/role/REVENUEDetails"], "lang": { "en-us": { "role": { "terseLabel": "Electronic Industrial", "label": "electronic industrial [Member]", "documentation": "electronic industrial [Member]" } } }, "auth_ref": [] }, "keys_EmployeeCompensationAndBenefitsAssumed": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "EmployeeCompensationAndBenefitsAssumed", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails"], "lang": { "en-us": { "role": { "terseLabel": "Employee compensation and benefits", "label": "Employee compensation and benefits assumed", "documentation": "Employee compensation and benefits assumed" } } }, "auth_ref": [] }, "us-gaap_EmployeeRelatedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeRelatedLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Employee compensation and benefits", "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": ["r104"] }, "us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount", "crdr": "debit", "presentation": ["http://www.keysight.com/role/SHAREBASEDCOMPENSATIONSHAREBASEDCOMPENSATIONTextualsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Compensation, Capitalized within inventory", "label": "Share-Based Payment Arrangement, Amount Capitalized", "documentation": "Amount of cost capitalized for award under share-based payment arrangement." } } }, "auth_ref": ["r575"] }, "us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems", "presentation": ["http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Compensation Expense, Allocation of Recognized Period Costs [Line Items]", "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount [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_EmployeeStockOptionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOptionMember", "presentation": ["http://www.keysight.com/role/NETINCOMEPERSHARENarrativesDetails", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Stock Options", "label": "Share-Based Payment Arrangement, Option [Member]", "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": [] }, "keys_EndmarketsAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "EndmarketsAxis", "presentation": ["http://www.keysight.com/role/REVENUEDetails"], "lang": { "en-us": { "role": { "terseLabel": "End-markets [Axis]", "label": "End-markets [Axis]", "documentation": "End-markets [Axis]" } } }, "auth_ref": [] }, "keys_EndmarketsDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "EndmarketsDomain", "presentation": ["http://www.keysight.com/role/REVENUEDetails"], "lang": { "en-us": { "role": { "terseLabel": "End-markets [Domain]", "label": "End-markets [Domain]", "documentation": "[Domain] for End-markets [Axis]" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://www.keysight.com/role/CoverPage"], "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_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://www.keysight.com/role/CoverPage"], "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.keysight.com/role/CoverPage"], "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.keysight.com/role/CoverPage"], "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.keysight.com/role/CoverPage" ], "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": [ "r964" ] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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.keysight.com/role/CoverPage" ], "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_EntityEmergingGrowthCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityEmergingGrowthCompany", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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": [ "r964" ] }, "dei_EntityExTransitionPeriod": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityExTransitionPeriod", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Ex Transition Period", "label": "Entity Ex Transition Period", "documentation": "Indicate if an emerging growth company has elected not to use the extended transition period for complying with any new or revised financial accounting standards." } } }, "auth_ref": [ "r1049" ] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "lang": { "en-us": { "role": { "terseLabel": "Entity File Number", "label": "Entity 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.keysight.com/role/CoverPage" ], "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": [ "r964" ] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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.keysight.com/role/CoverPage" ], "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": [ "r1048" ] }, "dei_EntityRegistrantName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityRegistrantName", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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": [ "r964" ] }, "dei_EntityShellCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityShellCompany", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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": [ "r964" ] }, "dei_EntitySmallBusiness": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitySmallBusiness", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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": [ "r964" ] }, "dei_EntityTaxIdentificationNumber": { "xbrltype": "employerIdItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTaxIdentificationNumber", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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": [ "r964" ] }, "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": { "terseLabel": "Equity Awards Adjustments, Footnote", "label": "Equity Awards Adjustments, Footnote [Text Block]" } } }, "auth_ref": [ "r1003" ] }, "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": { "terseLabel": "Equity Awards Adjustments, Excluding Value Reported in Compensation Table", "label": "Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member]" } } }, "auth_ref": [ "r1044" ] }, "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": { "terseLabel": "Equity Awards Adjustments", "label": "Equity Awards Adjustments [Member]" } } }, "auth_ref": [ "r1044" ] }, "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": { "terseLabel": "Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table", "label": "Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table [Member]" } } }, "auth_ref": [ "r1044" ] }, "us-gaap_EquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityAbstract", "lang": { "en-us": { "role": { "terseLabel": "Equity [Abstract]", "label": "Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EquityComponentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityComponentDomain", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Component [Domain]", "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": [ "r19", "r216", "r248", "r249", "r250", "r269", "r270", "r271", "r273", "r278", "r280", "r282", "r299", "r338", "r339", "r373", "r448", "r596", "r597", "r603", "r604", "r605", "r607", "r612", "r613", "r625", "r626", "r627", "r628", "r629", "r630", "r633", "r664", "r666", "r667", "r668", "r669", "r671", "r675", "r677", "r686", "r743", "r769", "r770", "r771", "r780", "r834" ] }, "us-gaap_EquityMethodInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityMethodInvestments", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFAIRVALUEMEASUREMENTSNetrecognizedgainslossesonequitysecuritiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Method Investments", "label": "Equity Method Investments", "documentation": "This item represents the carrying amount on the entity's balance sheet of its investment in common stock of an equity method investee. This is not an indicator of the fair value of the investment, rather it is the initial cost adjusted for the entity's share of earnings and losses of the investee, adjusted for any distributions (dividends) and other than temporary impairment (OTTI) losses recognized." } } }, "auth_ref": [ "r298", "r314", "r326", "r336", "r1066", "r1101" ] }, "us-gaap_EquitySecuritiesFvNi": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquitySecuritiesFvNi", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": "us-gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity investments", "label": "Equity Securities, FV-NI, Current", "documentation": "Amount of investment in equity security measured at fair value with change in fair value recognized in net income (FV-NI), classified as current." } } }, "auth_ref": [ "r229", "r656", "r878" ] }, "us-gaap_EquitySecuritiesFvNiRealizedGain": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquitySecuritiesFvNiRealizedGain", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFAIRVALUEMEASUREMENTSNetrecognizedgainslossesonequitysecuritiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Securities, FV-NI, Realized Gain", "label": "Equity Securities, FV-NI, Realized Gain", "documentation": "Amount of realized gain from sale of investment in equity security measured at fair value with change in fair value recognized in net income (FV-NI)." } } }, "auth_ref": [ "r1100" ] }, "us-gaap_EquitySecuritiesFvNiUnrealizedGainLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquitySecuritiesFvNiUnrealizedGainLoss", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFAIRVALUEMEASUREMENTSNetrecognizedgainslossesonequitysecuritiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Securities, FV-NI, Unrealized Gain (Loss)", "label": "Equity Securities, FV-NI, Unrealized Gain (Loss)", "documentation": "Amount of unrealized gain (loss) on investment in equity security measured at fair value with change in fair value recognized in net income (FV-NI)." } } }, "auth_ref": [ "r747", "r1100" ] }, "us-gaap_EquitySecuritiesWithoutReadilyDeterminableFairValueAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquitySecuritiesWithoutReadilyDeterminableFairValueAmount", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": "us-gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity investments - other", "label": "Equity Securities without Readily Determinable Fair Value, Amount", "documentation": "Amount of investment in equity security without readily determinable fair value." } } }, "auth_ref": [ "r335" ] }, "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": { "terseLabel": "Equity Valuation Assumption Difference, Footnote", "label": "Equity Valuation Assumption Difference, Footnote [Text Block]" } } }, "auth_ref": [ "r1013" ] }, "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": { "terseLabel": "Erroneous Compensation Analysis", "label": "Erroneous Compensation Analysis [Text Block]" } } }, "auth_ref": [ "r971", "r981", "r991", "r1023" ] }, "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": { "terseLabel": "Erroneously Awarded Compensation Recovery", "label": "Erroneously Awarded Compensation Recovery [Table]" } } }, "auth_ref": [ "r968", "r978", "r988", "r1020" ] }, "us-gaap_EuriborFutureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EuriborFutureMember", "presentation": [ "http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Euribor Future", "label": "Euribor Future [Member]", "documentation": "A standardized contract, traded on a futures exchange, to buy or sell a 3-month Euro Interbank Offered Rate (Euribor) time deposit at a certain date n the future, at a certain yield." } } }, "auth_ref": [] }, "srt_EuropeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "EuropeMember", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Europe", "label": "Europe [Member]", "documentation": "Continent of Europe." } } }, "auth_ref": [ "r1059", "r1060", "r1061", "r1062", "r1227", "r1228", "r1229", "r1230" ] }, "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": { "terseLabel": "Executive Category:", "label": "Executive Category [Axis]" } } }, "auth_ref": [ "r1019" ] }, "us-gaap_FairValueAssetLiabilityRecurringBasisStillHeldUnrealizedGainLossOci": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
```

"FairValueAssetLiabilityRecurringBasisStillHeldUnrealizedGainLossOci", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value, Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI", "label": "Fair Value, Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI", "documentation": "Amount of unrealized gain (loss) recognized in other comprehensive income (OCI) from asset (liability) measured at fair value on recurring basis using unobservable input (level 3) and still held." } } }, "auth_ref": ["r1176"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems", "presentation": ["http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "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": ["r637", "r638", "r648", "r926"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value, Recurring and Nonrecurring [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": ["r637", "r638", "r648", "r926"] }, "us-gaap_FairValueByFairValueHierarchyLevelAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByFairValueHierarchyLevelAxis", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Hierarchy and NAV [Axis]", "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": ["r420", "r493", "r494", "r495", "r496", "r497", "r498", "r636", "r638", "r639", "r640", "r641", "r647", "r648", "r650", "r687", "r688", "r689", "r899", "r900", "r911", "r912", "r913", "r926", "r929"] }, "us-gaap_FairValueByMeasurementFrequencyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByMeasurementFrequencyAxis", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Frequency [Axis]", "label": "Measurement Frequency [Axis]", "documentation": "Information by measurement frequency." } } }, "auth_ref": ["r637", "r638", "r639", "r641", "r926", "r1169", "r1179"] }, "us-gaap_FairValueDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresAbstract", "lang": { "en-us": { "role": { "terseLabel": "Fair Value Disclosures [Abstract]", "label": "Fair Value Disclosures [Abstract]" } } }, "auth_ref": [] }, "us-gaap_FairValueDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresTextBlock", "presentation": ["http://www.keysight.com/role/FAIRVALUEMEASUREMENTS"], "lang": { "en-us": { "role": { "terseLabel": "FAIR VALUE MEASUREMENTS", "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": ["r643", "r645", "r646", "r647", "r650", "r651", "r652", "r653", "r654", "r724", "r926", "r930"] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel1Member", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Level 1", "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": ["r420", "r493", "r498", "r638", "r648", "r687", "r911", "r912", "r913", "r926"] }, "us-gaap_FairValueInputsLevel2Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel2Member", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Level\u00a02", "label": "Fair Value, Inputs, Level 2 [Member]", "documentation": "Inputs other than quoted prices included within level 1 that are observable for an asset or liability, either directly or indirectly, including, but not limited to, quoted prices for similar assets or liabilities in active markets, or quoted prices for identical or similar assets or liabilities in inactive markets." } } }, "auth_ref": ["r420", "r493", "r498", "r638", "r639", "r648", "r688", "r899", "r900", "r911", "r912", "r913", "r926"] }, "us-gaap_FairValueInputsLevel3Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel3Member", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Level\u00a03", "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": ["r420", "r493", "r494", "r495", "r496", "r497", "r498", "r638", "r639", "r640", "r641", "r648", "r689", "r899", "r900", "r911", "r912", "r913", "r926", "r929"] }, "keys_FairValueLiabilitiesMeasuredOnRecurringBasisDeferredCompensationLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "FairValueLiabilitiesMeasuredOnRecurringBasisDeferredCompensationLiability", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": "us-gaap_LiabilitiesFairValueDisclosure", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Deferred compensation liability", "label": "Fair Value Liabilities Measured On Recurring Basis Deferred Compensation Liability", "documentation": "This element represents a certain statement of financial position liability which deferred compensation liability, measured at fair value on a recurring basis." } } }, "auth_ref": [] }, "us-gaap_FairValueMeasurementFrequencyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementFrequencyDomain", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Frequency [Domain]", "label": "Measurement Frequency [Domain]", "documentation": "Measurement frequency." } } }, "auth_ref": ["r637", "r638", "r639", "r641", "r926", "r1169", "r1179"] }, "us-gaap_FairValueMeasurementsFairValueHierarchyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsFairValueHierarchyDomain", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Hierarchy and NAV [Domain]", "label": "Fair Value Hierarchy and NAV [Domain]", "documentation": "Categories used to prioritize the inputs to valuation techniques to measure fair value." } } }, "auth_ref": ["r420", "r493", "r494", "r495", "r496", "r497", "r498", "r636", "r638", "r639", "r640", "r641", "r647", "r648", "r650", "r687", "r688", "r689", "r899", "r900", "r911", "r912", "r913", "r926", "r929"] }, "us-gaap_FairValueMeasurementsRecurringMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsRecurringMember", "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value, Measurements, Recurring", "label": "Fair Value, Recurring [Member]", "documentation": "Frequent fair value measurement. Includes, but is not limited to, fair value adjustment for impairment of asset, liability or equity, frequently measured at fair value." } } }, "auth_ref": ["r926", "r1166", "r1167", "r1168", "r1169", "r1170", "r1179"] }, "us-gaap_FairValueNetDerivativeAssetLiabilityRecurringBasisStillHeldUnrealizedGainLossOci": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueNetDerivativeAssetLiabilityRecurringBasisStillHeldUnrealizedGainLossOci", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other Comprehensive Loss, MTM Adjustment into AOCI", "terseLabel": "Fair Value, Net Derivative Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI", "label": "Fair Value, Net Derivative Asset (Liability), Recurring Basis, Still Held, Unrealized Gain (Loss), OCI", "documentation": "Amount of unrealized gain (loss) recognized in other comprehensive income (OCI) from derivative asset (liability) after deduction of derivative liability (asset), measured at fair value using unobservable input (level 3) and still held." } } }, "auth_ref": ["r644", "r649"] }, "us-gaap_FiniteLivedAndIndefiniteLivedIntangibleAssetsAcquiredAsPartOfBusinessCombinationTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedAndIndefiniteLivedIntangibleAssetsAcquiredAsPartOfBusinessCombinationTableTextBlock", "presentation": [
"http://www.keysight.com/role/ACQUISITIONSTables"], "lang": { "en-us": { "role": { "terseLabel": "Finite-Lived and Indefinite-Lived Intangible Assets Acquired as Part of Business Combination", "label": "Finite-Lived and Indefinite-Lived Intangible Assets Acquired as Part of Business Combination [Table Text Block]", "documentation": "Tabular disclosure of finite-lived and indefinite-lived intangible assets acquired as part of a business combination." } } }, "auth_ref": [] }, "us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAccumulatedAmortization", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails",
"http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Amortization and impairments", "negatedTerseLabel": "Finite-Lived Intangible Assets, Accumulated Amortization", "label": "Finite-Lived Intangible Assets, Accumulated Amortization", "documentation": "Accumulated amount of amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life." } } }, "auth_ref": ["r226", "r345", "r366", "r896"] }, "us-gaap_FiniteLivedIntangibleAssetsAcquiredAsPartOfBusinessCombinationTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAcquiredAsPartOfBusinessCombinationTable", "presentation": [
"http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finite-Lived Intangible Assets Acquired as Part of Business Combination [Table]", "label": "Finite-Lived Intangible Assets Acquired as Part of Business Combination [Table]", "documentation": "Disclosure of information about finite-lived intangible asset acquired in business combination." } } }, "auth_ref": ["r47"] }, "us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseAfterYearFive": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAmortizationExpenseAfterYearFive", "crdr": "debit", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Thereafter", "label": "Finite-Lived Intangible Asset, Expected Amortization, after Year Five", "documentation": "Amount of amortization for asset, excluding financial asset and goodwill, lacking physical substance with finite life expected to be recognized 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": ["r1123", "r1231"] }, "us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAmortizationExpenseNextTwelveMonths", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "2025", "label": "Finite-Lived Intangible Asset, Expected Amortization, Year One", "documentation": "Amount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in next 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": ["r368", "r871", "r896"] }, "us-

gaap_FiniteLivedIntangibleAssetsAmortizationExpenseRemainderOfFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAmortizationExpenseRemainderOfFiscalYear", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "2024 (remainder)", "label": "Finite-Lived Intangible Asset, Expected Amortization, Remainder of Fiscal Year", "documentation": "Amount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in remainder of current fiscal year." } } }, "auth_ref": ["r1231"] }, "us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAmortizationExpenseTableTextBlock", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables"], "lang": { "en-us": { "role": { "terseLabel": "Finite-lived Intangible Assets Amortization Expense [Table Text Block]", "label": "Finite-Lived Intangible Assets Amortization Expense [Table Text Block]", "documentation": "Tabular disclosure of amortization expense of assets, excluding financial assets, that lack physical substance, having a limited useful life." } } }, "auth_ref": [] }, "us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearFive": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAmortizationExpenseYearFive", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "2029", "label": "Finite-Lived Intangible Asset, Expected Amortization, Year Five", "documentation": "Amount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in 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": ["r368", "r871", "r896"] }, "us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearFour": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAmortizationExpenseYearFour", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "2028", "label": "Finite-Lived Intangible Asset, Expected Amortization, Year Four", "documentation": "Amount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in fourth 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": ["r368", "r871", "r896"] }, "us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearThree": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAmortizationExpenseYearThree", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "2027", "label": "Finite-Lived Intangible Asset, Expected Amortization, Year Three", "documentation": "Amount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in third 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": ["r368", "r871", "r896"] }, "us-gaap_FiniteLivedIntangibleAssetsAmortizationExpenseYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsAmortizationExpenseYearTwo", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSFiniteLivedAssetsFutureAmortizationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "2026", "label": "Finite-Lived Intangible Asset, Expected Amortization, Year Two", "documentation": "Amount of amortization for assets, excluding financial assets and goodwill, lacking physical substance with finite life expected to be recognized in second 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": ["r368", "r871", "r896"] }, "us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsByMajorClassAxis", "presentation": ["http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finite-Lived Intangible Assets by Major Class [Axis]", "verboseLabel": "Finite-Lived Intangible Assets by Major Class [Axis]", "label": "Finite-Lived Intangible Assets by Major Class [Axis]", "documentation": "Information by major type or class of finite-lived intangible assets." } } }, "auth_ref": ["r359", "r361", "r362", "r363", "r365", "r366", "r370", "r371", "r692", "r693", "r871"] }, "us-gaap_FiniteLivedIntangibleAssetsForeignCurrencyTranslationGainLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsForeignCurrencyTranslationGainLoss", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSIntangibleassetsnarrativesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finite Lived Intangible Assets, Foreign Currency Translation Gain (Loss)", "label": "Finite Lived Intangible Assets, Foreign Currency Translation Gain (Loss)", "documentation": "Amount of foreign currency translation gain (loss) which increases (decreases) assets, excluding financial assets and goodwill, lacking physical substance with a finite life." } } }, "auth_ref": [] }, "us-gaap_FiniteLivedIntangibleAssetsFutureAmortizationExpenseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsFutureAmortizationExpenseAbstract", "lang": { "en-us": { "role": { "terseLabel": "Finite-Lived Intangible Assets, Net, Amortization Expense, Fiscal Year Maturity [Abstract]", "label": "Finite-Lived Intangible Assets, Net, Amortization Expense, Fiscal Year Maturity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_FiniteLivedIntangibleAssetsGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsGross", "crdr": "debit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amortizable intangible assets, Gross carrying amount", "label": "Finite-Lived Intangible Assets, Gross", "documentation": "Amount before amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life." } } }, "auth_ref": ["r345", "r366", "r693", "r896"] }, "us-gaap_FiniteLivedIntangibleAssetsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsLineItems", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finite-Lived Intangible Assets [Line Items]", "label": "Finite-Lived Intangible Assets [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": ["r359", "r366", "r370", "r371", "r372", "r692", "r871", "r896"] }, "us-gaap_FiniteLivedIntangibleAssetsMajorClassNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsMajorClassNameDomain", "presentation": [
"http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finite-Lived Intangible Assets, Major Class Name [Domain]", "label": "Finite-Lived Intangible Assets, Major Class Name [Domain]", "documentation": "The major class of finite-lived intangible asset (for example, patents, trademarks, copyrights, etc.) A major class is composed of intangible assets that can be grouped together because they are similar, either by their nature or by their use in the operations of a company." } } }, "auth_ref": ["r359", "r361", "r362", "r363", "r365", "r366", "r370", "r371", "r871"] }, "us-gaap_FiniteLivedIntangibleAssetsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsNet", "crdr": "debit", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amortizable intangible assets, Net book value", "label": "Finite-Lived Intangible Assets, Net", "documentation": "Amount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life." } } }, "auth_ref": ["r692", "r1122"] }, "us-gaap_FiniteLivedIntangibleAssetsPeriodIncreaseDecrease": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FiniteLivedIntangibleAssetsPeriodIncreaseDecrease", "presentation": [
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Finite-Lived Intangible Assets, Period Increase (Decrease)", "label": "Finite-Lived Intangible Assets, Period Increase (Decrease)", "documentation": "Amount of increase (decrease) in carrying value of assets, excluding financial assets and goodwill, lacking physical substance with a finite life." } } }, "auth_ref": [] }, "us-gaap_FinitelivedIntangibleAssetsAcquired1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinitelivedIntangibleAssetsAcquired1", "crdr": "debit", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finite-lived Intangible Assets Acquired", "label": "Finite-Lived Intangible Assets Acquired", "documentation": "Amount of increase in assets, excluding financial assets, lacking physical substance with a definite life, from an acquisition." } } }, "auth_ref": ["r361"] }, "us-gaap_ForeignCurrencyContractAssetFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignCurrencyContractAssetFairValueDisclosure", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": "us-gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Derivative instruments (foreign exchange contracts)", "label": "Foreign Currency Contract, Asset, Fair Value Disclosure", "documentation": "Fair value portion of asset contracts related to the exchange of different currencies, including, but not limited to, foreign currency options, forward contracts, and swaps." } } }, "auth_ref": ["r637", "r638"] }, "us-gaap_ForeignCurrencyContractsLiabilityFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignCurrencyContractsLiabilityFairValueDisclosure", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": "us-gaap_LiabilitiesFairValueDisclosure", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative instruments (foreign exchange contracts)", "label": "Foreign Currency Contracts, Liability, Fair Value Disclosure", "documentation": "Fair value portion of liability contracts related to the exchange of different currencies, including, but not limited to, foreign currency options, forward (delivery or nondelivery) contracts, and swaps entered into." } } }, "auth_ref": ["r637", "r638"] }, "us-gaap_ForeignExchangeContractMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignExchangeContractMember", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Foreign Exchange Contracts", "label": "Foreign Exchange Contract [Member]", "documentation": "Derivative instrument whose primary underlying risk is tied to foreign exchange rates." } } }, "auth_ref": ["r881", "r911", "r925", "r926"] }, "us-gaap_ForeignExchangeForwardMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignExchangeForwardMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails",
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails"], "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": ["r802", "r806", "r811", "r824", "r830", "r846", "r847", "r852", "r952"] }, "us-gaap_ForeignPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignPlanMember", "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails",
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Foreign Plan", "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": ["r1151", "r1152", "r1153"] }, "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": { "terseLabel":

```
"Forgone Recovery due to Disqualification of Tax Benefits, Amount", "label": "Forgone Recovery due to Disqualification of Tax Benefits, Amount" } } }, "auth_ref": [ "r975", "r985", "r995", "r1027" ] }, "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": { "terseLabel": "Forgone Recovery due to Expense of Enforcement, Amount", "label": "Forgone Recovery due to Expense of Enforcement, Amount" } } }, "auth_ref": [ "r975", "r985", "r995", "r1027" ] }, "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": { "terseLabel": "Forgone Recovery due to Violation of Home Country Law, Amount", "label": "Forgone Recovery due to Violation of Home Country Law, Amount" } } }, "auth_ref": [ "r975", "r985", "r995", "r1027" ] }, "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": { "terseLabel": "Forgone Recovery, Explanation of Impracticability", "label": "Forgone Recovery, Explanation of Impracticability [Text Block]" } } }, "auth_ref": [ "r975", "r985", "r995", "r1027" ] }, "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": { "terseLabel": "Name", "label": "Forgone Recovery, Individual Name" } } }, "auth_ref": [ "r975", "r985", "r995", "r1027" ] }, "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": { "terseLabel": "Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year", "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]" } } }, "auth_ref": [ "r1008" ] }, "us-gaap_GainLossOnContractTermination": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnContractTermination", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DERIVATIVESTerminationIRSDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Gain (Loss) on Contract Termination", "label": "Gain (Loss) on Contract Termination", "documentation": "Gain (loss) related to the termination of a contract between the parties. The termination may be due to many causes including early termination of a lease by a lessee, a breach of contract by one party, or a failure to perform." } } }, "auth_ref": [ "r139" ] }, "us-gaap_Goodwill": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Goodwill", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 4.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Goodwill", "periodStartLabel": "Goodwill at October 31, 2023", "periodEndLabel": "Goodwill at July 31, 2024", "label": "Goodwill", "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": [ "r225", "r346", "r725", "r891", "r895", "r927", "r933", "r1105", "r1112" ] }, "us-gaap_GoodwillAcquiredDuringPeriod": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillAcquiredDuringPeriod", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails", "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Goodwill", "label": "Goodwill, Acquired During Period", "documentation": "Amount of increase in asset representing future economic benefits arising from other assets acquired in a business combination that are not individually identified and separately recognized resulting from a business combination." } } }, "auth_ref": [ "r350", "r895" ] }, "us-gaap_GoodwillAndIntangibleAssetsDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillAndIntangibleAssetsDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Goodwill and Intangible Assets Disclosure [Abstract]", "label": "Goodwill and Intangible Assets Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_GoodwillAndIntangibleAssetsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillAndIntangibleAssetsDisclosureTextBlock", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETS" ], "lang": { "en-us": { "role": { "terseLabel": "GOODWILL AND OTHER INTANGIBLE ASSETS", "label": "Goodwill and Intangible Assets Disclosure [Text Block]", "documentation": "The entire disclosure for goodwill and intangible assets." } } }, "auth_ref": [ "r1103", "r1115" ] }, "us-gaap_GoodwillForeignCurrencyTranslationGainLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillForeignCurrencyTranslationGainLoss", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Foreign currency translation impact", "label": "Goodwill, Foreign Currency Translation Gain (Loss)", "documentation": "Amount of foreign currency translation gain (loss) which increases (decreases) asset representing future economic benefit from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized." } } }, "auth_ref": [ "r354" ] }, "us-gaap_GoodwillImpairedAccumulatedImpairmentLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillImpairedAccumulatedImpairmentLoss", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSIMPAIRMENTDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Goodwill, Impaired, Accumulated Impairment Loss", "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": [ "r349", "r356", "r895" ] }, "us-gaap_GoodwillImpairmentLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillImpairmentLoss", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSIMPAIRMENTDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Goodwill, Impairment Loss", "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": [ "r14", "r347", "r353", "r358", "r895", "r927" ] }, "us-gaap_GoodwillLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillLineItems", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Goodwill [Line Items]", "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": [ "r348", "r349", "r350", "r351", "r352", "r353", "r354", "r355", "r356", "r357", "r358", "r895" ] }, "us-gaap_GoodwillOtherIncreaseDecrease": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillOtherIncreaseDecrease", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Goodwill, Other Increase (Decrease)", "label": "Goodwill, Other Increase (Decrease)", "documentation": "Amount of increase (decrease) of asset representing future economic benefit from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized, classified as other." } } }, "auth_ref": [ "r355" ] }, "us-gaap_GoodwillPurchaseAccountingAdjustments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillPurchaseAccountingAdjustments", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSAllocationofPurchasePriceDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Goodwill, Measurement Period Adjustment", "label": "Goodwill, Measurement Period Adjustment", "documentation": "Amount of increase (decrease) from measurement period adjustment 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": [ "r0", "r1111" ] }, "us-gaap_GoodwillRollForward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillRollForward", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Goodwill [Roll Forward]", "label": "Goodwill [Roll Forward]", "documentation": "A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period." } } }, "auth_ref": [] }, "us-gaap_GuaranteesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GuaranteesAbstract", "presentation": [ "http://www.keysight.com/role/WARRANTIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Guarantees [Abstract]", "label": "Guarantees [Abstract]" } } }, "auth_ref": [] }, "us-gaap_GuaranteesAndProductWarrantiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GuaranteesAndProductWarrantiesAbstract", "lang": { "en-us": { "role": { "terseLabel": "Guarantees and Product Warranties [Abstract]", "label": "Guarantees and Product Warranties [Abstract]" } } }, "auth_ref": [] }, "us-gaap_HedgingDesignationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "HedgingDesignationAxis", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails", "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails", "http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Hedging Designation [Axis]", "label": "Hedging Designation [Axis]", "documentation": "Information by designation of purpose of derivative instrument." } } }, "auth_ref": [ "r20", "r623" ] }, "us-gaap_HedgingDesignationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "HedgingDesignationDomain", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails", "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails", "http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Hedging Designation [Domain]", "label": "Hedging Designation [Domain]", "documentation": "Designation of purpose of derivative instrument." } } }, "auth_ref": [ "r20" ] }, "us-gaap_HedgingRelationshipDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "HedgingRelationshipDomain", "presentation": [ "http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails", "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails", "http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Hedging Relationship [Domain]", "label": "Hedging Relationship [Domain]", "documentation": "Nature or intent of a hedge." } } }, "auth_ref": [ "r20" ] }, "us-gaap_InProcessResearchAndDevelopmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InProcessResearchAndDevelopmentMember", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "In Process Research and Development", "label": "In Process Research and Development [Member]", "documentation": "In-process investigation of new knowledge useful in developing new product or service or new process or technique or improvement to existing product or process, and translation of knowledge into plan or design for new product or process or for improvement to existing product or process." } } }, "auth_ref": [ "r1116", "r1117", "r1118", "r1119", "r1120", "r1121", "r1122", "r1124", "r1125", "r1126" ] }, "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_NetIncomeLoss", "weight": 1.0, "order": 1.0 }, "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/INCOMETAXESDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Income before taxes", "terseLabel": "Income before 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": [ "r127", "r171", "r175", "r729", "r739", "r885", "r890", "r1093", "r1095", "r1096", "r1097", "r1098" ] }, "us-gaap_IncomeStatementAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
```

```
"IncomeStatementAbstract", "lang": { "en-us": { "role": { "terseLabel": "Income Statement [Abstract]", "label": "Income Statement [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncomeStatementLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeStatementLocationAxis", "presentation": [
"http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails",
"http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails",
"http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Income Statement Location [Axis]", "label": "Statement of Income Location, Balance [Axis]", "documentation": "Information by location in statement of income where disaggregated amount has been reported." } } }, "auth_ref": [ "r374", "r381", "r382", "r642", "r644", "r649", "r767", "r768", "r819", "r871", "r928", "r1194" ] }, "us-gaap_IncomeStatementLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeStatementLocationDomain", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails",
"http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails",
"http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Income Statement Location [Domain]", "label": "Statement of Income Location, Balance [Domain]", "documentation": "Location in statement of income where disaggregated amount has been reported." } } }, "auth_ref": [ "r381", "r382", "r642", "r644", "r649", "r767", "r768", "r819", "r871", "r928", "r1194" ] }, "us-gaap_IncomeTaxAuthorityAxis": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityAxis", "presentation": [
"http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Authority [Axis]",
"label": "Income Tax Jurisdiction [Axis]", "documentation": "Information by income tax jurisdiction." } } }, "auth_ref": [ "r261", "r586", "r587", "r591", "r595", "r922", "r1157" ]
}, "us-gaap_IncomeTaxAuthorityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityDomain", "presentation": [
"http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Authority [Domain]",
"label": "Income Tax Jurisdiction [Domain]", "documentation": "Income tax jurisdiction." } } }, "auth_ref": [ "r261", "r586", "r587", "r591", "r595", "r922", "r1157" ] }, "us-gaap_IncomeTaxAuthorityNameAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityNameAxis", "presentation": [
"http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails",
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Authority, Name [Axis]", "label": "Income Tax Authority, Name [Axis]", "documentation": "Information by name of taxing authority." } } }, "auth_ref": [ "r591", "r1157" ] }, "us-gaap_IncomeTaxAuthorityNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityNameDomain",
"presentation": [ "http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails",
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Authority, Name [Domain]", "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": [ "r591", "r1157" ] }, "us-gaap_IncomeTaxDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxDisclosureAbstract", "lang": { "en-us": {
"role": { "terseLabel": "Income Tax Disclosure [Abstract]", "label": "Income Tax Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncomeTaxDisclosureTextBlock": {
"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxDisclosureTextBlock", "presentation": [
"http://www.keysight.com/role/INCOMETAXES" ], "lang": { "en-us": { "role": { "terseLabel": "INCOME TAXES", "label": "Income Tax Disclosure [Text Block]",
"documentation": "The entire disclosure for income tax." } } }, "auth_ref": [ "r267", "r582", "r586", "r588", "r589", "r590", "r592", "r593", "r598", "r600", "r601", "r602",
"r777", "r922" ] }, "us-gaap_IncomeTaxExaminationDescription": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncomeTaxExaminationDescription", "presentation": [ "http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Income Tax Examination, Description", "label": "Income Tax Examination, Description", "documentation": "A brief description of status of the tax examination, significant findings to date, and the entity's position with respect to the findings." } } }, "auth_ref": [ "r1155" ] }, "us-gaap_IncomeTaxExaminationLineItems": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxExaminationLineItems", "presentation": [
"http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Examination [Line Items]", "label": "Income Tax Examination [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": [ "r591" ] }, "us-gaap_IncomeTaxExaminationTable": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxExaminationTable", "presentation": [
"http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Examination [Table]",
"label": "Income Tax, Examination [Table]", "documentation": "Disclosure of information about income tax examination currently in progress or completed during current period by tax authority. Includes, but is not limited to, description of examination, jurisdiction conducting examination, tax year under examination, likelihood of unfavorable settlement, range of possible loss, liability recorded, increase (decrease) of liability from prior period, and penalty and interest incurred or accrued." } } }, "auth_ref": [
"r1155" ] }, "us-gaap_IncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxExpenseBenefit", "crdr":
"debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_NetIncomeLoss",
"weight": -1.0, "order": 2.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited",
"http://www.keysight.com/role/INCOMETAXESDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Provision (benefit) 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":
[ "r177", "r183", "r281", "r282", "r298", "r312", "r326", "r585", "r586", "r599", "r748", "r922" ] }, "us-gaap_IncomeTaxHolidayAggregateDollarAmount": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxHolidayAggregateDollarAmount", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/INCOMETAXESDetails", "http://www.keysight.com/role/INCOMETAXESINCOMETAXESTaxincentivesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Decrease in income tax provision due to tax incentives, Aggregate Dollar Amount", "label": "Income Tax Holiday, Aggregate Dollar Amount", "documentation":
"The amount of income taxes from which a reporting entity is exempt or for which it will receive a reduction in income taxes as a result of the income tax holiday granted by the taxing jurisdiction." } } }, "auth_ref": [ "r600" ] }, "us-gaap_IncomeTaxHolidayDescription": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "IncomeTaxHolidayDescription", "presentation": [ "http://www.keysight.com/role/INCOMETAXESINCOMETAXESTaxincentivesDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Tax incentives, Description", "label": "Income Tax Holiday, Description", "documentation": "A description of the factual circumstances giving rise to an income tax exemption or special reduction received from a taxing jurisdiction." } } }, "auth_ref": [] }, "us-gaap_IncomeTaxHolidayIncomeTaxBenefitsPerShare": { "xbrltype":
"perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxHolidayIncomeTaxBenefitsPerShare", "presentation": [
"http://www.keysight.com/role/INCOMETAXESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Decrease in income tax provision due to tax incentives, Income Tax Benefits Per Share", "label": "Income Tax Holiday, Income Tax Benefits Per Share", "documentation": "Per share amount effect of the income tax benefit resulting from the income tax holidays granted by taxing jurisdictions." } } }, "auth_ref": [ "r600" ] }, "us-gaap_IncomeTaxHolidayTerminationDate": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "IncomeTaxHolidayTerminationDate", "presentation": [
"http://www.keysight.com/role/INCOMETAXESINCOMETAXESTaxincentivesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Tax incentives, Termination Date", "label":
"Income Tax Holiday, Termination Date", "documentation": "The date on which the special tax status will terminate." } } }, "auth_ref": [ "r600" ] }, "us-gaap_IncomeTaxesPaidNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxesPaidNet", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Income tax paid, net",
"label": "Income Taxes Paid, Net", "documentation": "Amount, after refund, of cash paid to foreign, federal, state, and local jurisdictions as income tax." } } }, "auth_ref": [
"r36", "r261", "r594", "r595" ] }, "us-gaap_IncreaseDecreaseInAccountsPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncreaseDecreaseInAccountsPayable", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited":
{ "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 11.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Accounts payable", "label":
"Increase (Decrease) in Accounts Payable", "documentation": "The increase (decrease) during the reporting period in the aggregate amount 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." } } }, "auth_ref": [ "r13" ] }, "us-gaap_IncreaseDecreaseInAccountsReceivable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncreaseDecreaseInAccountsReceivable", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 9.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "negatedLabel": "Accounts receivable",
"label": "Increase (Decrease) in Accounts Receivable", "documentation": "The increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services." } } }, "auth_ref": [ "r13" ] }, "us-gaap_IncreaseDecreaseInAccruedIncomeTaxesPayable": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccruedIncomeTaxesPayable", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 14.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Income taxes payable",
"label": "Increase (Decrease) in Income Taxes Payable", "documentation": "The increase (decrease) during the period in the amount due for taxes based on the reporting entity's earnings or attributable to the entity's income earning process (business presence) within a given jurisdiction." } } }, "auth_ref": [ "r13" ] }, "us-gaap_IncreaseDecreaseInAccruedSalaries": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccruedSalaries",
"crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 12.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Employee compensation and benefits", "label": "Increase (Decrease) in Accrued Salaries", "documentation": "The increase (decrease) during the period in accrued salaries." } } }, "auth_ref": [ "r13" ]
}, "us-gaap_IncreaseDecreaseInContractWithCustomerLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IncreaseDecreaseInContractWithCustomerLiability", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Deferral of revenue billed in current period, net of recognition", "label": "Increase (Decrease) in Contract with Customer, Liability", "documentation": "Amount of increase (decrease) in obligation to transfer good or service to customer for which consideration has been received or is receivable." } } }, "auth_ref": [ "r690", "r1082" ] }, "us-gaap_IncreaseDecreaseInDeferredRevenue": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInDeferredRevenue", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 13.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Deferred revenue",
"label": "Increase (Decrease) in Deferred Revenue", "documentation": "Amount of increase (decrease) in deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable." } } }, "auth_ref": [ "r872" ] }, "us-gaap_IncreaseDecreaseInIncomeTaxesReceivable": { "xbrltype":
```

```
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInIncomeTaxesReceivable", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-
gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 19.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Long-term tax
receivable", "label": "Increase (Decrease) in Income Taxes Receivable", "documentation": "The increase (decrease) during the reporting period in income taxes receivable,
which represents the amount due from tax authorities for refunds of overpayments or recoveries of income taxes paid." } } } }, "auth_ref": [ "r13" ] }, "us-
gaap_IncreaseDecreaseInInventories": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInInventories", "crdr":
"credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-
gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 10.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "negatedLabel": "Inventory", "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": [ "r13" ] }, "us-gaap_IncreaseDecreaseInOperatingCapitalAbstract": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInOperatingCapitalAbstract", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Changes in assets and
liabilities:", "label": "Increase (Decrease) in Operating Capital [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInOtherOperatingCapitalNet": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInOtherOperatingCapitalNet", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-
gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 17.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "negatedLabel": "Other assets and
liabilities", "label": "Increase (Decrease) in Other Operating Assets and Liabilities, Net", "documentation": "Amount of increase (decrease) in operating assets after deduction of
operating liabilities classified as other." } } }, "auth_ref": [ "r13" ] }, "us-gaap_IncreaseDecreaseInPensionAndPostretirementObligations": { "xbrltype": "monetaryItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInPensionAndPostretirementObligations", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-
gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 15.0 } }, "lang": { "en-us": { "role": { "documentation": "Amount of increase (decrease) in
obligation for pension and other postretirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": [ "r13" ] }, "us-
gaap_IncreaseDecreaseInPrepaidExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInPrepaidExpense",
"crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-
gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 16.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Prepaid assets",
"label": "Increase (Decrease) in Prepaid Expense", "documentation": "The increase (decrease) during the reporting period in the amount of outstanding money paid in advance
for goods or services that bring economic benefits for future periods." } } }, "auth_ref": [ "r13" ] }, "us-gaap_IncreaseDecreaseInStockholdersEquityRollForward": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInStockholdersEquityRollForward", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "Increase (Decrease) in
Stockholders' Equity [Roll Forward]", "label": "Increase (Decrease) in Stockholders' Equity [Roll Forward]", "documentation": "A roll forward is a reconciliation of a concept
from the beginning of a period to the end of a period." } } }, "auth_ref": [] }, "us-gaap_IncrementalCommonSharesAttributableToShareBasedPaymentArrangements": {
"xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncrementalCommonSharesAttributableToShareBasedPaymentArrangements",
"calculation": { "http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHARECOmputationDetails": { "parentTag": "us-
gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHARECOmputationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Potential common shares",
"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": [ "r287", "r288", "r289",
"r293", "r545" ] }, "us-gaap_IndefiniteLivedIntangibleAssetsByMajorClassAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IndefiniteLivedIntangibleAssetsByMajorClassAxis", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Indefinite-Lived Intangible Assets [Axis]", "label": "Indefinite-Lived Intangible Assets [Axis]", "documentation": "Information by type or class of assets, excluding
financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit." } } }, "auth_ref": [ "r359", "r364", "r369", "r896" ] }, "us-
gaap_IndefiniteLivedIntangibleAssetsExcludingGoodwill": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IndefiniteLivedIntangibleAssetsExcludingGoodwill", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "In-process\u00a0research\u00a0and\u00a0development", "label": "Indefinite-Lived Intangible Assets (Excluding Goodwill)", "documentation": "Amount of assets,
excluding financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit." } } }, "auth_ref": [ "r345", "r369", "r896" ] }, "us-
gaap_IndefiniteLivedIntangibleAssetsMajorClassNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"IndefiniteLivedIntangibleAssetsMajorClassNameDomain", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails",
"http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Indefinite-Lived Intangible Assets, Major Class Name [Domain]", "label": "Indefinite-Lived Intangible Assets, Major Class Name [Domain]", "documentation":
"The major class of indefinite-lived intangible asset (for example, trade names, etc. but not all-inclusive), excluding goodwill. A major class is composed of intangible assets that
can be grouped together because they are similar, either by their nature or by their use in the operations of the company." } } }, "auth_ref": [ "r359", "r364", "r369", "r896" ] },
"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": { "terseLabel": "Individual:", "label": "Individual [Axis]" } } }, "auth_ref": [ "r975", "r985", "r995",
"r1019", "r1027", "r1031", "r1039" ] }, "ecd_InsiderTradingArrLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"InsiderTradingArrLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading Arrangements [Line Items]" } } }, "auth_ref": [ "r1037" ] },
"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]" } } }, "auth_ref": [ "r967", "r1043" ] }, "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": { "terseLabel": "Insider Trading Policies and Procedures Adopted", "label": "Insider
Trading Policies and Procedures Adopted [Flag]" } } }, "auth_ref": [ "r967", "r1043" ] }, "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": { "terseLabel": "Insider Trading Policies and Procedures Not Adopted", "label": "Insider Trading Policies and Procedures Not Adopted [Text Block]"
} } }, "auth_ref": [ "r967", "r1043" ] }, "us-gaap_IntangibleAssetsGrossExcludingGoodwill": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "IntangibleAssetsGrossExcludingGoodwill", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Total\u00a0intangible\u00a0assets", "label": "Intangible Assets, Gross (Excluding Goodwill)", "documentation": "Amount before
accumulated amortization of intangible assets, excluding goodwill." } } }, "auth_ref": [ "r225" ] }, "us-gaap_IntangibleAssetsNetExcludingGoodwill": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IntangibleAssetsNetExcludingGoodwill", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Other intangible assets, net",
"label": "Intangible Assets, Net (Excluding Goodwill)", "documentation": "Sum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date,
net of accumulated amortization and impairment charges." } } }, "auth_ref": [ "r359", "r1122", "r1124" ] }, "us-gaap_InterestExpenseNonoperating": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpenseNonoperating", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFOPERATIONSUnaudited": { "parentTag": "us-
gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": -1.0, "order": 1.0 },
"http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails": { "parentTag": "us-
gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": -1.0, "order": 2.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFOPERATIONSUnaudited",
"http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "negatedLabel": "Interest expense",
"terseLabel": "Interest Expense", "label": "Interest Expense, Nonoperating", "documentation": "Amount of interest expense classified as nonoperating." } } }, "auth_ref": [
"r308", "r1078" ] }, "us-gaap_InterestPaidNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestPaidNet", "crdr": "credit",
"presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Interest
payments", "label": "Interest Paid, Excluding Capitalized Interest, Operating Activities", "documentation": "Amount of cash paid for interest, excluding capitalized interest,
classified as operating activity. Includes, but is not limited to, payment to settle zero coupon bond for accreted interest of debt discount and debt instrument with insignificant
coupon interest rate in relation to effective interest rate of borrowing attributable to accreted interest of debt discount." } } }, "auth_ref": [ "r256", "r259", "r260" ] }, "us-
gaap_InterestRateDerivativeAssetsAtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"InterestRateDerivativeAssetsAtFairValue", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": "us-
gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 5.0 } }, "lang": { "en-us": { "role": { "documentation": "Fair value as of the balance sheet date of interest rate
derivative assets, which includes all such derivative instruments in hedging and nonhedging relationships that are recognized as assets." } } }, "auth_ref": [] },
"keys_InterestRateSwapAgreementTerminationProceeds": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname":
"InterestRateSwapAgreementTerminationProceeds", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-
gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 18.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited",
"http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest rate swap agreement termination
proceeds", "label": "Interest rate swap agreement termination proceeds", "documentation": "Interest rate swap agreement termination proceeds" } } }, "auth_ref": [] }, "us-
gaap_InterestRateSwapMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestRateSwapMember", "presentation": [
"http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest
Rate Swap [Member]", "label": "Interest Rate Swap [Member]", "documentation": "Forward based contracts in which two parties agree to swap periodic payments that are
fixed at the outset of the swap contract with variable payments based on a market interest rate (index rate) over a specified period." } } }, "auth_ref": [ "r873", "r957", "r958" ]
}, "us-gaap_InventoryFinishedGoodsNetOfReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
```

```
"InventoryFinishedGoodsNetOfReserves", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/INVENTORYDetails" ], "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": [ "r144", "r880" ] }, "us-gaap_InventoryNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryNet", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/INVENTORYDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Inventory", "terseLabel": "Inventory, Net", "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": [ "r233", "r877", "r933" ] }, "us-gaap_InventoryNetAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryNetAbstract", "lang": { "en-us": { "role": { "terseLabel": "Inventory, Net [Abstract]", "label": "Inventory, Net [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InventoryWorkInProcessAndRawMaterialsNetOfReserves": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryWorkInProcessAndRawMaterialsNetOfReserves", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/INVENTORYDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Purchased parts and fabricated assemblies", "label": "Inventory, Work in Process and Raw Materials, Net of Reserves", "documentation": "The aggregate carrying amount, net of valuation reserves and adjustments, as of the balance sheet date of items which are partially completed at the time of measurement and unprocessed items that will go through the production process and become part of the final product. This element may be used when the reporting entity combines work in process and raw materials into an aggregate amount." } } }, "auth_ref": [ "r144", "r1071" ] }, "us-gaap_InventoryWriteDown": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryWriteDown", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Excess and obsolete inventory related charges", "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": [ "r340" ] }, "us-gaap_InvestmentIncomeInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentIncomeInterest", "crdr": "credit", "calculation": { "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 3.0 }, "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 4.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest income", "label": "Investment Income, Interest", "documentation": "Amount before accretion (amortization) of purchase discount (premium) of interest income on nonoperating securities." } } }, "auth_ref": [ "r298", "r307", "r326", "r890", "r1077" ] }, "keys_JeffreyKLiMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "JeffreyKLiMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "label": "Jeffrey K Li [Member]", "documentation": "Jeffrey K Li" } } }, "auth_ref": [] }, "keys_JohnPageMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "JohnPageMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "label": "John Page [Member]", "documentation": "John Page" } } }, "auth_ref": [] }, "us-gaap_LeaseCostTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseCostTableTextBlock", "presentation": [ "http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONTables" ], "lang": { "en-us": { "role": { "terseLabel": "Lease, Cost [Table Text Block]", "label": "Lease, Cost [Table Text Block]", "documentation": "Tabular disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income." } } }, "auth_ref": [ "r1186" ] }, "us-gaap_LeasesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeasesAbstract", "lang": { "en-us": { "role": { "terseLabel": "Leases [Abstract]", "label": "Leases [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LettersOfCreditOutstandingAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LettersOfCreditOutstandingAmount", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTletterofcreditsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Letters of Credit Outstanding, Amount", "label": "Letters of Credit Outstanding, Amount", "documentation": "The total amount of the contingent obligation under letters of credit outstanding as of the reporting date." } } }, "auth_ref": [] }, "us-gaap_Liabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Liabilities", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "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", "r103", "r104", "r105", "r108", "r109", "r110", "r111", "r265", "r337", "r395", "r396", "r398", "r399", "r400", "r401", "r402", "r404", "r405", "r616", "r620", "r621", "r658", "r794", "r884", "r962", "r1143", "r1187", "r1188" ] }, "us-gaap_LiabilitiesAndStockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquity", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "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": [ "r118", "r168", "r737", "r933", "r1085", "r1102", "r1180" ] }, "us-gaap_LiabilitiesAndStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquityAbstract", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Liabilities and Equity [Abstract]", "label": "Liabilities and Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "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": [ "r105", "r222", "r265", "r337", "r395", "r396", "r398", "r399", "r400", "r401", "r402", "r404", "r405", "r616", "r620", "r621", "r658", "r933", "r1143", "r1187", "r1188" ] }, "us-gaap_LiabilitiesCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrentAbstract", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Current liabilities:", "terseLabel": "Liabilities, Short term [Abstract]", "label": "Liabilities, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesFairValueDisclosure", "crdr": "credit", "calculation": { "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities measured at fair value", "label": "Liabilities, Fair Value Disclosure", "documentation": "Fair value of financial and nonfinancial obligations." } } }, "auth_ref": [ "r638", "r1166" ] }, "us-gaap_LiabilitiesNoncurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesNoncurrentAbstract", "presentation": [ "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Liabilities Long-term [Abstract]", "label": "Liabilities, Noncurrent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LineOfCreditFacilityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityAbstract", "lang": { "en-us": { "role": { "terseLabel": "Line of Credit Facility [Abstract]", "label": "Line of Credit Facility [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LineOfCreditFacilityAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityAxis", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Lender Name [Axis]", "label": "Lender Name [Axis]", "documentation": "Information by name of lender, which may be a single entity (for example, but not limited to, a bank, pension fund, venture capital firm) or a group of entities that participate in the line of credit." } } }, "auth_ref": [ "r102", "r107", "r1084", "r1141", "r1142" ] }, "us-gaap_LineOfCreditFacilityCovenantCompliance": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityCovenantCompliance", "presentation": [ "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Facility, Covenant Compliance", "label": "Line of Credit Facility, Covenant Compliance", "documentation": "Identification of whether the entity has been in compliance with any credit facility debt covenants during the period." } } }, "auth_ref": [ "r1067", "r1069" ] }, "us-gaap_LineOfCreditFacilityDescription": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityDescription", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Facility, Description", "label": "Line of Credit Facility, Description", "documentation": "Description of the terms of a credit facility arrangement. Terms typically include interest rate, collateral required, guarantees required, repayment requirements, and restrictions on use of assets and activities of the entity." } } }, "auth_ref": [ "r102", "r107", "r394" ] }, "us-gaap_LineOfCreditFacilityExpirationDate1": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityExpirationDate1", "presentation": [ "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Facility, Expiration Date", "label": "Line of Credit Facility, Expiration Date", "documentation": "Date the credit facility terminates, in YYYY-MM-DD format." } } }, "auth_ref": [ "r102", "r107" ] }, "us-gaap_LineOfCreditFacilityExpirationPeriod": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityExpirationPeriod", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Line of Credit Facility, Expiration Period", "label": "Line of Credit Facility, Expiration Period", "documentation": "Period remaining on line of credit facility before it terminates, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": [] }, "us-gaap_LineOfCreditFacilityFairValueOfAmountOutstanding": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityFairValueOfAmountOutstanding", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Facility, Outstanding", "label": "Line of Credit Facility, Fair Value of Amount Outstanding", "documentation": "Fair value of the amount outstanding under the credit facility." } } }, "auth_ref": [ "r657" ] }, "us-gaap_LineOfCreditFacilityInitiationDate1": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityInitiationDate1", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Facility, Initiation Date", "label": "Line of Credit Facility, Initiation Date", "documentation": "Date the credit facility first became available, in YYYY-MM-DD format." } } }, "auth_ref": [ "r102", "r107" ] }, "us-gaap_LineOfCreditFacilityLenderDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityLenderDomain", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Line of Credit Facility, Lender [Domain]", "label": "Line of Credit Facility, Lender [Domain]", "documentation": "Identification of the lender, which may be a single entity (for example, a bank, pension fund, venture capital firm) or a group of entities that participate in the line of credit, including a letter of credit facility." } } }, "auth_ref": [ "r102", "r107", "r1084", "r1141" ] }, "us-gaap_LineOfCreditFacilityLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityLineItems", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Line of Credit Facility", "label": "Line of Credit Facility [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": [ "r394", "r1084",
```

```
"r1141" ] }, "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityMaximumBorrowingCapacity", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails", "http://www.keysight.com/role/DEBTletterofcreditsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Facility, Maximum Borrowing Capacity", "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": [ "r102", "r107" ] }, "keys_LineOfCreditFacilityOriginalBorrowingCapacity": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "LineOfCreditFacilityOriginalBorrowingCapacity", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "LineOfCreditFacilityOriginalBorrowingCapacity", "label": "Line Of Credit Facility, Original Borrowing Capacity", "documentation": "Line Of Credit Facility Original Borrowing Capacity" } } }, "auth_ref": [] }, "us-gaap_LineOfCreditFacilityTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityTable", "presentation": [ "http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Line of Credit Facility [Table]", "label": "Line of Credit Facility [Table]", "documentation": "Disclosure of information about short-term and long-term contractual arrangements with lender under which borrowing can occur up to maximum amount. Includes, but is not limited to, letter of credit, standby letter of credit, and revolving credit arrangement." } } }, "auth_ref": [ "r102", "r107", "r394", "r1084", "r1141" ] }, "us-gaap_LoansInsuredOrGuaranteedByNonUsGovernmentAuthoritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LoansInsuredOrGuaranteedByNonUsGovernmentAuthoritiesMember", "presentation": [ "http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "State guaranteed loans", "label": "Loans Insured or Guaranteed by non-US Government Authorities [Member]", "documentation": "Guarantee by non-US government authority for government insured loans." } } }, "auth_ref": [] }, "us-gaap_LoansInsuredOrGuaranteedByUsGovernmentAuthoritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LoansInsuredOrGuaranteedByUsGovernmentAuthoritiesMember", "presentation": [ "http://www.keysight.com/role/DEBTESIassumedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Loans Insured or Guaranteed by US Government Authorities", "label": "Loans Insured or Guaranteed by US Government Authorities [Member]", "documentation": "Guarantee by US government authority for government insured loans." } } }, "auth_ref": [] }, "us-gaap_LoansMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LoansMember", "presentation": [ "http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Syndicated loan", "label": "Loans [Member]", "documentation": "When a lender gives money or property over other debt securities sold by the issuer. In the event the issuer goes bankrupt, senior debt holders receive priority for [must receive] repayment [prior] relative to junior and unsecured (general) creditors." } } }, "auth_ref": [ "r882", "r934" ] }, "us-gaap_LoansPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LoansPayable", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Loans Payable", "label": "Loans Payable", "documentation": "Including the current and noncurrent portions, aggregate carrying value as of the balance sheet date of loans payable (with maturities initially due after one year or beyond the operating cycle if longer)." } } }, "auth_ref": [ "r27", "r166", "r1190" ] }, "us-gaap_LoansPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LoansPayableCurrent", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTESIassumedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Loans Payable, Current", "label": "Loans Payable, Current", "documentation": "Carrying value as of the balance sheet date of portion of long-term loans payable due within one year or the operating cycle if longer." } } }, "auth_ref": [ "r104" ] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "lang": { "en-us": { "role": { "terseLabel": "Local Phone Number", "label": "Local Phone Number", "documentation": "Local phone number for entity." } } }, "auth_ref": [] }, "us-gaap_LongMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongMember", "presentation": [ "http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Buy", "label": "Long [Member]", "documentation": "Indicates an ownership position in, or purchase of, a security." } } }, "auth_ref": [] }, "us-gaap_LongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebt", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Debt, Long-Term and Short-Term, Combined Amount", "label": "Long-Term Debt", "documentation": "Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation." } } }, "auth_ref": [ "r27", "r166", "r419", "r434", "r899", "r900", "r931", "r1190" ] }, "us-gaap_LongTermDebtCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtCurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Current portion of long-term debt", "label": "Long-Term Debt, Current Maturities", "documentation": "Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as current. Excludes lease obligation." } } }, "auth_ref": [ "r230" ] }, "us-gaap_LongTermDebtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtFairValue", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/DEBTFAIRVALUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Long-Term Debt, Fair Value", "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": [ "r1166", "r1168", "r1169", "r1170" ] }, "us-gaap_LongTermDebtNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtNoncurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Long-term debt", "terseLabel": "Long-term Debt, Excluding Current Maturities", "label": "Long-Term Debt, Excluding Current Maturities", "documentation": "Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as noncurrent. Excludes lease obligation." } } }, "auth_ref": [ "r231" ] }, "us-gaap_LongTermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermInvestments", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Long-term investments", "terseLabel": "Long-term Investments", "label": "Long-Term Investments", "documentation": "The total amount of investments that are intended to be held for an extended period of time (longer than one operating cycle)." } } }, "auth_ref": [ "r224" ] }, "us-gaap_LongtermDebtTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongtermDebtTypeAxis", "presentation": [ "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2024 Senior Notes at 4.55% ($600 face amount less unamortized costs of zero and $1)", "label": "Long-Term Debt, Type [Axis]", "documentation": "Information by type of long-term debt." } } }, "auth_ref": [ "r27", "r1128", "r1129", "r1130" ] }, "us-gaap_LongtermDebtTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongtermDebtTypeDomain", "presentation": [ "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Long-term Debt, Type [Domain]", "label": "Long-Term Debt, Type [Domain]", "documentation": "Type of long-term debt arrangement, such as notes, line of credit, commercial paper, asset-based financing, project financing, letter of credit financing. These are debt arrangements that originally required repayment more than twelve months after issuance or greater than the normal operating cycle of the company, if longer." } } }, "auth_ref": [ "r27", "r51", "r1128", "r1129", "r1130" ] }, "us-gaap_LossContingencyAccrualPayments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingencyAccrualPayments", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingency Accrual, Payments", "label": "Loss Contingency Accrual, Payments", "documentation": "Amount of cash outflow reducing loss contingency liability." } } }, "auth_ref": [ "r1132" ] }, "us-gaap_LossContingencyEstimateOfPossibleLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingencyEstimateOfPossibleLoss", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingency, Estimate of Possible Loss", "label": "Loss Contingency, Estimate of Possible Loss", "documentation": "Reflects the estimated amount of loss from the specified contingency as of the balance sheet date." } } }, "auth_ref": [ "r388", "r389", "r390", "r391", "r580", "r897" ] }, "us-gaap_LossContingencyRangeOfPossibleLossPortionNotAccrued": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingencyRangeOfPossibleLossPortionNotAccrued", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingency, Range of Possible Loss, Portion Not Accrued", "label": "Loss Contingency, Range of Possible Loss, Portion Not Accrued", "documentation": "The difference between the maximum amount of estimated loss and the amount recorded as of the balance sheet date." } } }, "auth_ref": [ "r1133", "r1134" ] }, "keys_MalaysiaTaxAuthorityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "MalaysiaTaxAuthorityMember", "presentation": [ "http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Malaysia Tax Authority [Member]", "label": "Malaysia Tax Authority [Member]", "documentation": "Malaysia Tax Authority [Member]" } } }, "auth_ref": [] }, "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": { "terseLabel": "Measure:", "label": "Measure [Axis]" } } }, "auth_ref": [ "r1011" ] }, "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": { "terseLabel": "Name", "label": "Measure Name" } } }, "auth_ref": [ "r1011" ] }, "us-gaap_MinorityInterestDecreaseFromRedemptions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestDecreaseFromRedemptions", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling Interest, Decrease from Redemptions or Purchase of Interests", "label": "Noncontrolling Interest, Decrease from Redemptions or Purchase of Interests", "documentation": "Decrease in noncontrolling interest (for example, but not limited to, redeeming or purchasing the interests of noncontrolling shareholders, issuance of shares (interests) by the non-wholly owned subsidiary to the parent entity for other than cash, and a buyback of shares (interest) by the non-wholly owned subsidiary from the noncontrolling interests)." } } }, "auth_ref": [ "r77", "r150", "r156" ] }, "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": { "terseLabel": "MNPI Disclosure Timed for Compensation Value", "label": "MNPI Disclosure Timed for Compensation Value [Flag]" } } }, "auth_ref": [ "r1030" ] }, "us-gaap_MoneyMarketFundsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MoneyMarketFundsAtCarryingValue", "crdr": "debit", "calculation": { "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails": { "parentTag": "us-gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 4.0 } }, "presentation": [ "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSFairvalueofassetsandliabilitiesmeasuredonarecurringbasisDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Money market funds", "label": "Money Market Funds, at Carrying Value", "documentation": "Investment in short-term money market instruments (such as commercial paper, banker's acceptances, repurchase agreements, government securities, certificates of deposit, and so forth) which are highly liquid (that is, readily convertible to known amounts of cash) and so near their maturity that they present an insignificant risk of changes in value because of changes in interest rates. Generally, only investments with original maturities of three months or less qualify as cash equivalents by definition. Original maturity means an original maturity to the entity holding the investment. For example, both a three-month US Treasury bill and a three-year Treasury note purchased three months from maturity qualify as cash equivalents. However, a Treasury note purchased three-years ago does not become a cash equivalent when its remaining maturity is three months." } } }, "auth_ref": [] }, "us-gaap_MovementInStandardProductWarrantyAccrualRollForward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MovementInStandardProductWarrantyAccrualRollForward", "presentation": [ "http://www.keysight.com/role/WARRANTIESDetails" ], "lang": { "en-us": { "role": {
```

"terseLabel": "Movement in Standard Product Warranty Accrual [Roll Forward]", "label": "Movement in Standard Product Warranty Accrual [Roll Forward]", "documentation": "A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period." } } }, "auth_ref": [] }, "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": { "terseLabel": "Material Terms of Trading Arrangement", "label": "Material Terms of Trading Arrangement [Text Block]" } } }, "auth_ref": ["r1038"] }, "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": { "terseLabel": "Named Executive Officers, Footnote", "label": "Named Executive Officers, Footnote [Text Block]" } } }, "auth_ref": ["r1012"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Net cash used in 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": ["r258"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Cash flows from 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", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Net cash used in 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": ["r258"] }, "us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Cash flows from 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", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Net cash provided by operating activities", "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": ["r137", "r138", "r139"] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Cash flows from operating activities:", "label": "Net Cash Provided by (Used in) Operating Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": 1.0, "order": 1.0 }, "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 1.0 }, "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHAREComputationDetails", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "totalLabel": "Net income", "terseLabel": "Net income", "verboseLabel": "Net income", "label": "Net Income (Loss) Attributable to Parent", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } }, "auth_ref": ["r130", "r139", "r172", "r220", "r243", "r246", "r250", "r265", "r272", "r274", "r275", "r276", "r277", "r278", "r281", "r282", "r290", "r337", "r395", "r396", "r398", "r399", "r400", "r401", "r402", "r404", "r405", "r606", "r613", "r635", "r658", "r742", "r816", "r832", "r833", "r960", "r1143"] }, "us-gaap_NetIncomeLossAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAttributableToNoncontrollingInterest", "crdr": "debit", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Income (Loss) Attributable to Noncontrolling Interest", "label": "Net Income (Loss) Attributable to Noncontrolling Interest", "documentation": "Amount of Net Income (Loss) attributable to noncontrolling interest." } } }, "auth_ref": ["r79", "r157", "r243", "r246", "r278", "r281", "r282", "r741", "r1076"] }, "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": { "terseLabel": "Non-GAAP Measure Description", "label": "Non-GAAP Measure Description [Text Block]" } } }, "auth_ref": ["r1011"] }, "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": { "terseLabel": "Non-NEOs", "label": "Non-NEOs [Member]" } } }, "auth_ref": ["r975", "r985", "r995", "r1019", "r1027"] }, "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": { "terseLabel": "Non-PEO NEO Average Compensation Actually Paid Amount", "label": "Non-PEO NEO Average Compensation Actually Paid Amount" } } }, "auth_ref": ["r1002"] }, "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": { "terseLabel": "Non-PEO NEO Average Total Compensation Amount", "label": "Non-PEO NEO Average Total Compensation Amount" } } }, "auth_ref": ["r1001"] }, "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": { "terseLabel": "Non-PEO NEO", "label": "Non-PEO NEO [Member]" } } }, "auth_ref": ["r1019"] }, "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": { "terseLabel": "Non-Rule 10b5-1 Arrangement Adopted", "label": "Non-Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": ["r1038"] }, "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": { "terseLabel": "Non-Rule 10b5-1 Arrangement Terminated", "label": "Non-Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": ["r1038"] }, "us-gaap_NoncashOrPartNoncashAcquisitionDebtAssumed1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncashOrPartNoncashAcquisitionDebtAssumed1", "crdr": "credit", "presentation": ["http://www.keysight.com/role/DEBTESIassumedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Noncash or Part Noncash Acquisition, Debt Assumed", "label": "Noncash or Part Noncash Acquisition, Debt Assumed", "documentation": "The amount of debt that an Entity assumes in acquiring a business or in consideration for an asset received in a noncash (or part noncash) acquisition. Noncash is defined as transactions during a period that affect recognized assets or liabilities but that do not result in cash receipts or cash payments in the period. \"Part noncash\" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period." } } }, "auth_ref": ["r37", "r38", "r39"] }, "us-gaap_NoncontrollingInterestIncreaseFromBusinessCombination": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncontrollingInterestIncreaseFromBusinessCombination", "crdr": "credit", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement"], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling Interest, Increase from Business Combination", "label": "Noncontrolling Interest, Increase from Business Combination", "documentation": "Amount of increase in noncontrolling interest from a business combination." } } }, "auth_ref": ["r17", "r54", "r71"] }, "us-gaap_NoncontrollingInterestMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncontrollingInterestMember", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement"], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling Interest", "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": ["r75", "r448", "r1088", "r1089", "r1090", "r1091", "r1225"] }, "us-gaap_NondesignatedMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NondesignatedMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails", "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails", "http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Not Designated as Hedging Instrument", "label": "Not Designated as Hedging Instrument [Member]", "documentation": "Derivative instrument not designated as hedging instrument under Generally Accepted Accounting Principles (GAAP)." } } }, "auth_ref": ["r20"] }, "us-gaap_NumberOfForeignCurrencyDerivativesHeld": { "xbrltype": "integerItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NumberOfForeignCurrencyDerivativesHeld", "presentation": ["http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of Foreign Currency Derivatives Held", "label": "Number of Foreign Currency Derivatives Held", "documentation": "Number of foreign currency exchange rate derivatives held by the entity at the reporting date." } } }, "auth_ref": ["r82", "r83"] }, "us-gaap_NumberOfOperatingSegments": { "xbrltype": "integerItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NumberOfOperatingSegments", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of Operating Segments", "label": "Number of Operating Segments", "documentation": "Number of operating segments. An operating segment is a component of an enterprise: (a) that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses relating to transactions with other components of the same enterprise), (b) whose operating results are regularly reviewed by the enterprise's chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance, and (c) for which discrete financial information is available. An operating segment may engage in business activities for which it has yet to earn revenues, for example, start-up operations may be operating segments before earning revenues." } } }, "auth_ref": ["r891", "r1094"] }, "us-gaap_NumberOfReportableSegments": { "xbrltype": "integerItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NumberOfReportableSegments", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of Reportable Segments", "label": "Number

of Reportable Segments", "documentation": "Number of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements." } } }, "auth_ref": ["r886", "r894", "r1094"] }, "us-gaap_OciBeforeReclassificationsBeforeTaxAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OciBeforeReclassificationsBeforeTaxAttributableToParent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other comprehensive income (loss) before reclassifications", "label": "OCI, before Reclassifications, before Tax, Attributable to Parent", "documentation": "Amount before tax and reclassification adjustments of other comprehensive income (loss) attributable to parent." } } }, "auth_ref": ["r30"] }, "us-gaap_OpenForwardForeignCurrencyContractIdentifierAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OpenForwardForeignCurrencyContractIdentifierAxis", "presentation": ["http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Open Forward Foreign Currency Contract, Identifier [Axis]", "label": "Open Forward Foreign Currency Contract, Identifier [Axis]", "documentation": "Identification of contract for foreign currency transaction at fixed rate at future date, including, but not limited to, description of contract and other identifying information." } } }, "auth_ref": ["r782", "r787", "r846", "r847", "r848", "r849", "r850", "r851", "r853"] }, "us-gaap_OperatingIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingIncomeLoss", "crdr": "credit", "calculation": { "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 1.0 }, "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails"], "lang": { "en-us": { "role": { "totalLabel": "Income from operations", "terseLabel": "Operating Income (Loss)", "verboseLabel": "Total reportable operating segments' income from operations", "label": "Operating Income (Loss)", "documentation": "The net result for the period of deducting operating expenses from operating revenues." } } }, "auth_ref": ["r175", "r885", "r1093", "r1095", "r1096", "r1097", "r1098"] }, "us-gaap_OperatingLeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseCost", "crdr": "debit", "presentation": ["http://www.keysight.com/role/LeaseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating lease cost", "label": "Operating Lease, Cost", "documentation": "Amount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability." } } }, "auth_ref": ["r681", "r932"] }, "us-gaap_OperatingLeaseLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityCurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Operating lease liabilities", "label": "Operating Lease, Liability, Current", "documentation": "Present value of lessee's discounted obligation for lease payments from operating lease, classified as current." } } }, "auth_ref": ["r679"] }, "us-gaap_OperatingLeaseLiabilityNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityNoncurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Long-term operating lease liabilities", "label": "Operating Lease, Liability, Noncurrent", "documentation": "Present value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent." } } }, "auth_ref": ["r679"] }, "us-gaap_OperatingLeasePayments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeasePayments", "crdr": "credit", "presentation": ["http://www.keysight.com/role/LeaseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash payment for operating leases", "label": "Operating Lease, Payments", "documentation": "Amount of cash outflow from operating lease, excluding payments to bring another asset to condition and location necessary for its intended use." } } }, "auth_ref": ["r680", "r683"] }, "us-gaap_OperatingLeaseRightOfUseAsset": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseRightOfUseAsset", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Operating lease right of use assets", "label": "Operating Lease, Right-of-Use Asset", "documentation": "Amount of lessee's right to use underlying asset under operating lease." } } }, "auth_ref": ["r678"] }, "us-gaap_OperatingSegmentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingSegmentsMember", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails"], "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": ["r320", "r321", "r322", "r323", "r324", "r327", "r890", "r891"] }, "us-gaap_OrderOrProductionBacklogMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OrderOrProductionBacklogMember", "presentation": ["http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Backlog", "label": "Order or Production Backlog [Member]", "documentation": "Order or production backlog arising from contract acquired in business combination, asset acquisition, and from joint venture formation." } } }, "auth_ref": ["r73", "r1116", "r1117", "r1118", "r1119", "r1121", "r1122", "r1125", "r1126"] }, "us-gaap_OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock", "presentation": ["http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIES"], "lang": { "en-us": { "role": { "terseLabel": "OVERVIEW, BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES", "label": "Organization, Consolidation, Basis of Presentation, Business Description and Accounting Policies [Text Block]", "documentation": "The entire disclosure for the general note to the financial statements for the reporting entity which may include, descriptions of the basis of presentation, business description, significant accounting policies, consolidations, reclassifications, new pronouncements not yet adopted and changes in accounting principles." } } }, "auth_ref": ["r140", "r141", "r142", "r154"] }, "us-gaap_OtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsCurrent", "crdr": "debit", "calculation": { "http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails": { "parentTag": "us-gaap_PrepaidExpenseAndOtherAssetsCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other current assets", "label": "Other Assets, Current", "documentation": "Amount of current assets classified as other." } } }, "auth_ref": ["r235", "r933"] }, "us-gaap_OtherAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails", "http://www.keysight.com/role/REVENUECapitalizedContractualCostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Assets [Member]", "label": "Other Assets [Member]", "documentation": "Primary financial statement caption encompassing other assets." } } }, "auth_ref": ["r86", "r96"] }, "us-gaap_OtherAssetsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsNoncurrent", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 8.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Other assets", "label": "Other Assets, Noncurrent", "documentation": "Amount of noncurrent assets classified as other." } } }, "auth_ref": ["r227"] }, "us-gaap_OtherCommitment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitment", "crdr": "credit", "presentation": ["http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment", "label": "Other Commitment", "documentation": "Minimum amount of other commitment not otherwise specified in the taxonomy. Excludes commitments explicitly modeled in the taxonomy, including but not limited to, long-term and short-term purchase commitments, recorded and unrecorded purchase obligations, supply commitments, registration payment arrangements, leases, debt, product warranties, guarantees, environmental remediation obligations, and pensions." } } }, "auth_ref": [] }, "us-gaap_OtherCommitmentDueInNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitmentDueInNextTwelveMonths", "crdr": "credit", "presentation": ["http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment, to be Paid, Year One", "label": "Other Commitment, to be Paid, Year One", "documentation": "Amount of commitment classified as other to be paid in next 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": [] }, "us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansNetUnamortizedGainLossArisingDuringPeriodTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeDefinedBenefitPlansNetUnamortizedGainLossArisingDuringPeriodTax", "crdr": "debit", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnauditedParenthetical"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss) Arising During Period, Tax", "label": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss) Arising During Period, Tax", "documentation": "Amount of tax expense (benefit) for (increase) decrease in value of benefit obligation for change in actuarial assumptions and increase (decrease) in value of plan assets from experience different from that assumed of defined benefit plan, that has not been recognized in net periodic benefit (cost) credit." } } }, "auth_ref": ["r8"] }, "us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansTaxAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeDefinedBenefitPlansTaxAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnauditedParenthetical"], "lang": { "en-us": { "role": { "verboseLabel": "Net defined benefit pension cost and post retirement plan costs, tax [Abstract]", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, Tax [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationGainLossArisingDuringPeriodNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationGainLossArisingDuringPeriodNetOfTax", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Foreign currency translation, net of tax benefit (expense) of zero", "label": "Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Gain (Loss) Arising During Period, Net of Tax", "documentation": "Amount after tax, before 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": ["r5", "r123", "r124", "r126", "r659", "r660", "r663"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTax", "crdr": "debit", "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax", "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": ["r240"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAfterTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAfterTax", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Gain (loss) on derivative instruments, net of tax benefit (expense) of zero, $(1), zero and $5", "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": ["r238", "r239"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationTax", "crdr": "debit", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, Tax", "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": ["r240"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationAfterTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationAfterTax", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited", "http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Amounts reclassified into earnings related to derivative instruments, net of tax benefit (expense) of zero, $1, $1 and $1", "terseLabel": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after 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": ["r239", "r241"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationBeforeTax", "crdr": "debit", "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, before Tax", "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": ["r181", "r239", "r241"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationTax", "crdr": "credit", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, Tax", "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": ["r240"] }, "us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTranslationAdjustmentTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossForeignCurrencyTranslationAdjustmentTax", "crdr": "debit", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnauditedParenthetical"], "lang": { "en-us": { "role": { "verboseLabel": "Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Tax", "label": "Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Tax", "documentation": "Amount of tax expense (benefit), after 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": ["r5", "r8", "r661", "r670"] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement"], "lang": { "en-us": { "role": { "terseLabel": "Other comprehensive income (loss), net of tax", "label": "Other Comprehensive Income (Loss), Net of Tax", "documentation": "Amount after tax and reclassification adjustment of other comprehensive income (loss)." } } }, "auth_ref": ["r19", "r26", "r244", "r247", "r252", "r278", "r664", "r665", "r671", "r726", "r743", "r1074", "r1075"] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Other comprehensive income (loss):", "label": "Other Comprehensive Income (Loss), Net of Tax [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": 1.0, "order": 2.0 } }, "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited", "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails"], "lang": { "en-us": { "role": { "totalLabel": "Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent, Total", "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", "r18", "r155", "r244", "r247", "r278"] }, "us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossBeforeTax", "crdr": "debit", "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, before Tax", "label": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, before Tax", "documentation": "Amount, before tax, of reclassification adjustment from accumulated other comprehensive income (loss) for gain (loss) of defined benefit plan." } } }, "auth_ref": ["r10", "r126", "r242", "r510"] }, "us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossNetOfTax", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnaudited", "http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Change in net actuarial loss, net of tax expense of $1, $1, $3 and $3", "label": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, after Tax", "documentation": "Amount, after tax, of reclassification adjustment from accumulated other comprehensive income (loss) for gain (loss) of defined benefit plan." } } }, "auth_ref": ["r10", "r126", "r242", "r510"] }, "us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossTax", "crdr": "credit", "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, Tax", "label": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, Tax", "documentation": "Amount of tax expense (benefit) of reclassification adjustment from accumulated other comprehensive income (loss) for gain (loss) of defined benefit plan." } } }, "auth_ref": ["r8"] }, "us-gaap_OtherComprehensiveIncomeLossTaxParentheticalDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossTaxParentheticalDisclosuresAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCOMPREHENSIVEINCOMEUnauditedParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Other comprehensive income (loss), tax, parenthetical disclosures [Abstract]", "label": "Other Comprehensive Income (Loss), Tax, Parenthetical Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OtherComprehensiveIncomeLossTaxPortionAttributableToParent1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossTaxPortionAttributableToParent1", "crdr": "debit", "calculation": { "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent", "label": "Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent", "documentation": "Amount of tax expense (benefit) allocated to other comprehensive income (loss) attributable to parent entity." } } }, "auth_ref": ["r12", "r18", "r155"] }, "us-gaap_OtherCurrentAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCurrentAssetsMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Current Assets [Member]", "label": "Other Current Assets [Member]", "documentation": "Primary financial statement caption encompassing other current assets." } } }, "auth_ref": ["r86", "r96"] }, "us-gaap_OtherCurrentLiabilitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCurrentLiabilitiesMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails", "http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Current Liabilities [Member]", "label": "Other Current Liabilities [Member]", "documentation": "Primary financial statement caption encompassing other current liabilities." } } }, "auth_ref": [] }, "us-gaap_OtherLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 7.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Other accrued 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": ["r104", "r933"] }, "us-gaap_OtherLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

"OtherLiabilitiesNoncurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Other long-term liabilities", "label": "Other Liabilities, Noncurrent", "documentation": "Amount of liabilities classified as other, due after one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r109"] }, "us-gaap_OtherNoncashIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNoncashIncomeExpense", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 8.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Other non-cash expense (income), net", "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": ["r139"] }, "us-gaap_OtherNoncurrentAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNoncurrentAssetsMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails", "http://www.keysight.com/role/REVENUEContractAssetsDetails"], "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_OtherNoncurrentLiabilitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNoncurrentLiabilitiesMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Noncurrent Liabilities [Member]", "label": "Other Noncurrent Liabilities [Member]", "documentation": "Primary financial statement caption encompassing other noncurrent liabilities." } } }, "auth_ref": [] }, "us-gaap_OtherNonoperatingGainsLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNonoperatingGainsLosses", "crdr": "credit", "calculation": { "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Nonoperating Gains (Losses)", "label": "Other Nonoperating Gains (Losses)", "documentation": "Amount of gain (loss) related to nonoperating activities, classified as other." } } }, "auth_ref": ["r132", "r133"] }, "us-gaap_OtherNonoperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNonoperatingIncomeExpense", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Other income (expense), net", "label": "Other Nonoperating Income (Expense)", "documentation": "Amount of income (expense) related to nonoperating activities, classified as other." } } }, "auth_ref": ["r133"] }, "us-gaap_OtherNonoperatingIncomeExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherNonoperatingIncomeExpenseMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails", "http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Nonoperating Income (Expense)", "label": "Other Nonoperating Income (Expense) [Member]", "documentation": "Primary financial statement caption encompassing other nonoperating income (expense)." } } }, "auth_ref": [] }, "us-gaap_OtherOperatingIncomeExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherOperatingIncomeExpenseMember", "presentation": ["http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Operating Income (Expense)", "label": "Other Operating Income (Expense) [Member]", "documentation": "Primary financial statement caption encompassing other operating income (expense)." } } }, "auth_ref": [] }, "us-gaap_OtherOperatingIncomeExpenseNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherOperatingIncomeExpenseNet", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_CostsAndExpenses", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other operating expense (income), net", "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": { "terseLabel": "Other Performance Measure, Amount", "label": "Other Performance Measure, Amount" } } }, "auth_ref": ["r1011"] }, "us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherPostretirementBenefitPlansDefinedBenefitMember", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Post-retirement Benefits Plan", "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": ["r466", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r493", "r494", "r495", "r496", "r497", "r498", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r514", "r515", "r517", "r520", "r523", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r539", "r540", "r541", "r913", "r914", "r915", "r916", "r917"] }, "us-gaap_OtherTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherTaxExpenseBenefit", "crdr": "debit", "presentation": ["http://www.keysight.com/role/INCOMETAXESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Discrete Expense (Benefit)", "label": "Other Tax Expense (Benefit)", "documentation": "Amount of other income tax expense (benefit)." } } }, "auth_ref": ["r266", "r1154", "r1158"] }, "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": { "terseLabel": "Outstanding Aggregate Erroneous Compensation Amount", "label": "Outstanding Aggregate Erroneous Compensation Amount" } } }, "auth_ref": ["r973", "r983", "r993", "r1025"] }, "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": { "terseLabel": "Compensation Amount", "label": "Outstanding Recovery Compensation Amount" } } }, "auth_ref": ["r976", "r986", "r996", "r1028"] }, "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": { "terseLabel": "Name", "label": "Outstanding Recovery, Individual Name" } } }, "auth_ref": ["r976", "r986", "r996", "r1028"] }, "ecd_PayVsPerformanceDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PayVsPerformanceDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Pay vs Performance Disclosure [Line Items]" } } }, "auth_ref": ["r1000"] }, "us-gaap_PaymentForContingentConsiderationLiabilityFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentForContingentConsiderationLiabilityFinancingActivities", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 4.0 } }, "lang": { "en-us": { "role": { "documentation": "Amount of cash outflow, not made soon after acquisition date of business combination, to settle contingent consideration liability up to amount recognized at acquisition date, including, but not limited to, measurement period adjustment and less amount paid soon after acquisition date." } } }, "auth_ref": ["r11"] }, "us-gaap_PaymentsForProceedsFromOtherInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForProceedsFromOtherInvestingActivities", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other investing activities", "label": "Payments for (Proceeds from) Other Investing Activities", "documentation": "Amount of cash (inflow) outflow from investing activities classified as other." } } }, "auth_ref": ["r1051", "r1079"] }, "us-gaap_PaymentsForRepurchaseOfCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForRepurchaseOfCommonStock", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited", "http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Treasury stock repurchases", "terseLabel": "Payments for Repurchase of Common Stock", "label": "Payments for Repurchase of Common Stock", "documentation": "The cash outflow to reacquire common stock during the period." } } }, "auth_ref": ["r136"] }, "us-gaap_PaymentsOfFinancingCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfFinancingCosts", "crdr": "credit", "presentation": ["http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Payments of Financing Costs", "label": "Payments of Financing Costs", "documentation": "The cash outflow for loan and debt issuance costs." } } }, "auth_ref": ["r34"] }, "us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsRelatedToTaxWithholdingForShareBasedCompensation", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Payment of taxes related to net share settlement of equity 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": ["r255"] }, "us-gaap_PaymentsToAcquireBusinessesAndInterestInAffiliates": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireBusinessesAndInterestInAffiliates", "crdr": "credit", "presentation": ["http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Payments to Acquire Businesses and Interest in Affiliates", "label": "Payments to Acquire Businesses and Interest in Affiliates", "documentation": "The cash outflow associated with the acquisition of a controlling interest in another entity or an entity that is related to it but not strictly controlled (for example, an unconsolidated subsidiary, affiliate, joint venture or equity method investment)." } } }, "auth_ref": ["r33"] }, "us-gaap_PaymentsToAcquireBusinessesNetOfCashAcquired": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireBusinessesNetOfCashAcquired", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Acquisition of businesses and intangible assets, net of cash acquired", "terseLabel": "Payments to Acquire Businesses, Net of Cash Acquired", "label": "Payments to Acquire Businesses, Net of Cash Acquired", "documentation": "The cash outflow associated with the acquisition of a business, net of the cash acquired from the purchase." } } }, "auth_ref": ["r33"] }, "us-gaap_PaymentsToAcquireInProcessResearchAndDevelopment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireInProcessResearchAndDevelopment", "crdr": "credit", "presentation": ["http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Payments to Acquire in Process Research and Development", "label": "Payments to Acquire in Process Research and Development",

```
"documentation": "The cash outflows from the purchase of net carrying value allocated to in-process research and development costs and materials acquired in a business combination." } } }, "auth_ref": [ "r33" ] }, "us-gaap_PaymentsToAcquirePropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquirePropertyPlantAndEquipment", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "negatedLabel": "Investments in property, plant and equipment", "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": [ "r135" ] }, "us-gaap_PaymentsToMinorityShareholders": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToMinorityShareholders", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 6.0 } }, "presentation": [ "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails",
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Acquisition of non-controlling interests", "terseLabel": "Acquisition of non-controlling interests", "label": "Payments to Noncontrolling Interests", "documentation": "Amount of cash outflow to a noncontrolling interest. Includes, but not limited to, reduction of noncontrolling interest ownership. Excludes dividends paid to the noncontrolling interest." } } }, "auth_ref": [ "r34" ] }, "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": { "terseLabel": "Peer Group Issuers, Footnote", "label": "Peer Group Issuers, Footnote [Text Block]" } } }, "auth_ref": [ "r1010" ] }, "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": { "terseLabel": "Peer Group Total Shareholder Return Amount", "label": "Peer Group Total Shareholder Return Amount" } } }, "auth_ref": [ "r1010" ] }, "us-gaap_PensionAndOtherPostretirementBenefitsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANS" ], "lang": { "en-us": { "role": { "terseLabel": "RETIREMENT PLANS AND POST RETIREMENT PENSION PLANS", "label": "Retirement Benefits [Text Block]", "documentation": "The entire disclosure for retirement benefits." } } }, "auth_ref": [ "r465", "r490", "r492", "r498", "r516", "r518", "r519", "r520", "r521", "r522", "r537", "r538", "r539", "r913" ] }, "us-gaap_PensionAndOtherPostretirementDefinedBenefitPlansLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementDefinedBenefitPlansLiabilitiesNoncurrent", "crdr": "credit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Retirement and post-retirement benefits", "label": "Liability, Defined Benefit Plan, Noncurrent", "documentation": "Amount of liability, recognized in statement of financial position, for defined benefit pension and other postretirement plans, classified as noncurrent." } } }, "auth_ref": [ "r109", "r466", "r467", "r489", "r913" ] }, "us-gaap_PensionPlansDefinedBenefitMember": {
"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionPlansDefinedBenefitMember", "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails",
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Defined benefit plan", "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": [ "r466", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r514", "r515", "r517", "r520", "r523", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r539", "r540", "r542", "r913", "r914", "r918", "r919", "r920" ] },
"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": { "terseLabel": "PEO Actually Paid Compensation Amount", "label": "PEO Actually Paid Compensation Amount" } } }, "auth_ref": [ "r1002" ] }, "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": { "terseLabel": "PEO", "label": "PEO [Member]" } } }, "auth_ref": [ "r1019" ] }, "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": { "terseLabel": "PEO Name", "label": "PEO Name" } } }, "auth_ref": [ "r1012" ] }, "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": {
"terseLabel": "PEO Total Compensation Amount", "label": "PEO Total Compensation Amount" } } }, "auth_ref": [ "r1001" ] }, "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": { "terseLabel": "Pension Adjustments Prior Service Cost", "label": "Pension Adjustments Prior Service Cost [Member]" } } }, "auth_ref": [ "r1003" ] },
"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": { "terseLabel": "Pension Adjustments Service Cost", "label": "Pension Adjustments Service Cost [Member]" } } }, "auth_ref": [ "r1047" ] }, "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": { "terseLabel": "Pension Benefits Adjustments, Footnote", "label": "Pension Benefits Adjustments, Footnote [Text Block]" } } }, "auth_ref": [ "r1002" ] }, "us-gaap_PositionAxis": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "PositionAxis", "presentation": [ "http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Position [Axis]", "label": "Position [Axis]", "documentation": "Information by position taken for a security." } } }, "auth_ref": [] }, "us-gaap_PositionDomain": {
"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PositionDomain", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails",
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Position [Domain]", "label": "Position [Domain]", "documentation": "Indicates position taken for a security." } } }, "auth_ref": [] }, "us-gaap_PreferredStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PreferredStockParOrStatedValuePerShare", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ],
"lang": { "en-us": { "role": { "terseLabel": "Preferred stock, par value (in dollars per share)", "label": "Preferred Stock, Par or Stated Value Per Share", "documentation": "Face amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer." } } }, "auth_ref": [ "r112", "r436" ] }, "us-gaap_PreferredStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesAuthorized",
"presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ], "lang": { "en-us": { "role": { "terseLabel":
"Preferred stock, shares authorized (in shares)", "label": "Preferred Stock, Shares Authorized", "documentation": "The maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": [ "r112", "r796" ] }, "us-gaap_PreferredStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesIssued", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Shares Issued", "label": "Preferred Stock, Shares Issued", "documentation": "Number of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt." } } },
"auth_ref": [ "r112", "r436" ] }, "us-gaap_PreferredStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PreferredStockSharesOutstanding", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Shares Outstanding", "label": "Preferred Stock, Shares Outstanding", "documentation": "Aggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased." } } }, "auth_ref": [ "r112", "r796", "r814", "r1225", "r1226" ] }, "us-gaap_PreferredStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockValue", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": {
"parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred stock; $0.01 par value; 100 million shares authorized; none issued and outstanding", "label": "Preferred Stock, Value, Issued", "documentation": "Aggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": [ "r112", "r733", "r933" ] }, "us-gaap_PrepaidExpenseAndOtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PrepaidExpenseAndOtherAssetsCurrent", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": {
"parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 5.0 }, "http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails": {
"parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited",
"http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Other current assets",
"totalLabel": "Total 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": [ "r1073" ] }, "us-gaap_PrepaidExpenseAndOtherAssetsCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseAndOtherAssetsCurrentAbstract", "lang": { "en-us": { "role": { "label": "Prepaid Expense and Other Assets, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_PrepaidExpenseCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseCurrent", "crdr": "debit", "calculation": { "http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails": { "parentTag": "us-gaap_PrepaidExpenseAndOtherAssetsCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONOtherassetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Prepaid assets", "label": "Prepaid Expense, Current", "documentation": "Amount of asset related to consideration paid in advance for costs that provide economic benefits within a future period of one year or the normal operating cycle, if longer." } } }, "auth_ref": [ "r234", "r341", "r342", "r879" ] }, "us-gaap_ProceedsFromIncomeTaxRefundForeign": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIncomeTaxRefundForeign", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/INCOMETAXESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from Income Tax Refund, Foreign", "label": "Proceeds from Income Tax Refund, Foreign", "documentation": "Amount of cash received from foreign tax jurisdiction for refund of tax on income." } } }, "auth_ref": [ "r1083", "r1156" ] },
"us-gaap_ProceedsFromIssuanceOfSharesUnderIncentiveAndShareBasedCompensationPlansIncludingStockOptions": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfSharesUnderIncentiveAndShareBasedCompensationPlansIncludingStockOptions", "crdr": "debit",
"calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from issuance of common stock under employee stock plans", "label": "Proceeds, Issuance of Shares, Share-Based Payment Arrangement, Including Option Exercised", "documentation":
"Amount of cash inflow from issuance of shares under share-based payment arrangement. Includes, but is not limited to, option exercised." } } }, "auth_ref": [ "r9", "r23" ] },
```

```
"us-gaap_ProceedsFromPaymentsForOtherFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromPaymentsForOtherFinancingActivities", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Other financing activities", "label": "Proceeds from (Payments for) Other Financing Activities", "documentation": "Amount of cash inflow (outflow) from financing activities classified as other." } } }, "auth_ref": [ "r1052", "r1080" ] }, "us-gaap_ProceedsFromSaleAndMaturityOfOtherInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleAndMaturityOfOtherInvestments", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 3.0 } }, "lang": { "en-us": { "role": { "documentation": "The cash inflow associated with the sale and maturity (principal being due) of other investments, prepayment and call (request of early payment) of other investments not otherwise defined in the taxonomy." } } }, "auth_ref": [ "r32" ] }, "us-gaap_ProductMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProductMember", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Products", "label": "Product [Member]", "documentation": "Article or substance produced by nature, labor or machinery." } } }, "auth_ref": [ "r904" ] }, "srt_ProductOrServiceAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductOrServiceAxis", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Product and Service [Axis]", "label": "Product and Service [Axis]", "documentation": "Information by product and service, or group of similar products and similar services." } } }, "auth_ref": [ "r190", "r191", "r192", "r193", "r194", "r195", "r215", "r329", "r691", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r874", "r904", "r943", "r944", "r945", "r948", "r949", "r1065", "r1134", "r1135", "r1147", "r1191", "r1195", "r1196", "r1197", "r1198", "r1199", "r1200", "r1201", "r1202", "r1203", "r1204", "r1205", "r1206", "r1207", "r1208", "r1209", "r1210", "r1211", "r1212", "r1213", "r1214", "r1215", "r1216", "r1217", "r1218", "r1219", "r1220", "r1221", "r1222" ] }, "srt_ProductsAndServicesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductsAndServicesDomain", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Product and Service [Domain]", "label": "Product and Service [Domain]", "documentation": "Product or service, or a group of similar products or similar services." } } }, "auth_ref": [ "r190", "r191", "r192", "r193", "r194", "r195", "r215", "r329", "r691", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r874", "r904", "r943", "r944", "r945", "r948", "r949", "r1065", "r1134", "r1135", "r1147", "r1191", "r1195", "r1196", "r1197", "r1198", "r1199", "r1200", "r1201", "r1202", "r1203", "r1204", "r1205", "r1206", "r1207", "r1208", "r1209", "r1210", "r1211", "r1212", "r1213", "r1214", "r1215", "r1216", "r1217", "r1218", "r1219", "r1220", "r1221", "r1222" ] }, "us-gaap_ProfitLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProfitLoss", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement",
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Net Income (Loss), Including Portion Attributable to Noncontrolling Interest, Total", "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": [ "r220", "r243", "r246", "r257", "r265", "r272", "r278", "r281", "r282", "r337", "r395", "r396", "r398", "r399", "r400", "r401", "r402", "r404", "r405", "r606", "r613", "r614", "r617", "r618", "r635", "r658", "r729", "r740", "r779", "r816", "r832", "r833", "r923", "r924", "r961", "r1076", "r1143" ] }, "us-gaap_PropertyPlantAndEquipmentNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentNet", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Property, plant 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": [ "r15", "r685", "r730", "r738", "r933" ] }, "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": { "terseLabel": "Pay vs Performance Disclosure", "label": "Pay vs Performance Disclosure [Table]" } } }, "auth_ref": [ "r1000" ] }, "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": { "terseLabel": "Pay vs Performance Disclosure, Table", "label": "Pay vs Performance [Table Text Block]" } } }, "auth_ref": [ "r1000" ] }, "us-gaap_ReclassificationAdjustmentOutOfAccumulatedOtherComprehensiveIncomeOnDerivativesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationAdjustmentOutOfAccumulatedOtherComprehensiveIncomeOnDerivativesLineItems", "presentation": [
"http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items]", "label": "Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [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": [ "r250" ] }, "us-gaap_ReclassificationFromAccumulatedOtherComprehensiveIncomeCurrentPeriodNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationFromAccumulatedOtherComprehensiveIncomeCurrentPeriodNetOfTax", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax", "label": "Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax", "documentation": "Amount after tax of reclassification adjustments of other comprehensive income (loss)." } } }, "auth_ref": [ "r26", "r30", "r249", "r664", "r669", "r671", "r743", "r1074" ] }, "us-gaap_ReclassificationFromAociCurrentPeriodBeforeTaxAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationFromAociCurrentPeriodBeforeTaxAttributableToParent", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "weight": -1.0, "order": 2.0 } }, "presentation": [
"http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Amounts reclassified out of accumulated other comprehensive gain (loss)", "label": "Reclassification from AOCI, Current Period, before Tax, Attributable to Parent", "documentation": "Amount before tax of reclassification adjustments of other comprehensive income (loss) attributable to parent." } } }, "auth_ref": [ "r30" ] }, "us-gaap_ReclassificationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationLineItems", "presentation": [
"http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification [Line Items]", "label": "Reclassification [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": [ "r218" ] }, "us-gaap_ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTable", "presentation": [
"http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification out of Accumulated Other Comprehensive Income [Table]", "label": "Reclassification out of Accumulated Other Comprehensive Income [Table]", "documentation": "Disclosure of information about items reclassified out of accumulated other comprehensive income (loss)." } } }, "auth_ref": [ "r250" ] }, "us-gaap_ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTableTextBlock", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYTables" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification out of Accumulated Other Comprehensive Income", "label": "Reclassification out of Accumulated Other Comprehensive Income [Table Text Block]", "documentation": "Tabular disclosure of information about items reclassified out of accumulated other comprehensive income (loss)." } } }, "auth_ref": [] }, "us-gaap_ReclassificationTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationTable", "presentation": [
"http://www.keysight.com/role/OVERVIEWBASISOFPRESENTATIONANDSUMMARYOFSIGNIFICANTACCOUNTINGPOLICIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification [Table]", "label": "Reclassification [Table]", "documentation": "Disclosure of information about reclassification adjustment affecting comparability of financial statement. Excludes amendment to accounting standards, other change in accounting principle, and correction of error." } } }, "auth_ref": [ "r218" ] }, "us-gaap_ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedAbstract", "presentation": [
"http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Abstract]", "label": "Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReconciliationOfOperatingProfitLossFromSegmentsToConsolidatedTextBlock", "presentation": [ "http://www.keysight.com/role/SEGMENTINFORMATIONTables" ], "lang": { "en-us": { "role": { "terseLabel": "Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table Text Block]", "label": "Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table Text Block]", "documentation": "Tabular disclosure of the reconciliation of profit (loss) from reportable segments to the consolidated income (loss) before income tax expense (benefit) and discontinued operations. Includes, but is not limited to, reconciliation after income tax if income tax is allocated to the reportable segment." } } }, "auth_ref": [ "r45", "r46" ] }, "us-gaap_ReconciliationOfRevenueFromSegmentsToConsolidatedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReconciliationOfRevenueFromSegmentsToConsolidatedTextBlock", "presentation": [
"http://www.keysight.com/role/SEGMENTINFORMATIONTables" ], "lang": { "en-us": { "role": { "terseLabel": "Reconciliation of Revenue from Segments to Consolidated [Table Text Block]", "label": "Reconciliation of Revenue from Segments to Consolidated [Table Text Block]", "documentation": "Tabular disclosure of all significant reconciling items in the reconciliation of total revenues from reportable segments to the entity's consolidated revenues." } } }, "auth_ref": [ "r44", "r46" ] },
"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]" } } }, "auth_ref": [ "r968", "r978", "r988", "r1020" ] }, "us-gaap_RepaymentsOfDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfDebt", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 7.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited", "http://www.keysight.com/role/DEBTESIassumedDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Repayment of debt", "terseLabel": "Repayment of debt", "label": "Repayments of Debt", "documentation": "Amount of cash outflow for short-term and long-term debt. Excludes payment of lease obligation." } } }, "auth_ref": [ "r1081" ] }, "us-gaap_ResearchAndDevelopmentExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpense", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_CostsAndExpenses", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Research and development", "label": "Research and Development Expense", "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": [ "r581", "r871", "r890", "r1189" ] }, "us-gaap_ResearchAndDevelopmentExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpenseMember", "presentation": [
"http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Research and development",
```

"label": "Research and Development Expense [Member]", "documentation": "Primary financial statement caption in which the reported facts about research and development expense have been included." } } }, "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": { "terseLabel": "Restatement Determination Date:", "label": "Restatement Determination Date [Axis]" } } }, "auth_ref": ["r969", "r979", "r989", "r1021"] }, "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": { "terseLabel": "Restatement Determination Date", "label": "Restatement Determination Date" } } }, "auth_ref": ["r970", "r980", "r990", "r1022"] }, "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": { "terseLabel": "Restatement does not require Recovery", "label": "Restatement Does Not Require Recovery [Text Block]" } } }, "auth_ref": ["r977", "r987", "r997", "r1029"] }, "us-gaap_RestrictedCashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "calculation": { "http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "weight": 1.0, "order": 2.0 } }, "lang": { "en-us": { "role": { "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", "r223", "r262"] }, "us-gaap_RestrictedCashAndCashEquivalentsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsNoncurrent", "crdr": "debit", "calculation": { "http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Restricted cash included in other assets", "label": "Restricted Cash and Cash Equivalents, Noncurrent", "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", "r178", "r262"] }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Retained earnings", "label": "Retained Earnings (Accumulated Deficit)", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r115", "r150", "r736", "r772", "r774", "r776", "r797", "r933"] }, "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Retained Earnings [Member]", "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r216", "r269", "r270", "r271", "r273", "r278", "r280", "r282", "r338", "r339", "r373", "r596", "r597", "r603", "r604", "r605", "r607", "r612", "r613", "r625", "r627", "r628", "r630", "r633", "r675", "r677", "r769", "r771", "r780", "r1225"] }, "us-gaap_RetirementPlanSponsorLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanSponsorLocationAxis", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Sponsor Location [Axis]", "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": ["r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r513", "r514", "r515", "r517", "r520", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r1151", "r1152", "r1153"] }, "us-gaap_RetirementPlanSponsorLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanSponsorLocationDomain", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Sponsor Location [Domain]", "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": ["r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r513", "r514", "r515", "r517", "r520", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r1151", "r1152", "r1153"] }, "us-gaap_RetirementPlanTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanTypeAxis", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Type [Axis]", "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": ["r466", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r514", "r515", "r517", "r520", "r523", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r539", "r540", "r541", "r542", "r913", "r914", "r915", "r916", "r917", "r918", "r919", "r920"] }, "us-gaap_RetirementPlanTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanTypeDomain", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Type [Domain]", "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": ["r466", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r506", "r507", "r508", "r509", "r510", "r511", "r512", "r514", "r515", "r517", "r520", "r523", "r527", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r539", "r540", "r541", "r542", "r913", "r914", "r915", "r916", "r917", "r918", "r919", "r920"] }, "us-gaap_RevenueFromContractWithCustomerAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerAbstract", "lang": { "en-us": { "role": { "terseLabel": "Revenue from Contract with Customer [Abstract]", "label": "Revenue from Contract with Customer [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerIncludingAssessedTax", "crdr": "credit", "presentation": ["http://www.keysight.com/role/REVENUEDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue from Contract with Customer, Including Assessed Tax", "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": ["r173", "r174", "r298", "r305", "r306", "r320", "r326", "r329", "r331", "r333", "r460", "r461", "r691"] }, "us-gaap_RevenueFromContractWithCustomerTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": ["http://www.keysight.com/role/REVENUENotes"], "lang": { "en-us": { "role": { "terseLabel": "Revenue from Contract with Customer [Text Block]", "label": "Revenue from Contract with Customer [Text Block]", "documentation": "The entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts." } } }, "auth_ref": ["r184", "r452", "r453", "r454", "r455", "r456", "r457", "r458", "r459", "r464"] }, "us-gaap_RevenueRecognitionAndDeferredRevenueAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRecognitionAndDeferredRevenueAbstract", "lang": { "en-us": { "role": { "terseLabel": "Revenue Recognition and Deferred Revenue [Abstract]", "label": "Revenue Recognition and Deferred Revenue [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevenueRemainingPerformanceObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligation", "crdr": "credit", "presentation": ["http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Amount", "label": "Revenue, Remaining Performance Obligation, Amount", "documentation": "Amount of transaction price allocated to performance obligation that has not been recognized as revenue." } } }, "auth_ref": ["r179"] }, "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionExplanation": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionExplanation", "presentation": ["http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Explanation", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Explanation", "documentation": "Description of when remaining performance obligation is expected to be recognized as revenue." } } }, "auth_ref": ["r458"] }, "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionLineItems", "presentation": ["http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [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_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionPeriod1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionPeriod1", "presentation": ["http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period", "documentation": "Period in which remaining performance obligation is expected to be recognized as revenue, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r180"] }, "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionStartDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionStartDateAxis", "presentation": ["http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date

[Axis]", "documentation": "Start date of time band for expected timing of satisfaction of remaining performance obligation, in YYYY-MM-DD format." } } }, "auth_ref": ["r180"] }, "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTable", "presentation": ["http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table]", "documentation": "Disclosure of information about expected timing for satisfying remaining performance obligation." } } } }, "auth_ref": [] }, "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTableTextBlock", "presentation": ["http://www.keysight.com/role/REVENUETables"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table Text Block]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table Text Block]", "documentation": "Tabular disclosure of expected timing for satisfying remaining performance obligation." } } }, "auth_ref": ["r1053"] }, "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionYear1": { "xbrltype": "gYearListItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionYear1", "presentation": ["http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Year", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Year", "documentation": "Year in which remaining performance obligation is expected to be recognized, in YYYY format." } } }, "auth_ref": ["r180"] }, "us-gaap_RevenueRemainingPerformanceObligationPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationPercentage", "presentation": ["http://www.keysight.com/role/REVENUERemainingperformanceobligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Percentage", "label": "Revenue, Remaining Performance Obligation, Percentage", "documentation": "Percentage of remaining performance obligation to total remaining performance obligation not recognized as revenue." } } }, "auth_ref": ["r1053"] }, "us-gaap_Revenues": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Revenues", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenues", "totalLabel": "Revenues, Total", "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": ["r173", "r174", "r251", "r265", "r298", "r305", "r306", "r320", "r326", "r329", "r331", "r333", "r337", "r395", "r396", "r398", "r399", "r400", "r401", "r402", "r404", "r405", "r658", "r729", "r890", "r1143"] }, "us-gaap_RevenuesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenuesAbstract", "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Net revenue:", "label": "Revenues [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevolvingCreditFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevolvingCreditFacilityMember", "presentation": ["http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revolving Credit Facility", "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": [] }, "us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability", "crdr": "debit", "presentation": ["http://www.keysight.com/role/LeaseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Right-of-use assets obtained in exchange for operating lease obligations", "label": "Right-of-Use Asset Obtained in Exchange for Operating Lease Liability", "documentation": "Amount of increase in right-of-use asset obtained in exchange for operating lease liability." } } }, "auth_ref": ["r684", "r932"] }, "keys_RiscureHoldingB.V.Member": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "RiscureHoldingB.V.Member", "presentation": ["http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails"], "lang": { "en-us": { "role": { "terseLabel": "Riscure [Member]", "label": "Riscure Holding B.V. [Member]", "documentation": "Riscure Holding B.V." } } }, "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": { "terseLabel": "Rule 10b5-1 Arrangement Adopted", "label": "Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": ["r1038"] }, "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": { "terseLabel": "Rule 10b5-1 Arrangement Terminated", "label": "Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": ["r1038"] }, "keys_SatishDhanasekaranMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SatishDhanasekaranMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Satish Dhanasekaran [Member]", "documentation": "Satish Dhanasekaran" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "presentation": ["http://www.keysight.com/role/STOCKHOLDERSEQUITYTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Accumulated Other Comprehensive Income (Loss)", "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", "r1181", "r1182"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable", "presentation": ["http://www.keysight.com/role/NETINCOMEPERSHARENarrativesDetails"], "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": ["r40"] }, "us-gaap_ScheduleOfBusinessAcquisitionsByAcquisitionTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfBusinessAcquisitionsByAcquisitionTable", "presentation": ["http://www.keysight.com/role/ACQUISITIONOFRISCUREDetails", "http://www.keysight.com/role/ACQUISITIONSOFANAPICODetails", "http://www.keysight.com/role/ACQUISITIONSOFESINarrativeDetails", "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSAcquisitionNarrativesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Business Acquisitions, by Acquisition [Table]", "label": "Schedule of Business Acquisitions, by Acquisition [Table]", "documentation": "Disclosure of information about business combination. Includes, but is not limited to, recognized asset and liability." } } }, "auth_ref": ["r65", "r68", "r610"] }, "us-gaap_ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "presentation": ["http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONTables"], "lang": { "en-us": { "role": { "terseLabel": "Cash, cash equivalents and restricted cash [Table Text Block]", "label": "Schedule of Cash Flow, Supplemental Disclosures [Table Text Block]", "documentation": "Tabular disclosure of supplemental cash flow information for the periods presented." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfDebtInstrumentsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDebtInstrumentsTextBlock", "presentation": ["http://www.keysight.com/role/DEBTTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Long-term Debt Instruments", "label": "Schedule of Long-Term Debt Instruments [Table Text Block]", "documentation": "Tabular disclosure of long-debt instruments or arrangements, including identification, terms, features, collateral requirements and other information necessary to a fair presentation. These are debt arrangements that originally required repayment more than twelve months after issuance or greater than the normal operating cycle of the entity, if longer." } } }, "auth_ref": ["r27", "r52", "r53", "r99", "r148", "r149", "r899", "r901", "r1087", "r1183"] }, "us-gaap_ScheduleOfDefinedBenefitPlansDisclosuresTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDefinedBenefitPlansDisclosuresTable", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails"], "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": ["r16", "r57", "r58", "r59", "r60"] }, "us-gaap_ScheduleOfDefinedBenefitPlansDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDefinedBenefitPlansDisclosuresTextBlock", "presentation": ["http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of net pension and post-retirement benefit costs", "label": "Schedule of Defined Benefit Plans Disclosures [Table Text Block]", "documentation": "Tabular disclosure of one or more of the entity's defined benefit pension plans or one or more other defined benefit postretirement plans, separately for pension plans and other postretirement benefit plans including the entity's schedule of fair value of plan assets for defined benefit or other postretirement plans." } } }, "auth_ref": ["r16", "r57", "r58", "r59", "r60"] }, "us-gaap_ScheduleOfDerivativeInstrumentsGainLossInStatementOfFinancialPerformanceTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDerivativeInstrumentsGainLossInStatementOfFinancialPerformanceTextBlock", "presentation": ["http://www.keysight.com/role/DERIVATIVESTables"], "lang": { "en-us": { "role": { "terseLabel": "Effect of derivative instruments for foreign exchange contracts in the consolidated statement of operations", "label": "Derivative Instruments, Gain (Loss) [Table Text Block]", "documentation": "Tabular disclosure of 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": ["r87", "r90", "r623"] }, "us-gaap_ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock", "presentation": ["http://www.keysight.com/role/DERIVATIVESTables"], "lang": { "en-us": { "role": { "terseLabel": "Gross fair values and balance sheet location of derivative instruments held in the consolidated balance sheet", "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": ["r88"] }, "us-gaap_ScheduleOfDerivativeInstrumentsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDerivativeInstrumentsTextBlock", "presentation": ["http://www.keysight.com/role/DERIVATIVESTables"], "lang": { "en-us": { "role": { "terseLabel": "Aggregated notional amounts by currency and designation", "label": "Schedule of Derivative Instruments [Table Text Block]", "documentation": "Tabular disclosure of pertinent information about a derivative or group of derivatives on a disaggregated basis, such as for individual instruments, or small groups of similar instruments. May include a combination of the type of instrument, risks being hedged, notional amount, hedge designation, related hedged item, inception date, maturity date, or other relevant item." } } }, "auth_ref": ["r20", "r80", "r81", "r83", "r85", "r88", "r90", "r94", "r95"] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://www.keysight.com/role/NETINCOMEPERSHARETables"], "lang": { "en-us": { "role": { "verboseLabel": "Reconciliation of the numerators and denominators of the basic and diluted net income per share", "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": ["r1092"] }, "us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTable", "presentation": ["http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Payment Arrangement, Expensed and Capitalized, Amount [Table]", "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table]", "documentation":

"Disclosure of information about amount recognized for award under share-based payment arrangement. Includes, but is not limited to, amount expensed in statement of income or comprehensive income, amount capitalized in statement of financial position, and corresponding reporting line item in financial statements." } } }, "auth_ref": ["r61"] }, "us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "presentation": ["http://www.keysight.com/role/SHAREBASEDCOMPENSATIONTables"], "lang": { "en-us": { "role": { "verboseLabel": "Allocated Share-based compensation expense disclosure", "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block]", "documentation": "Tabular disclosure of allocation of amount expensed and capitalized for award under share-based payment arrangement to statement of income or comprehensive income and statement of financial position. Includes, but is not limited to, corresponding line item in financial statement." } } } }, "auth_ref": ["r61"] }, "us-gaap_ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "presentation": ["http://www.keysight.com/role/FAIRVALUEMEASUREMENTSTables"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Assets And Liabilities Measured On Recurring Basis", "label": "Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis [Table Text Block]", "documentation": "Tabular disclosure of assets and liabilities, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date 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 (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": ["r1166", "r1167"] }, "us-gaap_ScheduleOfFiniteLivedIntangibleAssetsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfFiniteLivedIntangibleAssetsTable", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOthorIntangiblesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Finite-Lived Intangible Assets [Table]", "label": "Intangible Asset, Finite-Lived [Table]", "documentation": "Disclosure of information about finite-lived intangible asset. Excludes indefinite-lived intangible asset." } } }, "auth_ref": ["r359", "r366", "r370", "r371", "r372", "r692", "r871", "r896"] }, "us-gaap_ScheduleOfGoodwillTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfGoodwillTable", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Goodwill [Table]", "label": "Goodwill [Table]", "documentation": "Disclosure of information about goodwill, including, but not limited to, change from acquisition, sale, impairment, and other reason." } } }, "auth_ref": ["r348", "r349", "r350", "r351", "r352", "r353", "r354", "r355", "r356", "r357", "r358", "r895"] }, "us-gaap_ScheduleOfGoodwillTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfGoodwillTextBlock", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill balances and movements for each reportable segments during the period", "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": ["r895", "r1104", "r1105", "r1106", "r1107", "r1108", "r1109", "r1110", "r1111", "r1112", "r1113", "r1114"] }, "us-gaap_ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock", "presentation": ["http://www.keysight.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Income before Income Tax, Domestic and Foreign", "label": "Schedule of Income before Income Tax, Domestic and Foreign [Table Text Block]", "documentation": "Tabular disclosure of income before income tax between domestic and foreign jurisdictions." } } }, "auth_ref": ["r1086"] }, "us-gaap_ScheduleOfIndefiniteLivedIntangibleAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfIndefiniteLivedIntangibleAssetsTableTextBlock", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSTables"], "lang": { "en-us": { "role": { "verboseLabel": "Components of other intangibles during the period", "label": "Schedule of Indefinite-Lived Intangible Assets [Table Text Block]", "documentation": "Tabular disclosure of assets, excluding financial assets and goodwill, lacking physical substance and exist in perpetuity, by either major class or business segment." } } }, "auth_ref": ["r896", "r1124"] }, "us-gaap_ScheduleOfInventoryCurrentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfInventoryCurrentTableTextBlock", "presentation": ["http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Inventory, Current [Table Text Block]", "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", "r119", "r120", "r121"] }, "us-gaap_ScheduleOfOtherCurrentAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherCurrentAssetsTableTextBlock", "presentation": ["http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Other Current Assets", "label": "Schedule of Other Current Assets [Table Text Block]", "documentation": "Tabular disclosure of the carrying amounts of other current assets." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfProductWarrantyLiabilityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfProductWarrantyLiabilityTableTextBlock", "presentation": ["http://www.keysight.com/role/SUPPLEMENTALFINANCIALINFORMATIONTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Product Warranty Liability [Table Text Block]", "label": "Schedule of Product Warranty Liability [Table Text Block]", "documentation": "Tabular disclosure of the changes in the guarantor's aggregate product warranty liability, including the beginning balance of the aggregate product warranty liability, the aggregate reductions in that liability for payments made (in cash or in kind) under the warranty, the aggregate changes in the liability for accruals related to product warranties issued during the reporting period, the aggregate changes in the liability for accruals related to preexisting warranties (including adjustments related to changes in estimates), and the ending balance of the aggregate product warranty liability." } } }, "auth_ref": ["r392"] }, "us-gaap_ScheduleOfRecognizedIdentifiedAssetsAcquiredAndLiabilitiesAssumedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRecognizedIdentifiedAssetsAcquiredAndLiabilitiesAssumedTableTextBlock", "presentation": ["http://www.keysight.com/role/ACQUISITIONSTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Recognized Identified Assets Acquired and Liabilities Assumed", "label": "Schedule of Recognized Identified Assets Acquired and Liabilities Assumed [Table Text Block]", "documentation": "Tabular disclosure of the amounts recognized as of the acquisition date for each major class of assets acquired and liabilities assumed. May include but not limited to the following: (a) acquired receivables; (b) contingencies recognized at the acquisition date; and (c) the fair value of noncontrolling interests in the acquiree." } } }, "auth_ref": ["r152"] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTable", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONTables"], "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": ["r41", "r42", "r43"] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTextBlock", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Segment Reporting Information, by Segment [Table Text Block]", "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": ["r41", "r42", "r43"] }, "us-gaap_ScheduleOfShortTermDebtTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShortTermDebtTable", "presentation": ["http://www.keysight.com/role/DEBTletterofcreditsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Short-term Debt [Table]", "label": "Short-Term Debt [Table]", "documentation": "Disclosure of information about short-term debt arrangement. Includes, but is not limited to, description of arrangement, lender, repayment term, weighted-average interest rate, borrowed amount, and description and amount of refinancing of short-term obligation when obligation is excluded from current liability." } } }, "auth_ref": ["r103"] }, "us-gaap_SecuredOvernightFinancingRateSofrOvernightIndexSwapRateMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SecuredOvernightFinancingRateSofrOvernightIndexSwapRateMember", "presentation": ["http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Secured Overnight Financing Rate (SOFR) Overnight Index Swap Rate", "label": "Secured Overnight Financing Rate (SOFR) Overnight Index Swap Rate [Member]", "documentation": "Fixed rate on U.S. dollar, constant-notional interest rate swap that has its variable rate leg referenced to Secured Overnight Financing Rate (SOFR) with no additional spread over SOFR on variable rate leg." } } }, "auth_ref": ["r1164"] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": ["http://www.keysight.com/role/CoverPage"], "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": ["r963"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": ["http://www.keysight.com/role/CoverPage"], "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": ["r965"] }, "us-gaap_SegmentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentDomain", "presentation": ["http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails", "http://www.keysight.com/role/REVENUEDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Segments [Domain]", "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": ["r173", "r174", "r175", "r176", "r298", "r301", "r304", "r305", "r306", "r307", "r308", "r309", "r310", "r311", "r312", "r313", "r314", "r315", "r317", "r318", "r319", "r320", "r321", "r322", "r323", "r324", "r326", "r327", "r328", "r333", "r348", "r349", "r350", "r351", "r352", "r353", "r354", "r355", "r356", "r372", "r383", "r384", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r887", "r890", "r891", "r895", "r947", "r1191", "r1195", "r1196", "r1197", "r1198", "r1199", "r1200", "r1201", "r1202", "r1203", "r1204", "r1205", "r1206", "r1207", "r1208", "r1209", "r1210", "r1211", "r1212", "r1213", "r1214", "r1215", "r1216", "r1217", "r1218", "r1219", "r1220", "r1221", "r1222"] }, "srt_SegmentGeographicalDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "SegmentGeographicalDomain", "presentation": ["http://www.keysight.com/role/REVENUEDetails"], "lang": { "en-us": { "role": { "terseLabel": "Geographical [Domain]", "label": "Geographical [Domain]", "documentation": "Geographical area." } } }, "auth_ref": ["r186", "r187", "r188", "r189", "r196", "r197", "r198", "r199", "r200", "r201", "r202", "r203", "r204", "r205", "r331", "r332", "r694", "r695", "r696", "r697", "r698", "r699", "r700", "r701", "r702", "r703", "r704", "r705", "r706", "r707", "r708", "r709", "r710", "r711", "r712", "r713", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r783", "r784", "r785", "r839", "r840", "r841", "r856", "r859", "r862", "r863", "r864", "r865", "r866", "r867", "r868", "r869", "r870", "r875", "r905", "r935", "r936", "r937", "r938", "r939", "r940", "r941", "r942", "r946", "r952", "r1147", "r1191", "r1195", "r1196", "r1198", "r1199", "r1200", "r1201", "r1202", "r1203", "r1204", "r1205", "r1206", "r1207", "r1208", "r1209", "r1210", "r1211", "r1212", "r1213", "r1214", "r1215", "r1216", "r1217", "r1218", "r1219", "r1220", "r1221", "r1222"] }, "us-gaap_SegmentReportingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingAbstract", "lang": { "en-us": { "role": { "terseLabel": "Segment Reporting [Abstract]", "label": "Segment Reporting [Abstract]" } } }, "auth_ref": [] }, "us-gaap_SegmentReportingDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingDisclosureTextBlock", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATION"], "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": ["r176", "r298", "r300", "r301", "r302", "r303", "r304", "r316", "r318", "r319", "r324", "r325", "r326", "r327", "r328", "r329", "r330", "r333", "r886", "r888", "r889", "r890", "r892", "r893", "r894"] }, "us-gaap_SegmentReportingInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

"SegmentReportingInformationLineItems", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails",
"http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails",
"http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONTables"], "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": [] }, "keys_SegmentReportingOtherReconcilingItemsForOperatingProfitLossSegmentToConsolidated": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SegmentReportingOtherReconcilingItemsForOperatingProfitLossSegmentToConsolidated", "crdr": "debit", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Restructuring and others", "label": "Segment Reporting Other reconciling items for operating profit loss segment to consolidated", "documentation": "Amount of an item in the reconciliation of total profit or loss from reportable segments to the entity's consolidated income before income taxes, extraordinary items, discontinued operations." } } }, "auth_ref": [] },
"keys_SegmentReportingReconciliationItemAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SegmentReportingReconciliationItemAssets", "crdr": "debit", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails",
"http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total reportable segments' assets", "label": "Segment Reporting Reconciliation Item Assets", "documentation": "Amounts of assets held by an entity, and used in a reconciliation of assets by segment to the entity consolidated balance sheet." } } }, "auth_ref": [] }, "keys_SegmentReportingReconciliationItemLongTermTaxReceivables": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SegmentReportingReconciliationItemLongTermTaxReceivables", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-term tax receivables", "label": "SegmentReportingReconciliationItemLongTermTaxReceivables", "documentation": "Segment Reporting Reconciliation Item Long-Term Tax Receivables" } } }, "auth_ref": [] }, "keys_SegmentReportingReconciliationItemOtherAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SegmentReportingReconciliationItemOtherAssets", "crdr": "debit", "presentation": ["http://www.keysight.com/role/SEGMENTINFORMATIONASSETSRECONDetails"], "lang": { "en-us": { "role": { "terseLabel": "Pension and other assets", "label": "Segment Reporting Reconciliation Item Other Assets", "documentation": "Segment Reporting Reconciliation Item Other Assets" } } }, "auth_ref": [] }, "us-gaap_SellingGeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpense", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited": { "parentTag": "us-gaap_CostsAndExpenses", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Selling, general and administrative", "label": "Selling, General and Administrative Expense", "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": ["r131"] },
"us-gaap_SellingGeneralAndAdministrativeExpensesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpensesMember", "presentation": [
"http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails",
"http://www.keysight.com/role/SHAREBASEDCOMPENSATIONAllocationofperiodcostsDetails",
"http://www.keysight.com/role/STOCKHOLDERSEQUITYReclassificationsoutofaccumulatedcomprehensiveincomeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Selling, general and administrative", "label": "Selling, General and Administrative Expenses [Member]", "documentation": "Primary financial statement caption encompassing selling, general and administrative expense." } } }, "auth_ref": [] }, "us-gaap_SeniorNotes": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeniorNotes", "crdr": "credit", "presentation": ["http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Senior Notes", "label": "Senior Notes", "documentation": "Including the current and noncurrent portions, carrying value as of the balance sheet date of Notes with the highest claim on the assets of the issuer in case of bankruptcy or liquidation (with maturities initially due after one year or beyond the operating cycle if longer). Senior note holders are paid off in full before any payments are made to junior note holders." } } }, "auth_ref": ["r166", "r1190"] }, "keys_SeniorNotes2024Member": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SeniorNotes2024Member", "presentation": [
"http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Senior Notes 2024", "label": "Senior Notes 2024 [Member]", "documentation": "Senior Notes 2024 [Member]" } } }, "auth_ref": [] }, "keys_SeniorNotes2027Member": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SeniorNotes2027Member", "presentation": [
"http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Senior Notes 2027", "label": "Senior Notes 2027 [Member]", "documentation": "Senior Notes 2027 [Member]" } } }, "auth_ref": [] }, "keys_SeniorNotes2029Member": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SeniorNotes2029Member", "presentation": [
"http://www.keysight.com/role/DEBTSummaryofLongTermDebtinclunamortizedcostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Senior Notes 2029", "label": "Senior Notes 2029 [Member]", "documentation": "Senior Notes 2029 [Member]" } } }, "auth_ref": [] }, "us-gaap_ServiceMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ServiceMember", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Services and other", "label": "Service [Member]", "documentation": "Assistance, including, but not limited to, technology, license and maintenance, license and service, maintenance, oil and gas, and financial service." } } }, "auth_ref": ["r904"] }, "us-gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Share-based compensation", "label": "Share-Based Payment Arrangement, Noncash Expense", "documentation": "Amount of noncash expense for share-based payment arrangement." } } }, "auth_ref": ["r13"] }, "us-gaap_ShareBasedCompensationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationAbstract", "lang": { "en-us": { "role": { "terseLabel": "Share-based Payment Arrangement, Noncash Expense [Abstract]", "label": "Share-Based Payment Arrangement, Noncash Expense [Abstract]" } } }, "auth_ref": [] }, "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": { "terseLabel": "All Award Types", "label": "Award Type [Domain]", "documentation": "Award under share based payment arrangement." } } }, "auth_ref": ["r547", "r548", "r549", "r550", "r551", "r552", "r553", "r554", "r555", "r556", "r557", "r558", "r559", "r560", "r561", "r562", "r563", "r564", "r565", "r566", "r567", "r568", "r569", "r570", "r571", "r572"] }, "us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardCompensationCost1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SharebasedCompensationArrangementBySharebasedPaymentAwardCompensationCost1", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Share-based Payment Arrangement, Expensed and Capitalized, Amount", "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount", "documentation": "Amount of cost expensed and capitalized for award under share-based payment arrangement." } } }, "auth_ref": ["r573"] }, "us-gaap_ShortMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortMember", "presentation": [
"http://www.keysight.com/role/DERIVATIVESDisclosuresandderivativeinstrumentaggregatednotionalamountsbycurrencyanddesignationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Sell", "label": "Short [Member]", "documentation": "Indicates the sale of a borrowed security or written option." } } }, "auth_ref": [] }, "us-gaap_ShortTermDebtLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtLineItems", "presentation": [
"http://www.keysight.com/role/DEBTletterofcreditsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term Debt [Line Items]", "label": "Short-Term Debt [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_ShortTermDebtTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtTypeAxis", "presentation": ["http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails",
"http://www.keysight.com/role/DEBTletterofcreditsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term Debt, Type [Axis]", "label": "Short-Term Debt, Type [Axis]", "documentation": "Information by type of short-term debt arrangement." } } }, "auth_ref": ["r103", "r1128", "r1129", "r1130"] }, "us-gaap_ShortTermDebtTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtTypeDomain", "presentation": [
"http://www.keysight.com/role/DEBTBridgeLoanFacilityDetails", "http://www.keysight.com/role/DEBTletterofcreditsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term Debt, Type [Domain]", "label": "Short-Term Debt, Type [Domain]", "documentation": "Type of short-term debt arrangement, such as notes, line of credit, commercial paper, asset-based financing, project financing, letter of credit financing." } } }, "auth_ref": ["r101", "r1128", "r1129", "r1130"] }, "us-gaap_ShortTermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermInvestments", "crdr": "debit", "calculation": {
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 4.0 } }, "lang": { "en-us": { "role": { "documentation": "Amount of investments including trading securities, available-for-sale securities, held-to-maturity securities, and short-term investments classified as other and current." } } }, "auth_ref": ["r169", "r170", "r1072"] }, "keys_SoonChaiGooiMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "SoonChaiGooiMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Soon Chai Gooi [Member]", "documentation": "Soon Chai Gooi" } } }, "auth_ref": [] }, "us-gaap_StandardProductWarrantyAccrual": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StandardProductWarrantyAccrual", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/WARRANTIESDetails"], "lang": { "en-us": { "role": { "periodStartLabel": "Beginning balance", "periodEndLabel": "Ending balance", "label": "Standard Product Warranty Accrual", "documentation": "Amount as of the balance sheet date of the aggregate standard product warranty liability. Does not include the balance for the extended product warranty liability." } } }, "auth_ref": ["r1137", "r1140"] }, "us-gaap_StandardProductWarrantyAccrualCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StandardProductWarrantyAccrualCurrent", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/WARRANTIESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accruals for warranties due within one year", "label": "Standard Product Warranty Accrual, Current", "documentation": "Amount as of the balance sheet date of the aggregate standard product warranty liability that is expected to be paid within one year or the normal operating cycle, if longer. Does not include the balance for the extended product warranty liability." } } }, "auth_ref": ["r1137", "r1140"] }, "us-gaap_StandardProductWarrantyAccrualNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StandardProductWarrantyAccrualNoncurrent", "crdr": "credit", "presentation": ["http://www.keysight.com/role/WARRANTIESDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accruals for warranties due after one year", "label": "Standard Product Warranty Accrual, Noncurrent", "documentation": "Amount as of the balance sheet date of the aggregate standard product warranty liability that is expected to be paid after one year or beyond the normal operating cycle, if longer. Does not include the balance for the extended product warranty liability." } } }, "auth_ref": ["r1137", "r1140"] }, "us-gaap_StandardProductWarrantyAccrualPayments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StandardProductWarrantyAccrualPayments", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/WARRANTIESDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Settlements made during the period", "label": "Standard Product Warranty Accrual, Decrease for Payments", "documentation": "Amount of decrease in the standard product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard product warranty. Excludes extended product warranties." } } }, "auth_ref": ["r1138"] }, "us-gaap_StandardProductWarrantyAccrualWarrantiesIssued": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

```
"StandardProductWarrantyAccrualWarrantiesIssued", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/WARRANTIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Accruals for warranties, including change in estimates", "label": "Standard Product Warranty Accrual, Increase for Warranties Issued", "documentation": "Amount of increase in the standard product warranty accrual from warranties issued. Excludes extended product warranties." } } }, "auth_ref": [ "r1139" ] }, "us-gaap_StandardProductWarrantyDescription": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StandardProductWarrantyDescription", "presentation": [ "http://www.keysight.com/role/WARRANTIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Standard Product Warranty Description", "label": "Standard Product Warranty Description", "documentation": "Describes the nature of the product warranty, including the approximate term of the product warranty, how the product warranty arose, and the events or circumstances that would require the warrantor to perform under the product warranty." } } }, "auth_ref": [ "r49", "r50" ] }, "us-gaap_StandardProductWarrantyDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StandardProductWarrantyDisclosureAbstract", "presentation": [ "http://www.keysight.com/role/WARRANTIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Standard Product Warranty Disclosure [Abstract]", "label": "Standard Product Warranty Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StandardProductWarrantyPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StandardProductWarrantyPolicy", "presentation": [ "http://www.keysight.com/role/WARRANTIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Standard Product Warranty, Policy", "label": "Standard Product Warranty, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for standard warranties including the methodology for measuring the liability." } } }, "auth_ref": [ "r1136" ] }, "us-gaap_StatementBusinessSegmentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementBusinessSegmentsAxis", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSGoodwillRollforwardDetails", "http://www.keysight.com/role/REVENUEDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Segments [Axis]", "label": "Segments [Axis]", "documentation": "Information by business segments." } } }, "auth_ref": [ "r173", "r174", "r175", "r176", "r219", "r298", "r301", "r304", "r305", "r306", "r307", "r308", "r309", "r310", "r311", "r312", "r313", "r314", "r315", "r317", "r318", "r319", "r320", "r321", "r322", "r323", "r324", "r326", "r327", "r328", "r333", "r348", "r349", "r350", "r351", "r352", "r353", "r354", "r355", "r356", "r372", "r375", "r383", "r384", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r887", "r890", "r891", "r895", "r947", "r1191", "r1195", "r1196", "r1197", "r1198", "r1199", "r1200", "r1201", "r1202", "r1203", "r1204", "r1205", "r1206", "r1207", "r1208", "r1209", "r1210", "r1211", "r1212", "r1213", "r1214", "r1215", "r1216", "r1217", "r1218", "r1219", "r1220", "r1221", "r1222" ] }, "us-gaap_StatementEquityComponentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementEquityComponentsAxis", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/STOCKHOLDERSEQUITYAccumulatedOtherComprehensiveIncomeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Components [Axis]", "label": "Equity Components [Axis]", "documentation": "Information by component of equity." } } }, "auth_ref": [ "r19", "r113", "r116", "r117", "r216", "r248", "r249", "r250", "r269", "r270", "r271", "r273", "r278", "r280", "r282", "r299", "r338", "r339", "r373", "r448", "r596", "r597", "r603", "r604", "r605", "r607", "r612", "r613", "r625", "r626", "r627", "r628", "r629", "r630", "r633", "r664", "r666", "r667", "r668", "r669", "r671", "r675", "r677", "r686", "r743", "r769", "r770", "r771", "r780", "r834" ] }, "srt_StatementGeographicalAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "StatementGeographicalAxis", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Geographical [Axis]", "label": "Geographical [Axis]", "documentation": "Information by geographical components." } } }, "auth_ref": [ "r186", "r187", "r188", "r189", "r196", "r197", "r198", "r199", "r200", "r201", "r202", "r203", "r204", "r205", "r331", "r332", "r694", "r695", "r696", "r697", "r698", "r699", "r700", "r701", "r702", "r703", "r704", "r705", "r706", "r707", "r708", "r709", "r710", "r711", "r712", "r713", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r783", "r784", "r785", "r839", "r840", "r841", "r856", "r859", "r862", "r863", "r864", "r865", "r866", "r867", "r868", "r869", "r870", "r875", "r905", "r935", "r936", "r937", "r938", "r939", "r940", "r941", "r942", "r946", "r952", "r1147", "r1191", "r1195", "r1196", "r1198", "r1199", "r1200", "r1201", "r1202", "r1203", "r1204", "r1205", "r1206", "r1207", "r1208", "r1209", "r1210", "r1211", "r1212", "r1213", "r1214", "r1215", "r1216", "r1217", "r1218", "r1219", "r1220", "r1221", "r1222" ] }, "us-gaap_StatementLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementLineItems", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails", "http://www.keysight.com/role/REVENUEContractAssetsDetails", "http://www.keysight.com/role/SUPPLEMENTALCASHFLOWINFORMATIONCashcashequivalentsanrestrictedcashreconciliationDetails" ], "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": [ "r269", "r270", "r271", "r299", "r677", "r691", "r775", "r781", "r788", "r789", "r790", "r791", "r792", "r793", "r796", "r799", "r800", "r801", "r802", "r803", "r804", "r805", "r806", "r807", "r809", "r810", "r811", "r812", "r813", "r815", "r817", "r818", "r820", "r821", "r822", "r823", "r824", "r825", "r826", "r827", "r828", "r829", "r830", "r831", "r834", "r953" ] }, "us-gaap_StatementOfCashFlowsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfCashFlowsAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Cash Flows [Abstract]", "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": { "terseLabel": "Statement of Financial Position [Abstract]", "label": "Statement of Financial Position [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfIncomeAndComprehensiveIncomeAbstract", "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": { "terseLabel": "Statement of Stockholders' Equity [Abstract]", "label": "Statement of Stockholders' Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementTable", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited", "http://www.keysight.com/role/REVENUECONTRACTLIABILITIESROLLFORWARDDetails", "http://www.keysight.com/role/REVENUEContractAssetsDetails" ], "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": [ "r269", "r270", "r271", "r299", "r334", "r677", "r691", "r775", "r781", "r788", "r789", "r790", "r791", "r792", "r793", "r796", "r799", "r800", "r801", "r802", "r803", "r804", "r805", "r806", "r807", "r809", "r810", "r811", "r812", "r813", "r815", "r817", "r818", "r820", "r821", "r822", "r823", "r824", "r825", "r826", "r827", "r828", "r829", "r830", "r831", "r834", "r953" ] }, "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": { "terseLabel": "Stock Price or TSR Estimation Method", "label": "Stock Price or TSR Estimation Method [Text Block]" } } }, "auth_ref": [ "r972", "r982", "r992", "r1024" ] }, "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": { "terseLabel": "Stock Appreciation Rights (SARs)", "label": "Stock Appreciation Rights (SARs) [Member]", "documentation": "Right to receive cash or shares equal to appreciation of predetermined number of grantor's shares during predetermined time period." } } }, "auth_ref": [] }, "us-gaap_StockIssuedDuringPeriodSharesShareBasedCompensation": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodSharesShareBasedCompensation", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "Issuance of common stock (shares)", "label": "Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture", "documentation": "Number, after forfeiture, of shares or units issued under share-based payment arrangement. Excludes shares or units issued under employee stock ownership plan (ESOP)." } } }, "auth_ref": [ "r19", "r112", "r113", "r150" ] }, "keys_StockOptionsLtppAndRestrictedStockCombinedExercisePriceUnamortizedFairValueExcessTaxBenefitsOrShortfallsGreaterThanAverageMarketPriceMemberMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "StockOptionsLtppAndRestrictedStockCombinedExercisePriceUnamortizedFairValueExcessTaxBenefitsOrShortfallsGreaterThanAverageMarketPriceMemberMember", "presentation": [ "http://www.keysight.com/role/NETINCOMEPERSHARENarrativesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Stock Options, ESPP, LTPP and restricted stock combined exercise price, unamortized fair value, excess tax benefits or shortfalls greater than average market price", "label": "Stock Options, LTPP and restricted stock combined exercise price, unamortized fair value, excess tax benefits or shortfalls greater than average market price [Member] [Member]", "documentation": "Stock Options, LTPP and restricted stock combined exercise price, unamortized fair value, excess tax benefits or shortfalls greater than average market price [Member] [Member]" } } }, "auth_ref": [] }, "srt_StockRepurchaseProgramAuthorizedAmount1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "StockRepurchaseProgramAuthorizedAmount1", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Stock Repurchase Program, Authorized Amount", "label": "Share Repurchase Program, Authorized, Amount", "documentation": "Amount authorized for purchase of share under share repurchase plan. Includes, but is not limited to, repurchase of stock and unit of ownership." } } }, "auth_ref": [ "r1145" ] }, "us-gaap_StockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquity", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "totalLabel": "Total stockholders' 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": [ "r113", "r116", "r117", "r143", "r798", "r814", "r835", "r836", "r933", "r962", "r1085", "r1102", "r1180", "r1225" ] }, "us-gaap_StockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityAbstract", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ], "lang": { "en-us": { "role": { "verboseLabel": "Stockholders' equity:", "terseLabel": "Stockholders' equity:", "label": "Equity, Attributable to Parent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StockholdersEquityAverageAmountOutstanding": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityAverageAmountOutstanding", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Stockholders' Equity, Average Amount Outstanding", "label": "Stockholders' Equity, Average Amount Outstanding", "documentation": "Average amount outstanding of stockholders' equity." } } }, "auth_ref": [ "r1057", "r1058" ] }, "us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "crdr": "credit", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "periodStartLabel": "Stockholders' Equity, Balance beginning", "periodEndLabel": "Stockholders' Equity, Balance ending", "label": "Equity, Including Portion Attributable to Noncontrolling Interest", "documentation": "Amount of equity (deficit) attributable to parent and noncontrolling interest. Excludes temporary equity." } } }, "auth_ref": [ "r75", "r76", "r78", "r216", "r217", "r249", "r269", "r270", "r271", "r273", "r278", "r280", "r338", "r339", "r373", "r448", "r596", "r597", "r603", "r604", "r605", "r607", "r612", "r613", "r625", "r626", "r627", "r628", "r629", "r630", "r633", "r664", "r666", "r671", "r676", "r686", "r770", "r771", "r778", "r798", "r814", "r835", "r836", "r857", "r961", "r1085", "r1102", "r1180", "r1225" ] }, "us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterestAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityIncludingPortionAttributableToNoncontrollingInterestAbstract", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Stockholders' Equity, Including Portion Attributable to Noncontrolling Interest [Abstract]", "label": "Equity, Including Portion Attributable to Noncontrolling Interest [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StockholdersEquityNoteDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
```

```
"StockholdersEquityNoteDisclosureTextBlock", "presentation": [ "http://www.keysight.com/role/STOCKHOLDERSEQUITY" ], "lang": { "en-us": { "role": { "terseLabel": "STOCKHOLDERS EQUITY", "label": "Equity [Text Block]", "documentation": "The entire disclosure for equity." } } }, "auth_ref": [ "r147", "r264", "r435", "r437", "r438", "r439", "r440", "r441", "r442", "r443", "r444", "r445", "r446", "r447", "r448", "r632", "r837", "r838", "r858" ] }, "us-gaap_SubsegmentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsegmentsAxis", "presentation": [ "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsegments [Axis]", "label": "Subsegments [Axis]", "documentation": "Information by business subsegments." } } }, "auth_ref": [] }, "us-gaap_SubsegmentsConsolidationItemsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsegmentsConsolidationItemsAxis", "presentation": [ "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsegments Consolidation Items [Axis]", "label": "Subsegments Consolidation Items [Axis]", "documentation": "Information by subsegments, eliminations and reconciling items used in consolidating a reportable segment and its subsegments." } } }, "auth_ref": [] }, "us-gaap_SubsegmentsConsolidationItemsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsegmentsConsolidationItemsDomain", "presentation": [ "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsegments Consolidation Items [Domain]", "label": "Subsegments Consolidation Items [Domain]", "documentation": "Subsegments, eliminations and reconciling items used in consolidating a reportable segment and its subsegments." } } }, "auth_ref": [] }, "us-gaap_SubsegmentsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsegmentsDomain", "presentation": [ "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsegments [Domain]", "label": "Subsegments [Domain]", "documentation": "Divisions of a component 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": [] }, "us-gaap_SupplementalCashFlowElementsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SupplementalCashFlowElementsAbstract", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Supplemental Cash Flow Elements [Abstract]", "label": "Supplemental Cash Flow Elements [Abstract]" } } }, "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": { "terseLabel": "Tabular List, Table", "label": "Tabular List [Table Text Block]" } } }, "auth_ref": [ "r1018" ] }, "us-gaap_TaxAdjustmentsSettlementsAndUnusualProvisions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxAdjustmentsSettlementsAndUnusualProvisions", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/INCOMETAXESDetails", "http://www.keysight.com/role/INCOMETAXESINCOMETAXESIncometaxexaminationDetails", "http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Tax Adjustments, Settlements, and Unusual Provisions", "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": [ "r1158" ] }, "us-gaap_TaxesPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxesPayableCurrent", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 5.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Income and other taxes payable", "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": [ "r103", "r104" ] }, "us-gaap_TimingOfTransferOfGoodOrServiceAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TimingOfTransferOfGoodOrServiceAxis", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Timing of Transfer of Good or Service [Axis]", "label": "Timing of Transfer of Good or Service [Axis]", "documentation": "Information by timing of transfer of good or service to customer." } } }, "auth_ref": [ "r909", "r1147" ] }, "us-gaap_TimingOfTransferOfGoodOrServiceDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TimingOfTransferOfGoodOrServiceDomain", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Timing of Transfer of Good or Service [Domain]", "label": "Timing of Transfer of Good or Service [Domain]", "documentation": "Timing of transfer of good or service to customer. Includes, but is not limited to, at point in time or over time." } } }, "auth_ref": [ "r909", "r1147" ] }, "keys_TotalSegmentsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.keysight.com/20240731", "localname": "TotalSegmentsMember", "presentation": [ "http://www.keysight.com/role/SEGMENTINFORMATIONASSETSDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONProfitabilityDetails", "http://www.keysight.com/role/SEGMENTINFORMATIONReconciliationofReportableResultsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total segments", "label": "Total segments [Member]", "documentation": "Total segments" } } }, "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": { "terseLabel": "Total Shareholder Return Amount", "label": "Total Shareholder Return Amount" } } }, "auth_ref": [ "r1010" ] }, "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": { "terseLabel": "Total Shareholder Return Vs Peer Group", "label": "Total Shareholder Return Vs Peer Group [Text Block]" } } }, "auth_ref": [ "r1017" ] }, "us-gaap_TrademarksAndTradeNamesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TrademarksAndTradeNamesMember", "presentation": [ "http://www.keysight.com/role/ACQUISITIONSIntangibleAssetsAcquiredDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Trademarks and Trade Names", "label": "Trademarks and Trade Names [Member]", "documentation": "Rights acquired through registration of a trademark to gain or protect exclusive use of a business name, symbol or other device or style, or rights either acquired through registration of a business name to gain or protect exclusive use thereof." } } }, "auth_ref": [ "r72", "r1116", "r1117", "r1118", "r1119", "r1120", "r1121", "r1122", "r1124", "r1125", "r1126" ] }, "us-gaap_TrademarksMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TrademarksMember", "presentation": [ "http://www.keysight.com/role/GOODWILLANDOTHERINTANGIBLEASSETSDisclosuresandComponentsofPurchasedOtherIntangiblesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Trademark/Tradename", "label": "Trademarks [Member]", "documentation": "Rights acquired through registration of a trademark to gain or protect exclusive use of a business name, symbol or other device or style." } } }, "auth_ref": [ "r72", "r896", "r1116", "r1117", "r1118", "r1119", "r1120", "r1121", "r1122", "r1124", "r1125", "r1126" ] }, "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": { "terseLabel": "Trading Arrangement, Individual [Axis]" } } }, "auth_ref": [ "r1037" ] }, "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": { "terseLabel": "Trading Arrangements, by Individual", "label": "Trading Arrangements, by Individual [Table]" } } }, "auth_ref": [ "r1039" ] }, "us-gaap_TradingSecuritiesAndCertainTradingAssetsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TradingSecuritiesAndCertainTradingAssetsTextBlock", "presentation": [ "http://www.keysight.com/role/FAIRVALUEMEASUREMENTSTables" ], "lang": { "en-us": { "role": { "terseLabel": "Debt Securities, Trading, and Equity Securities, FV-NI", "label": "Debt Securities, Trading, and Equity Securities, FV-NI [Table Text Block]", "documentation": "Tabular disclosure of investment in debt security measured at fair value with change in fair value recognized in net income (trading) and investment in equity security measured at fair value with change in fair value recognized in net income (FV-NI)." } } }, "auth_ref": [ "r655" ] }, "dei_TradingSymbol": { "xbrltype": "tradingSymbolItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "TradingSymbol", "presentation": [ "http://www.keysight.com/role/CoverPage" ], "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_TransferredAtPointInTimeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TransferredAtPointInTimeMember", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Revenue recognized at a point in time", "label": "Transferred at Point in Time [Member]", "documentation": "Contract with customer in which good or service is transferred at point in time." } } }, "auth_ref": [ "r909" ] }, "us-gaap_TransferredOverTimeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TransferredOverTimeMember", "presentation": [ "http://www.keysight.com/role/REVENUEDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Revenue recognized over time", "label": "Transferred over Time [Member]", "documentation": "Contract with customer in which good or service is transferred over time." } } }, "auth_ref": [ "r909" ] }, "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": { "terseLabel": "Adoption Date", "label": "Trading Arrangement Adoption Date" } } }, "auth_ref": [ "r1040" ] }, "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": { "terseLabel": "Arrangement Duration", "label": "Trading Arrangement Duration" } } }, "auth_ref": [ "r1041" ] }, "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": { "terseLabel": "Expiration Date", "label": "Trading Arrangement Expiration Date" } } }, "auth_ref": [ "r1041" ] }, "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": { "terseLabel": "Name", "label": "Trading Arrangement, Individual Name" } } }, "auth_ref": [ "r1039" ] }, "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": { "terseLabel": "Title", "label": "Trading Arrangement, Individual Title" } } }, "auth_ref": [ "r1039" ] }, "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": { "terseLabel": "Aggregate Available", "label": "Trading Arrangement, Securities Aggregate Available Amount" } } }, "auth_ref": [ "r1042" ] }, "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": { "terseLabel": "Termination Date", "label": "Trading Arrangement Termination Date" } } }, "auth_ref": [ "r1040" ] }, "us-gaap_TreasuryLockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryLockMember", "presentation": [ "http://www.keysight.com/role/DERIVATIVESACQUISITIONDetails", "http://www.keysight.com/role/DERIVATIVESDerivativeinterestrateswapsDetails", "http://www.keysight.com/role/DERIVATIVESEffectofderivativeinstrumentsonConsolidatedStatementofOperationsDetails", "http://www.keysight.com/role/DERIVATIVESFairvalueofderivativeinstrumentsandConsolidatedBalanceSheetlocationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Treasury Lock", "label": "Treasury Lock [Member]", "documentation": "Customized agreement that fixes the yield or price on a specified treasury security for a specific period." } } }, "auth_ref": [] }, "us-gaap_TreasuryStockCommonMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockCommonMember", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "Treasury Stock, Common", "label": "Treasury Stock, Common [Member]", "documentation": "Previously issued common shares repurchased by the issuing entity and held in treasury." } } }, "auth_ref": [ "r55" ] }, "us-gaap_TreasuryStockCommonShares": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockCommonShares", "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnauditedParenthetical", "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement" ], "lang": { "en-us": { "role": { "terseLabel": "Treasury Stock, Common, Shares", "periodStartLabel": "Treasury Stock, Shares beginning", "periodEndLabel": "Treasury Stock, Shares ending", "label": "Treasury Stock, Common, Shares", "documentation": "Number of previously issued common shares repurchased by the issuing entity and held in treasury." } } }, "auth_ref": [ "r55" ] }, "us-gaap_TreasuryStockCommonValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockCommonValue", "crdr": "debit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": -1.0, "order": 3.0 } }, "presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETUnaudited" ], "lang": { "en-us": { "role": { "terseLabel": "Treasury stock, at cost; 27.5 million shares and 25.4 million shares, respectively", "label": "Treasury Stock, Common, Value", "documentation": "Amount allocated to
```

```
previously issued common shares repurchased by the issuing entity and held in treasury." } } }, "auth_ref": [ "r55", "r56", "r116" ] }, "us-gaap_TreasuryStockSharesAcquired": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockSharesAcquired", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement",
"http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Treasury Stock, Shares, Acquired", "verboseLabel": "Treasury Stock, Shares, Acquired", "label": "Treasury Stock, Shares, Acquired", "documentation": "Number of shares that have been repurchased during the period and are being held in treasury." } } }, "auth_ref": [ "r19", "r113", "r150" ] }, "us-gaap_TreasuryStockTransactionsExcludingValueOfSharesReissuedAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockTransactionsExcludingValueOfSharesReissuedAbstract", "lang": { "en-us": { "role": { "terseLabel": "Treasury Stock Transactions, Excluding Value of Shares Reissued [Abstract]", "label": "Treasury Stock Transactions, Excluding Value of Shares Reissued [Abstract]" } } }, "auth_ref": [] }, "us-gaap_TreasuryStockValueAcquiredCostMethod": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockValueAcquiredCostMethod", "crdr": "debit", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFEQUITYStatement",
"http://www.keysight.com/role/STOCKHOLDERSEQUITYStockRepurchaseProgramDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Repurchase of common stock", "terseLabel": "Treasury Stock, Value, Acquired, Cost Method", "label": "Treasury Stock, Value, Acquired, Cost Method", "documentation": "Equity impact of the cost of common and preferred stock that were repurchased during the period. Recorded using the cost method." } } }, "auth_ref": [ "r19", "r55", "r150" ] }, "country_US": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "US", "presentation": [
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSContributionsDetails",
"http://www.keysight.com/role/RETIREMENTPLANSANDPOSTRETIREMENTPENSIONPLANSNetPensionandpostretirementbenefitcostbenefitcomponentsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "United States", "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": { "terseLabel": "Underlying Security Market Price Change", "label": "Underlying Security Market Price Change, Percent" } } }, "auth_ref": [ "r1036" ] }, "us-gaap_UnrealizedGainLossOnInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrealizedGainLossOnInvestments", "crdr": "credit", "calculation": { "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFCASHFLOWSUnaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 7.0 } }, "lang": { "en-us": { "role": { "documentation": "Amount of unrealized gain (loss) on investment." } } }, "auth_ref": [ "r14" ] }, "us-gaap_UnrecordedUnconditionalPurchaseObligationBalanceSheetAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrecordedUnconditionalPurchaseObligationBalanceSheetAmount", "crdr": "credit", "presentation": [
"http://www.keysight.com/role/COMMITMENTSANDCONTINGENCIESDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Unrecorded Unconditional Purchase Obligation", "label": "Unrecorded Unconditional Purchase Obligation", "documentation": "Amount of unrecorded obligation to transfer funds in future for fixed or minimum amount or quantity of product and service at fixed or minimum price. Includes, but is not limited to, lease not yet commenced and take-or-pay and throughput contracts." } } }, "auth_ref": [ "r386", "r1185" ] }, "us-gaap_VariableLeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableLeaseCost", "crdr": "debit", "presentation": [ "http://www.keysight.com/role/LeaseDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Variable lease cost", "label": "Variable Lease, Cost", "documentation": "Amount of variable lease cost, excluded from lease liability, recognized when obligation for payment is incurred for finance and operating leases." } } }, "auth_ref": [ "r682", "r932" ] }, "us-gaap_VariableRateAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableRateAxis", "presentation": [ "http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Variable Rate [Axis]", "label": "Variable Rate [Axis]", "documentation": "Information by type of variable rate." } } }, "auth_ref": [] }, "us-gaap_VariableRateDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableRateDomain", "presentation": [
"http://www.keysight.com/role/DEBTESIassumedDetails", "http://www.keysight.com/role/DEBTShortTermDebtRevolvingCreditFacilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Variable Rate [Domain]", "label": "Variable Rate [Domain]", "documentation": "Interest rate that fluctuates over time as a result of an underlying benchmark interest rate or index." } } }, "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": { "terseLabel": "Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year", "label": "Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year [Member]" } } }, "auth_ref": [ "r1006" ] }, "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfDilutedSharesOutstanding", "calculation": {
"http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHAREComputationDetails": { "parentTag": null, "weight": null, "order": null, "root": true } },
"presentation": [ "http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited",
"http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHAREComputationDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Diluted (in shares)", "totalLabel": "Diluted weighted-average shares", "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": [ "r285", "r293" ] }, "us-gaap_WeightedAverageNumberOfSharesOutstandingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfSharesOutstandingAbstract", "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited" ], "lang": { "en-us": { "role": { "verboseLabel": "Weighted average shares used in computing net income per share:", "label": "Weighted Average Number of Shares Outstanding, Diluted [Abstract]" } } }, "auth_ref": [] }, "us-gaap_WeightedAverageNumberOfSharesOutstandingBasic": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfSharesOutstandingBasic", "calculation": { "http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHAREComputationDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.keysight.com/role/CONDENSEDCONSOLIDATEDSTATEMENTOFOPERATIONSUnaudited",
"http://www.keysight.com/role/NETINCOMEPERSHARENETINCOMEPERSHAREComputationDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Basic (in shares)", "terseLabel": "Basic weighted-average shares", "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": [ "r284", "r293" ] },
"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": { "terseLabel": "Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested", "label": "Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested [Member]" } } }, "auth_ref": [ "r1004" ] } } } }, "std_ref": { "r0": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "16", "SubTopic": "10", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479405/805-10-25-16" }, "r1": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "6", "SubTopic": "10", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479405/805-10-25-6" }, "r2": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "7", "SubTopic": "10", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479405/805-10-25-7" }, "r3": { "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" }, "r4": { "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" }, "r5": { "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" }, "r6": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(d)", "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": "10A", "Subparagraph": "(j)", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r8": { "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" }, "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": "15", "Subparagraph": "(f)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "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": "28", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r14": { "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" }, "r15": { "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" }, "r16": { "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" }, "r17": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(2)", "SubTopic": "10", "Topic": "810", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r18": { "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" }, "r19": { "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" }, "r20": { "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" }, "r21": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r22": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(4)", "SubTopic": "10", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r23": { "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" }, "r24": { "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" }, "r25": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(c)(2)", "SubTopic": "20", "Topic": "860", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4D" }, "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": "13", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r34": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "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": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-2" }, "r37": { "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" }, "r38": { "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" }, "r39": { "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" }, "r40": { "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" }, "r41": { "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" }, "r42": { "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" }, "r43": { "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" }, "r44": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "30", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r45": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "30", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r46": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "31", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-31" }, "r47": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "350", "SubTopic": "30", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r48": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "360", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-1" }, "r49": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "460", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-4" }, "r50": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "460", "SubTopic": "10", "Section": "50", "Paragraph": "8", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-8" }, "r51": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "470", "SubTopic": "10", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-5" }, "r52": { "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" }, "r53": { "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" }, "r54": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "S99", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480008/505-10-S99-1" }, "r55": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "30", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481549/505-30-45-1" }, "r56": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "30", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481520/505-30-50-4" }, "r57": { "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" }, "r58": { "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" }, "r59": { "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" }, "r60": { "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" }, "r61": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "718", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r62": { "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" }, "r63": { "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" }, "r64": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "10", "Section": "25", "Paragraph": "23", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479405/805-10-25-23" }, "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": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r67": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r68": { "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" }, "r69": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "10", "Section": "55", "Paragraph": "37", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479303/805-10-55-37" }, "r70": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "20", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479907/805-20-50-1" }, "r71": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "20", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479907/805-20-50-1" }, "r72": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "20", "Section": "55", "Paragraph": "14", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479876/805-20-55-14" }, "r73": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "20", "Section": "55", "Paragraph": "20", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479876/805-20-55-20" }, "r74": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "20", "Section": "55", "Paragraph": "20", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479876/805-20-55-20" }, "r75": { "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" }, "r76": { "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" }, "r77": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "45", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-24" }, "r78": { "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" }, "r79": { "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" }, "r80": { "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" }, "r81": { "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" }, "r82": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "1A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1A" }, "r83": { "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" }, "r84": { "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" }, "r85": { "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" }, "r86": { "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" }, "r87": { "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" }, "r88": { "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" }, "r89": { "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" }, "r90": { "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" }, "r91": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4C", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4C" }, "r92": { "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" }, "r93": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4H", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4H" }, "r94": { "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" }, "r95": { "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" }, "r96": { "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" }, "r97": { "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" }, "r98": { "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" }, "r99": { "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" }, "r100": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "942", "SubTopic": "470", "Section": "50", "Paragraph": "3", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477734/942-470-50-3" }, "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(19)(a))", "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(19)(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(19))", "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(20))", "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(21))", "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(22)(a)(1))", "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(22)(b))", "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(23))", "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(24))", "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(25))", "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(26))", "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(28))", "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(29))", "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(30)(a)(1))", "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(30)(a)(3))", "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(30))", "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(31))", "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(32))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r119": { "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" }, "r120": { "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" }, "r121": { "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" }, "r122": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483444/210-20-55-7" }, "r123": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r124": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r125": { "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" }, "r126": { "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" }, "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(10))", "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(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r129": { "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)(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r130": { "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" }, "r131": { "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" }, "r132": { "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" }, "r133": { "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" }, "r134": { "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)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r135": { "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" }, "r136": { "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" }, "r137": { "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" }, "r138": { "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" }, "r139": { "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" }, "r140": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "235", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/235/tableOfContent" }, "r141": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "250", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/250/tableOfContent" }, "r142": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "275", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/275/tableOfContent" }, "r143": { "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" }, "r144": { "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" }, "r145": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "440", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/440/tableOfContent" }, "r146": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "470", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/470/tableOfContent" }, "r147": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/505/tableOfContent" }, "r148": { "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" }, "r149": { "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" }, "r150": { "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" }, "r151": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "805", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/805/tableOfContent" }, "r152": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Paragraph": "1", "Section": "50", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479907/805-20-50-1" }, "r153": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "38", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479876/805-20-55-38" }, "r154": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/810/tableOfContent" }, "r155": { "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" }, "r156": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-23" }, "r157": { "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" }, "r158": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/815/tableOfContent" }, "r159": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic":

"10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4B" }, "r160": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4B" }, "r161": { "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" }, "r162": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4C", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4C" }, "r163": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4C", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4C" }, "r164": { "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" }, "r165": { "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" }, "r166": { "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" }, "r167": { "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" }, "r168": { "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" }, "r169": { "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(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r170": { "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(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r171": { "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" }, "r172": { "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" }, "r173": { "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" }, "r174": { "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" }, "r175": { "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" }, "r176": { "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" }, "r177": { "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" }, "r178": { "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" }, "r179": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "606", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-13" }, "r180": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(b)(1)", "SubTopic": "10", "Topic": "606", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-13" }, "r181": { "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" }, "r182": { "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" }, "r183": { "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" }, "r184": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Topic": "606", "Publisher": "FASB", "URI": "https://asc.fasb.org/606/tableOfContent" }, "r185": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "04", "Paragraph": "a", "Publisher": "SEC" }, "r186": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12", "Paragraph": "Column C", "Footnote": "5", "Publisher": "SEC" }, "r187": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12A", "Paragraph": "Column C", "Footnote": "4", "Publisher": "SEC" }, "r188": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12B", "Paragraph": "Column C", "Footnote": "2", "Publisher": "SEC" }, "r189": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "14", "Paragraph": "Column F", "Footnote": "7", "Publisher": "SEC" }, "r190": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column A", "Publisher": "SEC" }, "r191": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column B", "Publisher": "SEC" }, "r192": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column C", "Publisher": "SEC" }, "r193": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column D", "Publisher": "SEC" }, "r194": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column E", "Publisher": "SEC" }, "r195": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column F", "Publisher": "SEC" }, "r196": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column A", "Footnote": "2", "Publisher": "SEC" }, "r197": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column B", "Publisher": "SEC" }, "r198": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column C", "Publisher": "SEC" }, "r199": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column D", "Publisher": "SEC" }, "r200": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column E", "Publisher": "SEC" }, "r201": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column F", "Publisher": "SEC" }, "r202": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column G", "Publisher": "SEC" }, "r203": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column H", "Publisher": "SEC" }, "r204": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column I", "Publisher": "SEC" }, "r205": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "29", "Paragraph": "Column A", "Footnote": "4", "Publisher": "SEC" }, "r206": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(i)", "Publisher": "SEC" }, "r207": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iii)(A)", "Publisher": "SEC" }, "r208": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iii)(B)", "Publisher": "SEC" }, "r209": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iv)", "Publisher": "SEC" }, "r210": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(i)", "Publisher": "SEC" }, "r211": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iii)(A)", "Publisher": "SEC" }, "r212": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iii)(B)", "Publisher": "SEC" }, "r213": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iii)(C)", "Publisher": "SEC" }, "r214": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iv)", "Publisher": "SEC" }, "r215": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Staff Accounting Bulletin (SAB)", "Number": "Topic 11", "Section": "L", "Publisher": "SEC" }, "r216": { "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" }, "r217": { "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" }, "r218": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "205", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483504/205-10-50-1" }, "r219": { "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" }, "r220": { "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" }, "r221": { "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" }, "r222": { "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" }, "r223": { "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" }, "r224": { "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(12))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r225": { "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" }, "r226": { "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(16))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r227": { "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" }, "r228": { "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" }, "r229": { "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(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r230": { "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(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r231": { "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(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r232": { "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" }, "r233": { "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" }, "r234": { "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(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r235": { "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" }, "r236": { "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" }, "r237": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483466/210-20-50-3" }, "r238": { "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" }, "r239": { "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" }, "r240": { "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" }, "r241": { "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" }, "r242": { "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" }, "r243": { "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" }, "r244": { "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" }, "r245": { "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" }, "r246": { "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" }, "r247": { "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" }, "r248": { "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" }, "r249": { "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" }, "r250": { "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" }, "r251": { "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" }, "r252": { "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" }, "r253": { "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" }, "r254": { "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" }, "r255": { "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" }, "r256": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-17" }, "r257": { "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" }, "r258": { "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" }, "r259": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-25" }, "r260": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-2" }, "r261": { "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" }, "r262": { "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" }, "r263": { "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" }, "r264": { "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(e)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r265": { "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" }, "r266": { "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)(1)(Note 1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r267": { "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" }, "r268": { "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" }, "r269": { "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" }, "r270": { "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" }, "r271": { "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" }, "r272": { "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" }, "r273": { "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" }, "r274": { "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" }, "r275": { "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" }, "r276": { "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" }, "r277": { "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" }, "r278": { "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" }, "r279": { "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" }, "r280": { "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" }, "r281": { "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" }, "r282": { "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" }, "r283": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/260/tableOfContent" }, "r284": { "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" }, "r285": { "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" }, "r286": { "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" }, "r287": { "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" }, "r288": { "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" }, "r289": { "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" }, "r290": { "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" }, "r291": { "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" }, "r292": { "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" }, "r293": { "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" }, "r294": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-1" }, "r295": { "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" }, "r296": { "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" }, "r297": { "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" }, "r298": { "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" }, "r299": { "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" }, "r300": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/280/tableOfContent" }, "r301": { "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" }, "r302": { "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" }, "r303": { "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" }, "r304": { "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" }, "r305": { "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" }, "r306": { "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" }, "r307": { "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" }, "r308": { "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" }, "r309": { "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" }, "r310": { "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" }, "r311": { "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" }, "r312": { "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" }, "r313": { "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" }, "r314": { "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" }, "r315": { "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" }, "r316": { "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" }, "r317": { "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" }, "r318": { "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" }, "r319": { "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" }, "r320": { "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" }, "r321": { "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" }, "r322": { "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" }, "r323": { "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" }, "r324": { "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" }, "r325": { "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" }, "r326": { "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" }, "r327": { "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" }, "r328": { "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" }, "r329": { "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" }, "r330": { "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" }, "r331": { "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" }, "r332": { "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" }, "r333": { "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" }, "r334": { "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" }, "r335": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "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" }, "r336": { "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" }, "r337": { "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" }, "r338": { "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" }, "r339": { "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" }, "r340": { "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" }, "r341": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "340", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "05", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482955/340-10-05-5" }, "r342": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "340", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483032/340-10-45-1" }, "r343": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "340", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479483/340-40-50-3" }, "r344": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "340", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479483/340-40-50-3" }, "r345": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480265/350-10-S45-1" }, "r346": { "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" }, "r347": { "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" }, "r348": { "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" }, "r349": { "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" }, "r350": { "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" }, "r351": { "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" }, "r352": { "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" }, "r353": { "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" }, "r354": { "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" }, "r355": { "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" }, "r356": { "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" }, "r357": { "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" }, "r358": { "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" }, "r359": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482686/350-30-45-1" }, "r360": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482686/350-30-45-2" }, "r361": { "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" }, "r362": { "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" }, "r363": { "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" }, "r364": { "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" }, "r365": { "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" }, "r366": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r367": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r368": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r369": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r370": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r371": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r372": { "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" }, "r373": { "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" }, "r374": { "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" }, "r375": { "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" }, "r376": { "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" }, "r377": { "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" }, "r378": { "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" }, "r379": { "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" }, "r380": { "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" }, "r381": { "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" }, "r382": { "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" }, "r383": { "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" }, "r384": { "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" }, "r385": { "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" }, "r386": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "440", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482648/440-10-50-4" }, "r387": { "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" }, "r388": { "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" }, "r389": { "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" }, "r390": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-2" }, "r391": { "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" }, "r392": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-8" }, "r393": { "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" }, "r394": { "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" }, "r395": { "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" }, "r396": { "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" }, "r397": { "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" }, "r398": { "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" }, "r399": { "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" }, "r400": { "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" }, "r401": { "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" }, "r402": { "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" }, "r403": { "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" }, "r404": { "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" }, "r405": { "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" }, "r406": { "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" }, "r407": { "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" }, "r408": { "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" }, "r409": { "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" }, "r410": { "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" }, "r411": { "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" }, "r412": { "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" }, "r413": { "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" }, "r414": { "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" }, "r415": { "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" }, "r416": { "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" }, "r417": { "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" }, "r418": { "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" }, "r419": { "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" }, "r420": { "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" }, "r421": { "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" }, "r422": { "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" }, "r423": { "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" }, "r424": { "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" }, "r425": { "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" }, "r426": { "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" }, "r427": { "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" }, "r428": { "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" }, "r429": { "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" }, "r430": { "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" }, "r431": { "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" }, "r432": { "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" }, "r433": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-4" }, "r434": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-4" }, "r435": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r436": { "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" }, "r437": { "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" }, "r438": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r439": { "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" }, "r440": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r441": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-14" }, "r442": { "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" }, "r443": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-14" }, "r444": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "16", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-16" }, "r445": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r446": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r447": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r448": { "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" }, "r449": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479837/606-10-45-1" }, "r450": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479837/606-10-45-2" }, "r451": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479837/606-10-45-3" }, "r452": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-10" }, "r453": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r454": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r455": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r456": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r457": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r458": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-13" }, "r459": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-15" }, "r460": { "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" }, "r461": { "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" }, "r462": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-8" }, "r463": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-8" }, "r464": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-9" }, "r465": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/715/tableOfContent" }, "r466": { "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" }, "r467": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "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" }, "r468": { "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" }, "r469": { "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" }, "r470": { "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" }, "r471": { "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" }, "r472": { "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" }, "r473": { "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" }, "r474": { "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" }, "r475": { "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" }, "r476": { "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" }, "r477": { "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" }, "r478": { "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" }, "r479": { "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" }, "r480": { "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" }, "r481": { "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" }, "r482": { "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" }, "r483": { "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" }, "r484": { "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" }, "r485": { "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" }, "r486": { "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" }, "r487": { "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" }, "r488": { "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" }, "r489": { "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" }, "r490": { "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" }, "r491": { "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" }, "r492": { "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" }, "r493": { "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" }, "r494": { "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" }, "r495": { "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" }, "r496": { "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" }, "r497": { "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" }, "r498": { "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" }, "r499": { "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" }, "r500": { "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" }, "r501": { "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" }, "r502": { "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" }, "r503": { "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" }, "r504": { "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" }, "r505": { "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" }, "r506": { "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" }, "r507": { "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" }, "r508": { "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" }, "r509": { "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" }, "r510": { "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" }, "r511": { "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" }, "r512": { "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" }, "r513": { "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" }, "r514": { "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" }, "r515": { "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" }, "r516": { "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" }, "r517": { "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" }, "r518": { "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" }, "r519": { "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" }, "r520": { "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" }, "r521": { "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" }, "r522": { "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" }, "r523": { "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" }, "r524": { "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" }, "r525": { "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" }, "r526": { "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" }, "r527": { "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" }, "r528": { "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" }, "r529": { "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" }, "r530": { "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" }, "r531": { "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" }, "r532": { "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" }, "r533": { "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" }, "r534": { "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" }, "r535": { "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" }, "r536": { "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" }, "r537": { "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" }, "r538": {

```
"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" }, "r539": { "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" }, "r540": { "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" }, "r541": { "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" }, "r542": { "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" }, "r543": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/718/tableOfContent" }, "r544": { "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" }, "r545": { "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" }, "r546": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r547": { "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" }, "r548": { "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" }, "r549": { "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" }, "r550": { "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" }, "r551": { "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" }, "r552": { "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" }, "r553": { "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" }, "r554": { "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" }, "r555": { "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/1943274/2147480429/718-10-50-2" }, "r556": { "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" }, "r557": { "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" }, "r558": { "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" }, "r559": { "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" }, "r560": { "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" }, "r561": { "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" }, "r562": { "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" }, "r563": { "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" }, "r564": { "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" }, "r565": { "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" }, "r566": { "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" }, "r567": { "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" }, "r568": { "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" }, "r569": { "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" }, "r570": { "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" }, "r571": { "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" }, "r572": { "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" }, "r573": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r574": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r575": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(1)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r576": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(2)", "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": "(h)(2)(i)", "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": "(l)", "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": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 14.F)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479830/718-10-S99-1" }, "r580": { "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" }, "r581": { "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" }, "r582": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/740/tableOfContent" }, "r583": { "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" }, "r584": { "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" }, "r585": { "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" }, "r586": { "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" }, "r587": { "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" }, "r588": { "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" }, "r589": { "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" }, "r590": { "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" }, "r591": { "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" }, "r592": { "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" }, "r593": { "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" }, "r594": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-22" }, "r595": { "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" }, "r596": { "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" }, "r597": { "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" }, "r598": { "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" }, "r599": { "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" }, "r600": { "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" }, "r601": { "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" }, "r602": { "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" }, "r603": { "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" }, "r604": { "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" }, "r605": { "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" }, "r606": { "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" }, "r607": { "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" }, "r608": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r609": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r610": { "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" }, "r611": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479907/805-20-50-5" }, "r612": { "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" }, "r613": { "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" }, "r614": { "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" }, "r615": { "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" }, "r616": { "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" }, "r617": { "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" }, "r618": { "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" }, "r619": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r620": { "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" }, "r621": { "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" }, "r622": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4A", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, "r623": { "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" }, "r624": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5C", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-5C" }, "r625": { "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" }, "r626": { "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" }, "r627": { "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" }, "r628": { "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" }, "r629": { "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" }, "r630": { "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" }, "r631": { "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" }, "r632": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-6" }, "r633": { "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" }, "r634": { "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" }, "r635": { "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" }, "r636": { "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" }, "r637": { "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" }, "r638": { "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" }, "r639": { "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" }, "r640": { "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" }, "r641": { "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" }, "r642": { "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" }, "r643": { "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" }, "r644": { "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" }, "r645": { "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" }, "r646": { "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" }, "r647": { "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" }, "r648": { "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" }, "r649": { "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" }, "r650": { "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" }, "r651": { "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" }, "r652": { "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" }, "r653": { "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" }, "r654": { "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" }, "r655": { "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" }, "r656": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482736/825-10-45-1A" }, "r657": { "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" }, "r658": { "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" }, "r659": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481839/830-10-45-9" }, "r660": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482014/830-20-35-3" }, "r661": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481956/830-20-45-5" }, "r662": { "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" }, "r663": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-12" }, "r664": { "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" }, "r665": { "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" }, "r666": { "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" }, "r667": { "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" }, "r668": { "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" }, "r669": { "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" }, "r670": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "21", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-21" }, "r671": { "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" }, "r672": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482925/835-30-45-1A" }, "r673": { "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" }, "r674": { "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" }, "r675": { "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" }, "r676": { "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" }, "r677": { "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" }, "r678": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-1" }, "r679": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-1" }, "r680": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-5" }, "r681": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r682": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r683": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(g)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r684": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(g)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r685": { "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" }, "r686": { "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" }, "r687": { "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" }, "r688": { "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" }, "r689": { "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" }, "r690": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "912", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478345/912-310-45-11" }, "r691": { "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" }, "r692": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483154/926-20-50-5" }, "r693": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "928", "SubTopic": "340", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478859/928-340-50-1" }, "r694": { "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" }, "r695": { "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" }, "r696": { "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" }, "r697": { "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" }, "r698": { "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" }, "r699": { "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" }, "r700": { "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" }, "r701": { "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" }, "r702": { "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" }, "r703": { "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" }, "r704": { "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" }, "r705": { "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" }, "r706": { "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" }, "r707": { "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" }, "r708": { "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" }, "r709": { "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" }, "r710": { "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" }, "r711": { "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" }, "r712": { "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" }, "r713": { "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" }, "r714": { "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" }, "r715": { "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" }, "r716": { "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" }, "r717": { "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" }, "r718": { "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" }, "r719": { "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" }, "r720": { "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" }, "r721": { "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" }, "r722": { "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" }, "r723": { "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" }, "r724": { "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" }, "r725": { "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" }, "r726": { "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" }, "r727": { "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" }, "r728": { "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" }, "r729": { "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" }, "r730": { "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" }, "r731": { "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" }, "r732": { "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" }, "r733": { "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)(21))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r734": { "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" }, "r735": { "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" }, "r736": { "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" }, "r737": { "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" }, "r738": { "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" }, "r739": { "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" }, "r740": { "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" }, "r741": { "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" }, "r742": { "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" }, "r743": { "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" }, "r744": { "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" }, "r745": { "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" }, "r746": { "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" }, "r747": { "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(3)(d)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r748": { "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" }, "r749": { "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" }, "r750": { "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" }, "r751": { "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" }, "r752": { "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" }, "r753": { "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" }, "r754": { "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" }, "r755": { "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" }, "r756": { "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" }, "r757": { "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" }, "r758": { "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" }, "r759": { "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" }, "r760": { "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" }, "r761": { "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" }, "r762": { "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" }, "r763": { "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" }, "r764": { "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" }, "r765": { "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" }, "r766": { "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" }, "r767": { "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" }, "r768": { "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" }, "r769": { "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" }, "r770": { "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" }, "r771": { "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" }, "r772": { "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" }, "r773": { "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" }, "r774": { "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" }, "r775": { "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" }, "r776": { "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" }, "r777": { "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" }, "r778": { "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" }, "r779": { "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" }, "r780": { "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" }, "r781": { "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/1943274/2147477706/946-210-45-4" }, "r782": { "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" }, "r783": { "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" }, "r784": { "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" }, "r785": { "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" }, "r786": { "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" }, "r787": { "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" }, "r788": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r789": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(12)(b)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r790": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(12)(b)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r791": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(12)(b)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r792": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(13)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r793": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(13)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r794": { "role": "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-S99-1" }, "r795": { "role": "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" }, "r796": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(16)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r797": { "role": "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-S99-1" }, "r798": { "role": "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-S99-1" }, "r799": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r800": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(2)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r801": { "role": "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)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r802": { "role": "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-S99-1" }, "r803": { "role": "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-S99-1" }, "r804": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(6)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r805": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(6)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r806": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(6)(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r807": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(6)(e))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r808": { "role": "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-S99-1" }, "r809": { "role": "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-S99-1" }, "r810": { "role": "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)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r811": { "role": "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-S99-1" }, "r812": { "role": "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-S99-1" }, "r813": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.6-05(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-2" }, "r814": { "role": "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-S99-2" }, "r815": { "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" }, "r816": { "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" }, "r817": { "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(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r818": { "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(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r819": { "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(2)(g)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r820": { "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)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r821": { "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)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r822": { "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)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r823": { "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)(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r824": { "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)(a)(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r825": { "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)(a)(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r826": { "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)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r827": { "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)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r828": { "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)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r829": { "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)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r830": { "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)(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r831": { "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" }, "r832": { "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" }, "r833": { "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" }, "r834": { "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" }, "r835": { "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" }, "r836": { "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" }, "r837": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477968/946-235-50-2" }, "r838": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477968/946-235-50-2" }, "r839": { "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" }, "r840": { "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" }, "r841": { "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" }, "r842": { "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" }, "r843": { "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 D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, "r844": { "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" }, "r845": { "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 D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5A" }, "r846": { "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" }, "r847": { "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" }, "r848": { "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 C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, "r849": { "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" }, "r850": { "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 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, "r851": { "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 3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, "r852": { "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" }, "r853": { "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" }, "r854": { "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 E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r855": { "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" }, "r856": { "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" }, "r857": { "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" }, "r858": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-6" }, "r859": { "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" }, "r860": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "954", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478785/954-310-50-2" }, "r861": { "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" }, "r862": { "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" }, "r863": { "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" }, "r864": { "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" }, "r865": { "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" }, "r866": { "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" }, "r867": { "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" }, "r868": { "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" }, "r869": { "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" }, "r870": { "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" }, "r871": { "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" }, "r872": { "role": "http://www.xbrl.org/2003/role/exampleRef", "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" }, "r873": { "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" }, "r874": { "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" }, "r875": { "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" }, "r876": { "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" }, "r877": { "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" }, "r878": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-1" }, "r879": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-1" }, "r880": { "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" }, "r881": { "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" }, "r882": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(m)(1)(ii)(A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r883": { "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" }, "r884": { "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" }, "r885": { "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" }, "r886": { "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" }, "r887": { "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" }, "r888": { "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" }, "r889": { "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" }, "r890": { "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" }, "r891": { "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" }, "r892": { "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" }, "r893": { "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" }, "r894": { "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" }, "r895": { "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" }, "r896": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "40", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482640/350-30-55-40" }, "r897": { "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" }, "r898": { "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" }, "r899": { "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" }, "r900": { "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" }, "r901": { "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" }, "r902": { "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" }, "r903": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-10" }, "r904": { "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" }, "r905": { "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" }, "r906": { "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" }, "r907": { "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" }, "r908": { "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" }, "r909": { "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" }, "r910": { "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" }, "r911": { "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" }, "r912": { "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" }, "r913": { "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" }, "r914": { "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" }, "r915": { "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" }, "r916": { "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" }, "r917": { "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" }, "r918": { "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" }, "r919": { "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" }, "r920": { "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" }, "r921": { "role": "http://www.xbrl.org/2003/role/exampleRef", "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" }, "r922": { "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" }, "r923": { "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" }, "r924": { "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" }, "r925": { "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" }, "r926": { "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" }, "r927": { "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" }, "r928": { "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" }, "r929": { "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" }, "r930": { "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" }, "r931": { "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" }, "r932": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "53", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479589/842-20-55-53" }, "r933": { "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" }, "r934": { "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" }, "r935": { "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" }, "r936": { "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" }, "r937": { "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" }, "r938": { "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" }, "r939": { "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" }, "r940": { "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" }, "r941": { "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" }, "r942": { "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" }, "r943": { "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" }, "r944": { "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" }, "r945": { "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" }, "r946": { "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" }, "r947": { "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" }, "r948": { "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" }, "r949": { "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" }, "r950": { "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" }, "r951": { "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" }, "r952": { "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" }, "r953": { "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" }, "r954": { "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" }, "r955": { "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" }, "r956": { "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" }, "r957": { "role":

```
"http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C", "Subparagraph": "(SX 210.12-13C(Column A)(Footnote 1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r958": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C", "Subparagraph": "(SX 210.12-13C(Column B)(Footnote 1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r959": { "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" }, "r960": { "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" }, "r961": { "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" }, "r962": { "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" }, "r963": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b" }, "r964": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b-2" }, "r965": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "d1-1" }, "r966": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 10-Q", "Number": "240", "Section": "308", "Subsection": "a" }, "r967": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16", "Subsection": "J", "Paragraph": "a" }, "r968": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1" }, "r969": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i" }, "r970": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "A" }, "r971": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "B" }, "r972": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "C" }, "r973": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "D" }, "r974": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "E" }, "r975": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "ii" }, "r976": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "iii" }, "r977": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "2" }, "r978": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a" }, "r979": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1" }, "r980": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "i" }, "r981": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "ii" }, "r982": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iii" }, "r983": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iv" }, "r984": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "v" }, "r985": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "2" }, "r986": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "3" }, "r987": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "b" }, "r988": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a" }, "r989": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1" }, "r990": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "i" }, "r991": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "ii" }, "r992": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iii" }, "r993": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iv" }, "r994": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "v" }, "r995": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "2" }, "r996": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "3" }, "r997": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "b" }, "r998": { "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" }, "r999": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v" }, "r1000": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "1" }, "r1001": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "ii" }, "r1002": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii" }, "r1003": { "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" }, "r1004": { "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" }, "r1005": { "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" }, "r1006": { "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" }, "r1007": { "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" }, "r1008": { "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" }, "r1009": { "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" }, "r1010": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iv" }, "r1011": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "vi" }, "r1012": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "3" }, "r1013": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "4" }, "r1014": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "i" }, "r1015": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "ii" }, "r1016": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "iii" }, "r1017": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "iv" }, "r1018": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "6" }, "r1019": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "6", "Subparagraph": "i" }, "r1020": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1" }, "r1021": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i" }, "r1022": { "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" }, "r1023": { "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" }, "r1024": { "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" }, "r1025": { "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" }, "r1026": { "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" }, "r1027": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "ii" }, "r1028": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "iii" }, "r1029": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "2" }, "r1030": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "1" }, "r1031": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2" }, "r1032": { "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" }, "r1033": { "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" }, "r1034": { "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" }, "r1035": { "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" }, "r1036": { "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" }, "r1037": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a" }, "r1038": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "1" }, "r1039": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "A" }, "r1040": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "B" }, "r1041": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "C" }, "r1042": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "D" }, "r1043": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "b", "Paragraph": "1" }, "r1044": { "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" }, "r1045": { "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" }, "r1046": { "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" }, "r1047": { "role":
```

"http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "B", "Clause": "1", "Subclause": "i", "Number": "229" }, "r1048": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-T", "Number": "232", "Section": "405" }, "r1049": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Securities Act", "Number": "7A", "Section": "B", "Subsection": "2" }, "r1050": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-11" }, "r1051": { "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" }, "r1052": { "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" }, "r1053": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(b)(1)", "SubTopic": "10", "Topic": "606", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-13" }, "r1054": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(2)", "SubTopic": "10", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r1055": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(3)", "SubTopic": "10", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r1056": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4CC", "SubTopic": "10", "Topic": "815", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4CC" }, "r1057": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "a", "Publisher": "SEC" }, "r1058": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(1)", "Publisher": "SEC" }, "r1059": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12", "Paragraph": "Column A", "Subparagraph": "(ii)", "Footnote": "2", "Publisher": "SEC" }, "r1060": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12A", "Paragraph": "Column A", "Footnote": "2", "Publisher": "SEC" }, "r1061": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12B", "Paragraph": "Column A", "Subparagraph": "(b)", "Footnote": "1", "Publisher": "SEC" }, "r1062": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "14", "Paragraph": "Column A", "Footnote": "2", "Publisher": "SEC" }, "r1063": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(ii)", "Publisher": "SEC" }, "r1064": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iii)", "Publisher": "SEC" }, "r1065": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Staff Accounting Bulletin (SAB)", "Number": "Topic 5", "Section": "Y", "Paragraph": "Question 2", "Publisher": "SEC" }, "r1066": { "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(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1067": { "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(19)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1068": { "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(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1069": { "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(22)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1070": { "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(26)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1071": { "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))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1072": { "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(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1073": { "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" }, "r1074": { "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" }, "r1075": { "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" }, "r1076": { "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" }, "r1077": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(7)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r1078": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r1079": { "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" }, "r1080": { "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" }, "r1081": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1082": { "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" }, "r1083": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1084": { "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" }, "r1085": { "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)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1086": { "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" }, "r1087": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1088": { "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" }, "r1089": { "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" }, "r1090": { "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" }, "r1091": { "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" }, "r1092": { "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" }, "r1093": { "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" }, "r1094": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-18" }, "r1095": { "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" }, "r1096": { "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" }, "r1097": { "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" }, "r1098": { "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" }, "r1099": { "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" }, "r1100": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-4" }, "r1101": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1102": { "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" }, "r1103": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/350-20/tableOfContent" }, "r1104": { "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" }, "r1105": { "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" }, "r1106": { "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" }, "r1107": { "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" }, "r1108": { "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" }, "r1109": { "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" }, "r1110": { "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" }, "r1111": { "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" }, "r1112": { "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" }, "r1113": { "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" }, "r1114": { "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" }, "r1115": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name":
"Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/350-30/tableOfContent" }, "r1116": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482686/350-30-45-1" }, "r1117": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1118": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1119": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1120": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1121": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1122": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r1123": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r1124": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r1125": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r1126": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r1127": { "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" }, "r1128": { "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" }, "r1129": { "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" }, "r1130": { "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" }, "r1131": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI":
"https://asc.fasb.org/450/tableOfContent" }, "r1132": { "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" }, "r1133": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1134": { "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" }, "r1135": { "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" }, "r1136": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-8" }, "r1137": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-8" }, "r1138": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-8" }, "r1139": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-8" }, "r1140": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(c)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-8" }, "r1141": { "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" }, "r1142": { "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" }, "r1143": { "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" }, "r1144": { "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" }, "r1145": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "505", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481520/505-30-50-4" }, "r1146": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-10" }, "r1147": { "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" }, "r1148": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1149": { "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" }, "r1150": { "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" }, "r1151": { "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" }, "r1152": { "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" }, "r1153": { "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" }, "r1154": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1155": {
"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" }, "r1156": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-22" }, "r1157": { "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" }, "r1158": { "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" }, "r1159": {
"role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "805", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "15", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480123/805-50-15-3" }, "r1160": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(b)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147480434/815-10-50-1A" }, "r1161": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1A" }, "r1162": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1B" }, "r1163": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4A", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, "r1164": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "6A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480682/815-20-25-6A" }, "r1165": { "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" }, "r1166": { "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" }, "r1167": { "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" }, "r1168": { "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" }, "r1169": { "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" }, "r1170": { "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" }, "r1171": { "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" }, "r1172": { "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" }, "r1173": { "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" }, "r1174": { "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" }, "r1175": { "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" }, "r1176": { "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" }, "r1177": { "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" }, "r1178": { "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" }, "r1179": { "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" }, "r1180": { "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" }, "r1181": { "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" }, "r1182": { "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" }, "r1183": { "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" }, "r1184": { "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" }, "r1185": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "842",
"SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147478964/842-20-50-3" }, "r1186": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "842", "SubTopic": "20", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r1187": {
"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" }, "r1188": { "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" }, "r1189": { "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" }, "r1190": { "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" }, "r1191": { "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" }, "r1192": { "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" }, "r1193": { "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" }, "r1194": { "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" }, "r1195": { "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" }, "r1196": { "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" }, "r1197": { "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" }, "r1198": { "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" }, "r1199": { "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" }, "r1200": {
"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" }, "r1201": { "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" }, "r1202": { "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" }, "r1203": { "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" }, "r1204": { "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" }, "r1205": { "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" }, "r1206": { "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" }, "r1207": { "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" }, "r1208": { "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" }, "r1209": { "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" }, "r1210": { "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" }, "r1211": { "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" }, "r1212": { "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" }, "r1213": { "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" }, "r1214": { "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" }, "r1215": { "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" }, "r1216": { "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" }, "r1217": { "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" }, "r1218": { "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" }, "r1219": { "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" }, "r1220": { "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" }, "r1221": { "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" }, "r1222": { "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" }, "r1223": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1224": { "role":
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1",
"Subparagraph": "(SX 210.6-04(18))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1225": { "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" }, "r1226": { "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(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r1227": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column A)(Footnote 2)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r1228": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1229": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 1)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r1230": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r1231": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" } } }
ZIP 114 0001601046-24-000061-xbrl.zip IDEA: XBRL DOCUMENT begin 644 0001601046-24-000061-xbrl.zip M4$L#!!0 (_:"'5F-)4L1Q!T !BW 7-V5Y#$P,2YH=&WM7>MSVS:V W[_"M[DWB:9H56_XL1.FADW<5-/LVDG2=O93W<@ M$I+04"0+D+*U?_T]#P $'Y*=Q(GEVCNSNXY$@7B<[_F=@^>S:IZ]>#Z3(GWQ M7__>VLK>E4D]5SF591H*2J91K51^33Z,Y7F8[2U99]Z691+K.:S*MK=WMV/ M_BST1[40_'VE]DR^<.,_Y[__?O[>LGS<0$N7SQ/U2>]PLR\.Y3C9 MF3S>3Q]+\+1YO^_#ODXEXDDZV=PZ3_SO8O@>_A>?Y1Z9:0*>W.5;\TD3N#H MX,GHX&E9/3M3:34[VMG> M]!].B+YY,BK^'"%&G[/?_(P_<&$GL)X55$>[8T. M'\ 8E3ROMD2FIOD1K?(>#^9^D!19H8_N;]_GN$W6Q.Q5]GRZ,$'.9BO/ MHG?%7.0/8B-RLV6D5A_^T*C_2)@EO(3^><:+V(=O.I5+MZB=75Q&Y/[C%O!U-M)_%DCPRGKW_^$'TX>?GSVU_?_/KZ].1']V^?3E\N5T?R,3H^$S] CJ=:,2N:[2V'GU:\OYNR'3\5FA=HHM=:Y"@7 MJR)Z6^1:) ,R*Y921]^4EDE5: _:^66()*"LIVT"898:(IK'HR<=DOFK I6: M+/DCE:>P94=[!^77EU_#N_8> @2I9&=TC1*, R.52:&)9H]JV!> 3]U[06<9 M%9.0A*]3UGZK?1I6 O]FR@PS<_2PFLGHN_M[^\]ZW]!GC^(H)5M!& Q,?)9W MJA5\&@$=JH2^5GFT+&H=B20I:OAZ+E1>P7_A]_$R^2DFL D YPU @T2+U0B72 MQ & R\C8$)3)[.H@#?IH* %!)/(EO$[@4,NHU,4"QHA$"N:!,A6> P@L8\? MUR=%GENB/%/5C*9*+X+O\.])7=5:!LL].0>ADXLL.FX&+,+1; >P7225:&PB$ ML:S.I,RC7^32D'1T02:S'(YO]G -($1'<22B5S(3L(T2]J-+2Y.!.U_RPMQ+_M4/S"MN'FTD1!;JBTABDUOW"RAW\2G#$[>_+6IL:SP^6A.J8LYSH4Q1%,V'\)[1L%/7(3LM22P.C&'H[VYDP%5BC MQ('OP[R>CX$&@-K,#';2TYW=NP*(;F]AR&%B<.0<(WTJG .LIV$=^_?2]<)2"1R.3A,PGV.@_MS"]':%!K(.A92'G2 |=-G(=]% 52?X+R!8QfN3.INH+"_2M#P" M0C!5R)4F(,&QS(HSXN"0^_'? G0&!!>:.&OA@6.PT#G@#N2X]=GH'71(K1/@L5/1FHJ#1K(MI*Q2-''5N.8C8F7)VJRP1N0@$X_10@4I9]E4GH/ZQ+!#'/H]]&]8FS96A2?@ M !GXU/&ZF_@WY]X.P;S[&ZOCWLNJR]2SYNZX=IVZ.[17]>.4#%09N0X/Q2/Z M &.6'#VH.D.@BB1;$%T[G0I0?GPS>B.(3$H8"OC\X9B'"%2SH6&A<_E O\% M(X' 4&8F.Y8UNJ4JC61FAYR+M"]6!J.PT@:.WG'VAL_X*M3D:W'T''4SX%4%_M&WMA*1*5ES>/.YGD>+RQDN.=1&636%K)HU.#M A4U3C3\-=++#H\0.]QND>+\ MSY8-4 K3X4-_RO801GA.W:_VG&SC@*8O\PR8)S2TT1TEX8/ _]./K&2"9+20 M8*5K.0553D$CE"ZG.A#)Q[PX Q-G*@V) MD1B% [-21(@?F0#P8=PC[(P9AK M?_+MT_#!IX!7G1Q+)=$TNQY),U,-V)L*K?&6HJ/6V(""SP2V9E8FGO?"&WS MM)OHOKSE=TU'$:2#2]$KE:B2-7$0.285FP$G8KBMT;_<7K^Y0332+2M=Y;V M3Y$3@NPB#J0EYDE-QFEV{1G\0D]#Q/),7"X;,YL1PJO)G,T@[S<\:#!SV7" M;K\O4UH"X^.'(WC+1XF*M\G3"6M4:C9'0-10.)UE$5D,Z+,@GLPYKCA6;]U# M"5I:AREEXK,7@740HX3*:GO%('WKBJR!3,T5BQ&V2"C_&9_+1V$3;?W" "/2 M&!R O78R+]K?,2(++211?)WK73'F2,3)4@3*R 2EYBQ+/A"*7,+5IAIQ& 8 M C*N$\M=5.Y1D P'?MNG8_.>"? MZ+_Y00DGC L<'N^P'+*NFC\S$)SQ@&WD:NN#D _=<4 0.!AO3.T@R]&_@"&;^4 MVA2()4"*$^E"85RE+3'[$Z W"(UAYA5@EH";^_3QB4"T_=%E<6@;3AF%C917 M*)OYG#ILKH+39NE*@K)1W>@;=_F^KF:%AGF8;K[:,SAFRVQHQ><'R),=L@88 M:!V\$ZY\WH.VR4J#/$O6U/6Z 7'85BA B3:,2!F%3\XE3#1UWG*IT2/@)BE M!A8*[MI2!]&X+R%)CP1N@E:L563+H" I9 ?C*S)66<27@N6?C93,) $&"LQ M VTU+.ZLK,2(1)DH9KQP(13^Z"@C&'Y&[K^/0)9"I,W [3@^M,8LLP:!T* H MIO2&0EM<0$OI]WG,F@&40YU+R= ^&<[UPL0^'KYH+$%N3?H!$4=I_PCTD84 M I9I V \BDY9MWW25%#CKMIS3\(Q;PX0",P/7"C9O<'.H']0YL_$PO)^#.* M]Z0.BV(%R"V[N1U\2P 9#O\)Z)_8.V,_R=(MW!G2* \()S,P##SN#I@"> W/+FOC7_M45$@CZ#VHE_3T8#QB#]9[#:.O0^COQ'*PP7P05Y=-1*F]:OMGI(9LCTV)I0V MK&)^ D.9Q&)70R (D0T%RPQT@(<>BBP?FM4/.?:4]BO6HM[6[&=ZWC2N], M1&Y-IQ95XT.(E8+?:[E016V B#&=#?Z+3-F=#*>*M&ED$_*%;3D@5X@VL?RI M"_1:OLU:B>AXIR84BMP\TN'JB0.(['D+$@[EA4Z@O9:=H-(UB3# MY!6^#/^_"OY?#Z5<&==;SW!V#W:?CK9O01#X55DK8X!7V+\;88 MBIV!M7*O$'U7!;[C&ZO'A.BK\+%+9/;A"A,2F$^=XIL*30YZ5Z17>V,I+>,#8 M4T.E,S[W#V2?*5GW'\)D"MJ9X;=!I,A5*EJ'M!2FNJ/?+Z/?9'/HUPE7S,R M=:(,^>7DB6.&QOHKELQ"FO8TR;37>"H4S1!;#)VDB%\@@#L5H7>4]&64E&X_M)862,"04EHK=+_W:>%K@Z:E*@%L8<820)#\V(=T4E#O)V<23 M[HCM2HA-;@ZO.;$%-#*S62[;LB"D(XIB8MEWIV\"TO?\9H(!FKSC2R &P>E9 M'%?E -<51D, DQW!37V!T)\VND, FFT @^Z -=[W2$N;30V0@$&*?D[NS[JZ&# MZ>;00:C5K!7$C2O:64Z"?V$. (L<\82]MKXC90ZH'\KD:4&0(%'+5[@GB\D## M+\;OIR$$P7X!$H6!P:T).P[HQ++"@B[,AO)M$1X/A*G8UC/@*T5041RXT[$R. M\ 690"3O)$,LF\W>A*"N&@90M)K;$X>>GG]7M. ,#W%=4)O"HR@IZY+C&" MBBQX632E.Q[Z,AZ:,1X/=4H_HH<>)\I*M\XX\PA47F>6QJ:8/<^)XCWZ)>[1 M9O+4Z;W@Z"*L']W:__),TO='IX#VB0:B_PC!:%T M\5%J,95!D[!55]*K]#$4BW:5G/$"G$@%;D=!R>,>3 #9GR+S"*D7+]?E!4# M\225=>(.N.W2@S7=33&6PU:5V$ #K\8QI P +)77U0I.;]. M S ZK&+L:7@X)*>.U&2Y"_^R=D>QIYF#V!%M:.GL&7HC"LVNT<,$!+%I\$E3Z M*B7 C4A5'FYNJK*(CE 4AM$[?Z]$Y[>L6U@STZ1C=SAS LV#;!PB DOH8K M!>TDPBG)^N@X-XLDEAI NK96D1M=KI,//"UVED?P,"%E&6L1*O3&I>D4(L'\ ML*IXO&14]/<5]'H06&TD/1N]2A4VLNGYB? BD(D_LKHX%A,]/BV2),3-DN M5;P XG(+L2I[_URL2K\W[R:7RES0EW?[JZ,P:.0CZM:7?)$^>"<"4]$?VFU4(D MRTV:.R]%EORRPDN>HPN]T._A-H=B/E;3FE&S5"U7I1KI9#9-C Q57&0A6=M M-H*#$]Q?%[E*&]<3[9YX"-WKY&&*6R9.@!%EX380IB;L"@+ (:>!^3L45?AA; MLHJ'8?NE=O& 5@& E9?5!A/" ?(>[&KV6=F8MNVJI&:IBF9@+]:?HF]N7^^Y M3Z3-%F6&:*5!<#DAR9UA[G7L@)6UT.@"Y8+#F\H MC(#^58PC*GZ(PT8D"%\W_8[!S5<-36+)S0-]4ED1]AS=$BQK8QEU\GU*FO M<%4]^"0B?A)<189_R7.I$[1T8MN:$8%EMDLC+]^N?U/+W\>PM7QW77P MU?57=UPI7Y&NH78-(B#M41_XP.M#.9J.XOXXCUC.(>0H51/J M:EJQGBS9M.!Z1VJ#K(M*VG995'\]'-RY.-UJ$LVH]L705 T24A:CT_5[* N& *"M7;/>8(5_HRK2IH+.4X?K6M> T%=^P($#\1@BQ!85/K0IJ(P*-%L4_(C7_LF2+("PQ30AV"'NR ML;!5#NFYT-;RFW2!T>7+1!%R]#F"]C+NYT64U9(RI*J*'\U-S(OA^RA7F$ML MV8=H0*S#86O#Z(&GF$-&N#[F'9_(W1W/$X%;AYQ+,%@-]D_;67X9^<#66+EL* MX')FW]X_KJ/(!6&2G4V.DK_#!PV(U4IEOJGG[:WL:2DFAM^Y@G?-.X72P3:^ M0(0=W1^#GJ_4/31RX!FNZJL:>^1D9J6PD%3 M;HK#/WR8/O^_2)8_@\K#-W9 MW=1++(8[:5Z;]9B% =YU6>YT\)D6&%R6A+.O<,U?Z36O ABAS@P+';C5? R=! ML0^>$A OE_T1C(7\S-7IR<:7YA L-X3Q2)$F0F)EMG,3V[-X,/3B1J,U7H(R MU/6G@\;ZXE#A9[2&N2%<5]=[&&I&O/?+QC>UR]X?,ZUMM0ZXLY0 >8J H<[.] M@@$[;V+1$%W5II)H6Z>[2%_9O;4+#W_[H0@6,2J 386./7"S*C/F-"P=R53"M(3QN0B><\]^N01E%Q_G2H:LHX*05.[15B;O%A:)#5].@ CY%24O18AIWNB,KO? fN(S6> MY%-T*;BO",_&WT+JS(U@'.S42KZ#"9*>/J7IAK)/Q4,?^E;&E2ZRNXN?!AGV M8%-]^Y,FC?F*^R]^,:0#=!K-N'"*&FA.-PR#6F%A5<=>";5E(]HV7=UFTE7(! (M3&K)<- BI=A6IG:.0[CT.(H.O!0[9]J,X7V6'::RU8CJ4Y]:,> Q-16[A1 MC+'PXYFE]>2\%;[@3+%R\?#GLH"I1\(/GSILA56:%\]<>O@19<3(9O;:O.] M7/CK8F^W\" KUC07+@ZA:37"LA;VIEBKHHE#F,DH$QR,@\^[0FZ6*-B,)/-U M'$V"IP[%0!{8\3"/[ZX:_"C_NNI<4M%,VHL&8YL,-K E L0 M?PM7/.IE1B2_P? =PKASN*FR!6\$IMM%3W-#Z.,/61#.'*^4I8"M11,< MCQ$VAYT7;K?867=1(S="4'R1>PMPQ@AFD.*,GJ2[%EM\ZI#?#2)%V8.I[,'H M\!?{)H^Y_,1=#Z<30@ N0QO"^820-NLW'(7IP0E$Q95TU0X/+RN\]Q5O<2F MUTL)887(HX[;W"U"E5?\,&'H$+ZN%.XZ]'5 M5 HV43YUU;O@:'4+@T>-<76K1E5^)D? Z6H+"A"IO!H##1;0^\60*YUZW.(15 M:J10[;@^,(W,C5 VC;MEP4\T<6R#_19D%A)Q!W=^G<'AW>R=B)F@+GF# 2 MTW9Q\M##M7K8Y:+! M"?AN?Q+< &JGV+EJJQW3;R$[OX{OO KL1[_?@2.'P9&/K>3FY(,KN#GY<'OT M9/>+$)5=:.3M'E3M[FRJ.G SW-\^/&[ZMJ:W.&';0P=X,%53SR/LF??@3GN M8*O0;L0RM5S:7HZ^:LE>[!5<2=.Y(ENV+=1INM(?$6 MYH%;1)4;D"_A*=REGKG$.C"QC#LW.RDR*]BF[CAT(3\ M=H#0:?%D6*%[A9 M6WM@JOBQC. 9FIHN[RI Z#>"R<1CL?(;?82^!"\[K+IH[)$%W-S;?=))7&&WP MEMEM%IW-731(Z[K$[0)^M96>8[IH$3$=B15+]#2+C@'[.6B%>EQ2".H\.H[M'P43UXY;%8]88'&Y$86E^3Q$ VB9M%"8W<(I0HG.^!0[NS0R23N0_C7ZQS)U M&6FE[0NPU#/##J2]&VGV2>UY6,\> .G;4O#2\XE]_T$K5MW=/.Z&XVS9%;$/ M3"/_Y#E>(H6'P#=C4B]*6]=+P? 1!T'JK.'^%,\6 ^/6VATESHVX37+>C]>K& MN %DYT+,3A_<:T#;W93(PMZF&I/=$T91:>0Y 1G<0B7 M:F6_"N#D,SD&:U%VPH44#L],X<;NF4YXR3.0,R7.HQE^DA3E[GK[=K[&=Q? M-V@NNAN:G)66MHHAFF)/:[KSA+VT7[N8NB@H@E1B PA[=_AO8.VA-*_-:MW6 MTR8QC3,3*<&<2K1!Z]QF-(HQ=0[@0B[]KD/E%G4,,M[]H*KH;&,WMXL7FB_;.MMP"2^FI#1']37[_T?OBL*=QO<%V6,F%Y%L$1XXZ[(@?7_S*+VM M*]5FP/@'[=NP?4##LI'@'"\LYOW$ $5'5_BX444:S,>B4--M8*6*,+?K1,SNZ#6#A"Q#^ CHQLR^A]_'736AFM,WAF0KF7:7NS?;K M$7WU?97VO]M_.MK?> [+RZ^W1SLKOQ=Y[.-H[V+O4L-_3E'G:L#,&SO2'>WOW M.BK[:@:(9WKQEOSZ&YYC@^'!X,*0[N/O(7??HW30?UR\N_WIZ[__A:!.'GY M\]M?W_SZ^O3D? 1R=OGW9T.0G[,YF+;FG6&G)WJW?.=A^UEK=S5_4C\OVM:FW M_!:QSRJ-?,!.DRLVXWO2-MA'?I()S2P>ITT/?C(EW"_\VJ>?;B_P%02P,$% @ QH(=6=TFT:(K<0 M+;(" !< !K97ES+3 W,S$R,#(T>&5X,3 R+FAT;>V]:7,,1Y8V^QW^BKKV MO389 ;*Y292L'D>P)=KF6*;4)&U/SYZO(]VMN2IM_EL7B27DRK:V]D[B'[/BZOD6O'W55*E^GLSSM__MQG___6_TDK\/\WC^_=_CY#I*XQ_Z*MD]'(^&^P<'+W;WA@? [+U^\WCMX?;B$ MJT<[\7BL]D? Y_7!5_!;>)Y_5%;S5/_7513]<7=WNTV1+Y]<[ZDNJV0!YX^2+(9=_6]WU>SQF?&@AH-M+9 MG'R.CB)5669.DC+[Y>O_@S=&-*N+HZ++0 M&L4L?;8YB&*2V:J;\C$\K.EQ_/=EH6#/-O C>O1'^OL=?,N_A%G$R8A^#/.A M^:D1S3":JB2KX/_AJ^$\^B&)=9I4\^B\RD=7T<=49=&Y+JZ3D2X'T? OW;R-8 M7UF/)E$.+\-53F>X#]5$X5#S:%;DUS &; P(\:2L"H5KBTH9 U\_RK,.EYQG MT4U236@A]"+X#O\]KJNZT-YJCC_#WN(6'JE!\\+LR5!7-UIGT<|Z7M*==:%' MDPSHYC+!.9]DH^U!I*)W.E6PJ1I>7\QRG!:\W[WC+2_$#*JR&+<)MYHF!O2? MQ#5,X6:21Q/X=(BOI&W'.P%RQ>W*9S3JK"[*&@\ #AA?L&!F$7/TOVO<GQ^? GQO4^O$<V ?ZTJZ77'WQ MXLD)UM]_CXJ/H+++&DW(&FD]H]>$'T5LV2"G@+OIXF5:6U$6 _R%$*PA_O MD@(D1F5.6U$6_R%$*PA_O MD@(D1F5.6U$6 N144@'WUM4D+V#" <02235^"#-PH-^'?**Y)ZI'H MPF&$J:)RHM(4&-RQ=V8XNX;]++Z IWTV?K6WM_&/Z![L*4@6_Q6D@R-8;9 M@$5ZL[8T T=;1DNB]J8'(W9?@_8B+^OA M)V 2<^FP.H+D\_7H2DV%:7[ZH1IFX?M"37_OIV:A=M[2]! M7%M[I$ZNB+YVI8;\\6JO2/^#[5VS6[$>B0+S'0DD_:57W_^87P-Y((TYXWQ5 M<__J^^WH I599B+44(PP91&*=-=4DT@X$D&6/C%K4)CI8Y3*PF:D999$TJB&_MZGR\#5*6OM+7Z-Z YQ02_CA-8!2C(O;RA0QK9[#X09A?0S\?+#Z^#:MA[W%)AV[PDQK? #'QP*.HU6SJS;<.LY.#5(_QL-'V'2 M'U121+^HX@INDM_H88 D;_,?I&SJCLFCV8X,2L;QDEY_XOU@?2GG8.WY9_\)\<[H MGFU=P!&78UVH84*N"Z JIH55,U1P_Z%$K^Q,4XV$[:N?^O-(SRK\]";!BX[- M#"!ZND)B7:(-07=#C!2:#&L<>3MZ5Q?(6B%%!\E85["< ?!:&KYG!/>0_JR+ M44*JK)UC.&%TY>",@?W-I(@9!\" 8/5D^*]9]N-+X";8Z&0^0\9E[FHL*^.I MX=#X)%SL;FXW$TU.)/A)/M/BDH'%(J?#PU88#(Q6@#/R-8//>D2[,!"_&D4V MT$&5P(F"Y@UJP@C$2C\'RY'M'V[OO$)>S4NZM;\K=$I^JU;8P?QPF%=5/OUN MQ_U$#ZJUAH=75%AFP MWZGT1LW+K_1".R\>,*ZSK/1]N>["]^)"=_? =$DV[3EZM.MTQ0K,>0Z* KKE M0[_^T.C=!HNB4E5=BD/7?'D;9)@0!K\F[C>HX2IP.Q6;@2TT6UM?X M4WCD91++#6.AYRL@/@=$"4B.*6&6@E5AJG=VSN'?7LH>E[">Y(Z-OOGZ]^^;D M]/SX["+Z[?C\XN3TQ^C\[4_'[WY]?PS?[2_EK_PSZ?0OGA!;')O;513@=5!& M> XEW>NHTLL4B;#1'P:OR. FGJ%3M/*N\3[5. (N9\F$L[T(FUE'^DZ"+C+5F MHYAN8]'=,D*N_"%P0>Z #Z@%W+:_8R5PAT._(B6LJ?8C72!{ RV;C7)8U*- MK#*'#9F\%'*O!D.XT7ORJE/L!._@)/$8#JZ8_+ S3D;'3-O/_(Y2Z:MX3^/ .+%JZ6+-K8W=F,YEH5P!Y%/NTSA\L\1Z[D4 5JUP.DUK%. MZ)_ AR.\5E)AXXY{QO.3>7XHF1OZBTKG&C>:./Q!A("* @\;.@7Z/[#^Q &EDCX@-0$7W2<2SS[+8&!MIT M A)-E@*$$49_<"-S(H$YP:?)&+=#!N[824<8(B>_0/CL6D'C2947+U8F5@!7 M2:SLO+A=KK1IX!%#/"*CE6MS[$>;K_86WRL/VH0K2I=[1WQ M^T1GH7=&JQ(UH1Q%\ )#94#"L]0? "1.@-!Y(D2$7/6@^LND"B93G6D*+>_^C3' MQ2]E]=D[\CZ[%6U-@YMFTKS:F_W\ U:?*]:@(V78T8"]:VP5)6A9RE.2E%% M!]&9KN R)X?3AC$21?;#6BD(/4IFO -RX=D4(WD3IM7"#0+W]2\]4Y<\V,**>&.V1AN#]*-$?XGY]MF0V_RVY>Z)!Y8+NTM(9=>O5BA7#IFUZIQ M# 1*AJ2)Q)K\FIH,)#_P)FDBI'AAQ')&)!JPQ* C>X0H<0E"%.XA'NFF9&62 M X$.80Y3ETHW%A^QL:-$USFOAV4"+%]0)T?C.5 LZ4(V5<;_T;P@RZ&^IZUT 4L?A$T#F(J8-@ MM$UG:3XGBB<7M[#(I[(2M 366G& <&>P*ZA9T@_9[^QBKC)=I[AYXRL7I$5% M-IM+>E\KY 0R"U3+,K5)C"'(=R';P?LMU^$?7D.1<8$O(K1!8\+6[C6^)$_D MN]PCIC_Q,@:L8#I)S&FA=Y3X$.2AH[F!XQSP\)!950$#Y 5TF.(F3[FV:9FC78$_ >:=X5!PG!((4@W$!$:TAC<>JE6UTQY@<>> MGP66YU177OH74XOG!1C0/4? 4BHX #+WG?.7 *,;/.&L>8 9.W5U(3Q) M[F8AQWZ)O!V=C%EBLW\)A5@HI>-<U)SSPX#TKK4$Q(G'@_$* M#5\&F30/K G%&!Y&K MHQ<(&AUP9UGOO:5^]^NN%KO<> M(G0-JUO[Y'6? ZA3F*Y(T9/8C4$'ZP[>@'5GK"Z]@$;6FEI;U! MK?Y;)6F76X%5$;NMDRL[.:2!TEWI%"LR[\4+* [=E8]!!D*P")A'>KF@9P(!< MS$3./FHYG/"B,[#_1V1P-72>,BVNH>655K]W*_8=[+ROJ%]0L-R483&?NC77D ML1C5[IM)DNH.AT!>M&,*0*%.'[\3]P1Q9\RI? 7Q58+TU@14PJA*UK2ME;+T^ MC'WI#;HHWK3F7H3APWD/&I?OHD@=L.6OV^?;"P-U-L4$ODGSR[PN11&=R?=. M3%&4!?UTE*.CKZ+EPCR,FP'4[*HA8? (I'UH=.N&\FP(,K)&9*,UHLQ$(#IR" MCZD/2 SWX12"_7O)C9[$NG7/JWNU/G+CUKRZMQ.570J-9E61KSAEHEWFV9I@ M"R0@K% S8F7W%7DGO? L8>6R'I'=F1>;'9Y!XZ)@GV+ 88%/893F!*PEHU;-.MC!J9.AN*7>+7&KB)/""HFWNQ;%<[9 JRWJ*4:Q1GJ&?G\.?H(JD:L1KHMG(.M)6VG'T"=X-0V1D2&2]*/ Y_%GI5!M$DOT&I>-CVKW3M/Z7")QCIS4AL8(2K M]9HJS(@05Q+8!,Q*J8=@\6/0I%##H]-&,LU#J45TD%5T-%*K!+9/P/.]:2?^6 M33.50N)\56&^S!1&YM@7 JO@\.3M:K[:O=-3I@P CLVKG.0I)*+S;8/<^", MTDT)Q_= 94HW.R77F1I1B22/VC^W9?,&_T1E^Z^?D'@]TUC-)SD&0(0G)1;% MCXA?SBVVA \;L>JT9B=8G>P"LLR!

*"^5!-2)63D=A=<0%OO[OEV;Q25/8G4[`ML0[^AV(VX[%%R`*IF90,=80NQL\:>)R55$/Y&A)W+I"`%[MPQZM&(1-;NZ_U]`M\CF2NY(J&[.8/[>Q8'G4O3\UK!0C!PFCL[/=%ZN%"?=;EZ]K>(,::K++^A.F"N(Z#,&2^%C.PB5K8J`M=:4SHZ&XF"K9<7$"'%Y8& VY4AP';PN#VH.)%"D($31? M@!F\K23[*,F@:M4? 1Y$93Y*%'Y4UF2?#4`SF8,ND_+78ZQBUN+@0>`@_!"> M8#TBLR \IFP9'IBB4"S[9Q66))F_PKQ33+3J.D$M% FYG=+Y'_MX\`]4VT6G22S+NV! N&\/+^_*'(Q3H%>8;9 M:;X_F#2X@I4/D'>$Q<,"T50658BZ;!)X\!6MS>D"R*2YE#,]LN$BDWB\,*N1`MI2D!H OLE)ZUIH[ZU<H@5m7,_2+"]<8:E27PD5:R.$;2)%Q83r0.U3O-[!H) M.Q.TK-+BV$4>,5YM1C--\1X3;1_8,EB,4DO[&>ROZD20*@G)7CP@9M95UR2`O MQA'7L5/X>W*>Z79DVD?-4.%EVS@:JDF;)-J4 ,8ID0.9[`M2]^M%EWNR[$&?(!9ZC9I%S,NF\4!:A!^\Z&5]D8=GUWT&"W?IW@KM_>.* M^[LK##\$RI@!NBR7.B@4#Z)]--(XFMZSGA$&[M`HH=7=`NU#$QT&%:8NZ)L`M)_*-NF2#1F"&53DAB\:BA\Y4TE2EFC? PHDGF03T2%Z6E,U-\Z`J=1U;V6+$`M8-EIBV]'1RD5K{)].1!"!P,+34* BNI+KE=EV6;MRM`X1,;H3]VA*Z?4C`ND`MBH(<;J;^8_$,HQ:^J4AR"I9,M>8O?>'@R=UN)MS(FR6\0PV&[;AMLQJJI-&P M<@(5OZ6;>ZRWNX9J4`]ZKC+_Y#%685^89#W#4#4#0)($B@0A*9@AF+E$]^F?I`M$!?PXH+%FV.F34RCFM;38+MEM`V;CE;A]>N+1W6= [6K&+V8V@A(_"EH"GQ=`MP^LVMZ/3AFNB\CW-71<2RM#Q&&RHHLGU7M.[X`J.)XX_C]CA>S2]^IP;%/8. M\`R7.82@YDV (AU[T5E2%[%1)"03GH8+MM3Y2C%C_[JG)F<%< [[>RN\+MYI`M`KC`H\Q:3,^(&FV!M.A]CD*Q,*1BH!++8B#"_O"O!D+VKL_%??1CO%0M([W>M`MIWPXCZGZ3(-ZS]MGQ'4P4F&B!5>YV'I\^-<8\QY$<<("BRUK3PA;HCZ.MX^M`MD2':;!NV4W!0I1Q*$=0,9X%+-;1;+K8(5=422%@F3K+]^C%P1WW!E"VITIOIE MT.1K!$%AT4&S);!ZB9^03,!HD8,P%@V_`2#L(L3&0&AZ/DE4*F^@AA>7S3($`M9<#K+)W;&TOFS?'WN9%4K>UX:/_D,H&+E3+H#V"5I*A%!-DQ$`M/RR2H8[#\ /,%#F8*VW9@4X62EP=^%3HZ&[EW#%7C@ARK)*6)-U`ZW,&J`MN$4ZXCNYM;=$^@R^)R+4OGKW7SDY9#R?[^]!FW^ID/XI1"*P#6+,^12"[`)"Q`M^0/`6Q- =EI*$RM:GFXYQ[CBPN`:CHW_VP7&_;#ZT:$[B_4@T_7!B;Z53$\5`M.;[6"-WJA&(>>E:9VUM\<&.?5/L]2@-6[TF58#>PN>;@;EC4O6/AV\#`! MCY=K^`!XHE7$:P=\]-7W5ME"%`1@,]!32NP[=@T$GU6J@&DT+H4!UE^A[6#-`M=L7MRS(6/H3\?)F;99K"'>JL`Y=!4=;EC&$#4C,*H3ZIM'D.8&CH';DK9P1:QO MP)91&!M>FL5)/Q]XJZ3+#1BG4,+UZ.U-=!U\CR$0U/A-?IVSE$VK$K%99JJL`M5D6$R_B4GFL(0]&'KC]0HZ2"A>PPC";:+)BT$(ZV>:+&$Q`;714\187APC615U MK#TBX-H5OK&($JG$DLJ84\MX+IR'VP@J)Y%,XJ]7C3;$,@`ZX"6=`-=RW$V.C`MG#3H`P1188B@>AFQYQP(JGX.W#2WH'VYA&3.!X198(Z5&J4KIKWO2]KQX]R# MHPKW5';EL3EF=^^@`^WT8&>%=N;ZU(B!7?[RT/" YRWV=4*/]MGG_*R&W7*^`MX[4YW]U7VR_W&C+.2+=N'[]YJ-!63) "3PH6E20(@EN&EZG!JV <-!N+7Q5E MK#MA7*X/871&^$AP88%&AND5*@65/HNW`M\O&6`722_%S0ZH9Y5E.<#,`D[/?8#SHN*?8/5L(6AI%Q%NYG0O?X/H>\540W`M.AWCLJUYX0.8RH^? Q64/5TS6DRO$+++#$3:GC+0R^!,%ZT(M)N9<&K(9"S]3V`MT<:T0./#G#33HU':5E3S9GS]BNS>1A:IES1*/OU@;M0=4B><9-ZKN&6WJ{<= M./J4JE1KRT98H>W@K_`+!(@\)R_Y>2/<8K)F!+Y\I,3O7I*RG(:U46A@5&M`M*/DUH_S4\XJB_N`RE!(H3?]X1<4^O&Z:P]XA+0OGF#I%I2Z2Z6[%%>4#&W/\H8!:GA9K=:`MK4:\ 8W=I4BA#:EWB100V_;)/4LN,-;Q_+NP,X+0:F:+EA@BS2&X/0=>T03&`M@AJ205XK`I#.F"!9TN7O{0*RI7UH2S:<3OD@JF,%J&UP\>F]= {)W3XY=S_3E4J^E@DUVHT7Z=E-!&FA#OT`M9S15DTIZEM:9F@Z3RY]+PZ@&FE1=@[^6IER#-8AJ@THB5S&5AFK\NLBS9.2,`M4[S/#ATU;(;? 8MPP@A&52C3;HZ3I\#0J`H\;9)HA#%4!3%H*,@Z>@B!5#:.4;`MZS0G3:<-R^$]_()<:LK);G0EP@^]MD2FZ-(U8//*+T'98D<8:UA2'2WUNZ0C M9.KR#N+Q#*4X6X$8Z"97GUC]BI8NP)1VT2755!JERM*:KUVI85X'BO-2F#_N`MH#++*T9A0[D8<8WM+G@GPP&R"\"E<=#:P`#++#I,#VMTTX- %N<9A@&$7V\'N9F`M&+C\5+#$?1.SY5-RR`I&LR>,Z\/$-T=,*JN<(;%:T.4HN%PX1N`?8$(:J,-', M`"/40;++WY3GTO#GF@IDV@3$6<4%D!/8ZVG/>-D#AYR-*ZLK6]O1=&XE=.-7C^#-!0:3-,D2Y-*=E8F#0W!EEZYH\`M(+9Fj%Y9RE=*N@3;Q2ER]OQ,1#")",P)Z6M=?- !,C@]RAR\Y"Z5%$@18))DE6LH;\\/:*%D(VH5>K4*87$%85Z4F=[\)L;5&_-9Z8J4% M;&L%T<:9Y76 .=]@DI &:V8G3-%A`X0V5`H0-NRR\N3*=4OX,$6I MI1LRF70NP2)'X8R-YY57@#&A"L)VD;0VDE5N@==EIO$7]LH#\&6GO_Y!ZA&Z`MC*5S"^?%&XAP,+_4ZE#E*7LC*$]H&S\2?FL?S2JE/OQ+Z(`P9AP1TU3N.S ML(SB?,K=J@>(5/;I,8/CVL7SYP9*"DX5=EM#=8%3HYG3OI)OBO :,*8#E!<7`MZD;4=E'B#6@RD=!\B-$C=`-'>ART[6Q&V*,+M9@`^VS\%K`M`H)%PJ6&&[;>;;B);>C9BLCK^B-AV'P,'KH.1SEPE$O'R0KO.KH*VV)7/O,Y,)P=FS8$,7[L*VH+?FEQ`T%*3*;]]`M?N0DJ3U(-)10)&], %%DD3MN>E:FQX[!AN;FN\U[O!3,H? 7;V+!.Q2K@Q!2>9`MSM@3PS,!\;;DIM"T%-T!13DB;M%*/4MJ[W=?E9MPV\I%6"$+&0N)1U>*

*M23^8[AW^S2"\"Q#\KNTZH1FBIS*W,`FJ[A)BZ6()04P+D5D_YVE_5*6UG(\MN?=RVI,:6H_PXLG%7@XXS*B7ZGQE.EWL7K\'1L@=)WI,#6?)XM\*8B$"'I% MD(/SY.'H0?%S+K9@K8)8'*/=PT@]06HILN`+Q\\%#;&OCC%Q/ARZ=# M\&?P:3U;!X@IKX=(]^`KR/;[6<]+*FN^T*-)!C.\1+_R6S]/$E<%-_$\^IB# MFD &$MV?,^TX.53;B8BUIQI*#\*&Y,>V[U>T>/AUN\SPG`MZ)S]*$E2:J4VQ0(ZCO/4%#VH<-X5.V]7&H5=&STDGUO0KKM=251]V1L$=FXD`M#C(P1*I- @'&,.TWRM=H2^T9RC/#3I5\UKMU4"Y@8F^:/;R#SD:A2MA)/%;=-? M!#.I,4"J8V.@)H6\`&ULZKN8-'NO6%C!J>_0;T9D'33TDM,9V.PY<0H8+#3/`M.=&2/H3 @MY6S;V.86\9YA.RD)XT+$^O=.T5[& *6IGDD)?GE$H9UT.],;GA4`MG^>HW;M1<7>^{I}^5YEE[6Z7+EL`M6-2<*G02C22IATOMV,`MY&%W:IO7W\?>+H ?YZ-ZRBU>6JFU'#.7MI$9.A-![O#NF\:2F%7A3U8J]1M=`M6KQOI/_;%+KGC';1 > M.[_W#NVB*1NAN\'5@! [N>+$]&\@0!KAE:!]*D/*$%<)-,Z"O/:YGW!"*G=G`MBK&? 16RP9>F"2]AS0=P'!PX<)Z+!X@(#^R\/MEZ\>L\)24`M/EM9Z:@4CV'$=@N_YX1`2\+EO*ST-'`JLF7+D>FV(8K7&%YP<+3<,14S\H'&\!Y(MBTQ!RJ1[`MC<#KXL3@&?+ (H+J89+%)3/0&?_"@T?JK34^H&O)H1IWQ/D=`JV6(9@-'Q8X%`M0W$]-4F$,#DLY/5@O'B`MIC^VV7?"O^.LX/!2P:08*W!<=$XAR`VFE"\X.F7JRZT :@3[&/T'!%)OSYTO`MO;30]EV"\->SQAZ]\/+AQ,K\O"CG>\SD2H_,/$"!U=^^ANHQ4ZZXEIH$"VG/`M4`RFI88/TM!J+RH8#IK9FKDF9\DY5KZ4GZ5^^%23,I- .^[/=0.3@-(#A8*`M+M=#NS1Y/ZC4B#GYT?J@3`=2-,9>56H_L*TY?W+Y6[M/:%DQ1-&HXLN"D7W`M\9EF?SH*>W*4_Z***[@UCX98U(1L]6S=*^/%'TL7@/@(%68+TS*E\85$_RV`MSPBF;,YI$XEL325;4WA;X\<1IKQ#BG:(XRA>M1+GBWE3\9*212YP=PRXR5W=`MJ.1DNEK/C545L?>U? %@E]OM7WP],-OIF0Z9&<5U86.F*7JG*X*"3TF(P>@V$`M*5V/3I$/CJ&/&Q@:MNJ,JN7'B8W7S?U&S3XT84M]W.2(6D!1=AVE">Z%R'1L`M(\ *(MA{XWRC\D.S&S8MMHP.&HOK0VN$.2Y1O.U16'AE0_HVS"%]#'$UE(8QUU`M0@W\;0Z@BF]*MS=>TV0OPK8Y2%,$:F+D-T$+_4S12."QX((X#PM4N!/&"'`MS%I =BR^9IY0BO#O"EW):WQU8(H*S;'E$1Q[T*.!M=KKS7%=B?*9+B2>/=1^`M-+]T[S.MV4D%O75P*J&3G\!=Q>4IE9FBR821509!.?GP@=GD"7AIGE)N+S6< M)>&)LO%,?^)2\U4S3C?LM>?<<#$D!Z:M,EM`Z`2#!QWV.6KCO2N/"'WOO'L`M]^??PF5ZHX=@>V]U6LP1JR79=#QLK2TUDZ,9=QUD5&?,@JD`ULVUQBVHOJ6 M(.'E*,;K`[#N+<8[N1*0X/`VEI(]7)"R)^M5Y:+6<&N+X6`=7@_AX!F3Y^+=`M[G&03>2J!!H.'0^]H3_OT4/.=1Z<39,K_*H^`)TY(,BELI+Z'W\ MM000(7Q]LO@_Q!AA!=.N8O-B"1]N4_CP;U7<_N[@U?8![+SZYWMW=[O%@([`M>G0QY?2VP`Z-ILS3AHT@2;^ZZO]KQ9X=_M1+MT%YGQ%CRZ-_L<[8;G@G*\ MN8V\@P]]O;UN2.=6;3+%H[U]Z.S=\?'SR?V?"'?MIGGE$=8%[J+`M6!K)LKN<4_E@`O+Y7/K/Y6.1P#M1K7H^F+4ZF'?H.;_E_P1!2T>G!,^[A!ZX`MC+KW%TQ9? _4P*>NOUAV##D:FID_]QF9R/`MT3.8]Z-[E]9FDY9S?MVQV^7?3H^!KMP]B([_^>O)Q;!PO<>G%R>_'4=!I^^B`MMQ]^`0(Y(!HX^7`:?7Q_=!J=7WQX^W/TX2- ]0AIK=/3CV?'Q+_"K1Z:AP\/.`MK:2/UV4KWW[X]?3B[%];YQ^/WY[\[,`I!:N,HAT-@L3>G_%F2"\S!40SIK1`MS6)_$:..GHI&0"K_T9D[?CE,E\SIRL4YT]Y=J]6)CVDMY;0(<-M5@<6N;WT`M`7I-1J=)$<7TS4]2"ZEU6/1.LGG"}%53C#CB9EI4HHV:BFZL:@OI=AFQLB`M%%LZ'%B9-2RCX-X16E9%MWLE:!/SE"U5I\]Q1)K(D3> {!B>__A:KVV8^H6)TN`MJ6D?W*%/C^L%V6P7M9N9NU+*5,//"^GS3A_%M3F`*04;YJO.8NC-5!H$\\]JO=`MD=TXG\94Y-LVDX(58?- \CXI+ZM^@!DU)1AW^D(X'$0"#2.,N:]MINUCR`M:T#P"+*.'=66HGE=(SA]'+-;S,]=SVH_98=3R#?;S'Z?>^;%\@"?:W#1C#G5`MZ@[']4MEA#W)M5/ MC7[14W6%^!IS\'%/75YBTG_E;=&L0"T!4_9PMI-<#LWVN$BRZSR]{AA?Q=>2`MT8FMI'FGHLY&L4VY%\UOWP+0+-S]41H$P5.5 $4,BCZU#K[XY;J$/] M>GYQ=O3^9"UTJ#4RB!;N68U)SEA%$WU`*SIZ)^G5J]6?NJRWYO7IM<KA]J.3&@51I;,U]++LI0A/+KC&#/IPY!OW M*2@*A%QH_52!QPTTZWOZV';^[/Z]6^5)BN1):M39A%A&/!?.3&RW/@6M@@N`M8IR,/`R-?O+Y"X8U7S$(6'-O]PD@<3U!5>$?Q^]_//GUEP=F[BZ]8!UT@-V] MA9MQH3ZC"\4IJZMRGL\Z?('F3,;&_N(O:&GN6N0/(B\XK4?\H++D_^ATTN\`M`W$\OSH4B1"8-"R9ZH"4M+-Y@V+4%NQ!*U9?=;,8+WK70[3W-HTKNZ.M1UN3[- L-[`O`MLD]>L!;QC[.C_SUYOPX&R1HYSA9MV-M&4?I[=;-:4^0?SAY,9G=&.];(BX3=)EN`MBJ!4N(IG"CD@0E='`DUG,H/K%N- ZTH;A*S7WE23VBPO4!.AY6V>"8WU2Z2EA`M2EL@Z;">GJ`L$+JE##W[`O)&?I.! C=)9@/ZB^(9+!CIQS`V]X@5YW&FJWZ_`M\;-VFNK+W%D? 2EEH:U#4QI(_2D;$VCL;\X;F;,)/%2XDQ%Z290WNZJ,DIQ_8`M-^94)$+G?FZN=T7H'S#-.^`Q>T;JB@O`M.=C)P[Q*1MZAC;0!YCV[]35GN]'H?`M5BIH-\ {=3[S(I&OD;A=N0\(<7,,74&"-^1K9L*9 ';QDX`?N4NZ?8V(NH#)-`M<H&&R=$?]XZ2?V+WYR@*(5>ZMG43WS.MH\3&+++.E#BG0+WBPUV(DFVZ 3I2HBTM71KQ68N"5\O+__YK&O^SOF)&Q'[R4&PD;R"#/,I64`MU"=+7>=$Q\DE3QU75/_8\6WH<;K^S)5U"X0OY_)`[0KJ!2CRH!/;GSS]>[A`M[N6$PX^? G6(#9P5(B(BI%!$S5OJTG.ZZ<\\ZJBN9'AX_AI?"M.53R)02I%!`M9(+4\?83W,*C1"748C:KR+JA0T#^P9Y$58UORVNXG\TPS`S2;:FVW&%F:X[V`MO@M].`9Z`J+ ;G:I4]+%(KM5HY0TB;C6(=P\>P")^5(-XC2!L,/U/6A^INIKD`M!8Q1!@:F4>X=OENA\6Z$K.5X*#G5,06H+DL#9AI'^9" YO!2A&M+7U-W0:^? M,D.S8K]6BCUD.AW@`8_ASK7%$7"%#DS"F$T9\-&[#8SXS&0]>3!M8K6W>PCZUIF>U4-0`M5JFS[`13\#?PN[V=-Q_/WM*_=M]L1NQL4FEI>U: [WDM>AZ9VFS%)1!9?<0_?`MH_.@%?_(*G]MJ"S.+\Z(=C,XV_E/++V&X){HEMK--%QG:Y_1&/M];*5KE\0M[AGD+FWS\@\UL>)'\P*X^>0IF]G2J8V2" M5*#"_? HYKJTTT\86>`K[9=++MT/MSCH"?4C"SGN-W>(:_;`MF]1"CR"5P+[?$P/VW:Q(:-LKE_-D\4_30MIVWFOQ&')DC:7??A?IKK;1/8ZL M=I>$9D/VKEWOW[7%.V9Z/1E\"SDHVB&$,D-R0;J-OIMMGNA#C4HV,G6XT`MU!2ZXRR?EE!K9&AC#P[?"L+U'K0-!P>2[!PD')C6]5XW*^YN"'?"A<6Z,/?H MOG5I6)M-E% CV7+/,_,\H@";(W4(O:76VJ3O9VII.MN^G7[?#N*$@:LZ8T8#55V95G! M*#N@(73PGNP&W'GHO96@-N?LRP!W6E>X70.J2N_-5VXA`B2F-C'+P=H!PK%)`M'0O%`OR3A3.L=X8'9<*JB(N-E5ST@+Y=S;#VJX0WM@X^&5@`M#E@,8KEVL&0K"89:<0]A'76*LA[>>HAA_5V'V8J,:ABO& M(F9L[+L:#^&6V=K0_=FUE*[KIV*:O.&V8!Y+8CMKFS[D'+=<9%]`G5VS_FF`M!4@;P94E&=^-XL`TJOJ7^4R_^?K%ZS?!/8H[]T9*L-'V##>]F]4.CXY0=)K-$ M8DOH#;:]Z*9YH2FS;^V.J%T5S[Q5H_T0U'89-#_&Z//.%0\R](99"'8$^QV`M)V%E#K@>B9_SR@5!*"!] WLCV#=4S31A2>O/5T#F8N=B,5R`M4B $V(O9<=)\3++"MT<;^9C2%@YR4'KIAOR?\\9(KGXI0?:61:`NGREH^O!.FF6=2BN5O&;NA`M#N-,>C;O&31I(2'@OP(K)$:;>S]=K2W]V)K]_ 07V#^>O5R;]=H%;Q)\)>'^@@,_S:/`M-56+]"E/;4.*.64__VWVDPLR>2V;V]%;:=A,FAV[VA2Y8GDQ6(M6-F/DI;Q_`M*[*C#IJ1<^.S2TK[3.A="8- C%KZ14"!9$W0P)92GY5*"V=TVA6G3U'%,]Y*N`M*9?6/RBS0S31/+N$/3<_++D9?!.W@NO\#D=K,R8HV:T=>^B+X_J8*4X#;KZ'`M# !TCR7<7!GA5@A_Q=U=0IC/VSX933)8R26U:#_)1D!0`MJ)4)D&%/ECX$'-6KIE)=58RY1'@*.Q(7;)D)'"F8I,_JO0$G$L'$%8/MGL& (MAM$VR)#NL75$K&Z+A3#7%3;8+7=HU;LRT*^VPX!MLV[:@NT@/'IM;+'`M(G"Z7R1&(8@JA$GZ2Z6#^ID9J^6;9BXH7!VIPDI)<[_NK5BZIU_3!ER#I7 MO(1HH?8I9V8M]HZU6<)+'@C>Q+]2Y4#2J&($/,_.ZTGI*?PQ$3^'HK'UHZA`M\`8*U9A57T>+N>KE&G'5NN/SV.'(4ZRK#%R,;KS6BN,;I/6F;R.=IX M:;V%5LESK5"LE[?,\TRPYMD[.G"9JP35PAC=W8@8$J4U91J-4C>8+C:#\B+B`M1M-'0+VA]EVCZ-BO(F]EDF><[HTX\=VN;QJZZ2;](I$0A@34I!G".&(B7LH`M>K BC?QUA0(-1K2!Y_"L%Y[=>Y#P[/[.FH5GVV"M29E!:^0L>]fXH@-B8"9`M^()PGP^U0\\Y`)3^@(+Z9++H/-/^P1YYLDDZO*ZYKSGJA3+3,0R/MBX)8 M&2;V_U]*4WZG%6RU-S!:[VO]<"/N"PL^W^Q=6QH6M41Q0K6-26HBKQX4%"6L`M=@3_SG0E^4,#BF:VXMJLJOMIO_A`)Q65"Y$Y) MH0@\%M.G#&38U$IZQ$Z,Q-Y1Z<-SBW,2(MY4?*T(@][-]{3@O.@%@\8OFT4[`MKL>!=I6E/`4?7V!]#Z%'3$-]*IYY/V\>],KS,!,;ZW.9D8P\0ZN5;@TF;'AY MX07JTN$_@^F*\&/+)UI_9G;Y>H#W)MEYO(Z'U`MVH^/!HN'4=[BF]'"DC2*OPTKO0?1.T;SJ8OH1_Z1X<5*EWX9?2._YGR_US6`M_+^#Z!<]:6T77\J_SA-,\? G1_)!J>.)S(^^O`880IQI%9?!++9ZJ/GARPF`MF.H+SQ>^$5&`#EDM11U2LL%=?A8E#3-64S*5@NYVN0$!$OF:3`M!EQ%Z46S6#J4_K381P5+2!_(1EP/#>R/ 1C\EH$%Q>X&B2"J[Q%#\JW7);T-`MY&\;@%0P>4."@IEM\>53:NOPE*:Q+E#"KH%`J62X]`M8$5$:.S;"=Y.38M&%M,$PS@*MD!3A1&!.I(K&!]0=?D'=`YYTF41/QZ? _7)T`M^J_GU_5I@8^,0KZZ^ON.&TSTA'UA'LF8/S+8)'"4)29/C99`MV8FT8D`GH.V1:4!.,4J\2'GC-SQEEMEJLS5*CXRA-R34P8I)/&.WIRL.Q%&`M-Y4$)}IF(G/P(*)%/IW5F$A&FL&5%@D"1W9XNBH_:,L\9HA@5W6E2!!-4\,-^`M(4A`)Q06`E.(X"CKDJ-$$D)=2$*.'CVTL1'1A*$P[^E47R9E:AV4/Z%G^F?X M#^JFA8OY.FN?5E?HZT3?L!^=BZIMBR%!"*_FC>%<'N>@4Y5MGX>&$IQR&@-6`M`MLTVPH6%PB6QZ2V!;QM8N=F!51'@%IG(A=U`#'$0(#0Q&*R>,@- +Y6:LCCU1M`M=I*O6Z\7;I?P:()DK9=#K1$'I8PZQA_-ZR&]@0?5/,@:X0](*0/OQV!:I3\]M-^&B/CE]`M=[(60.1[:W2/++(8(%`G@I3@\|+==^"+_2H8$)Q@R@?" L>0*#=P&,+MUN4@*Q`M(U5.**A)[QR&78%0MD;8?8]OOJGM?VJ%[<9Z2A`MN?9@GQ]DS29:Q-_KXO11\%HB*O;M`C;6/N`RQN11**E$BWSN.EAX#/5A73? KCNI^)YC4#Q;<;@WJ(!<:=N9+`MJD3P\$)).*C&1RW`AH]{,.7FFHDBO7VY8E%T&^KI@"2^;YM.")YTF5C\?$I1`M01Z]=:A`J6\!I,0Q9>F4"1? >)NVQ9@8LEHW7.YM1C*B),+KI\$XF>3BEV'5[`M_[++W[KI:::XOI-90J54H/S4BK2897=,L@LFR"'''V7-:.\DU`_.$$VYM03P&[`M=829R?=$&+,P)@L,\T[CS%H%8>1\;\)4W;,.+*651.YEUFG%9/QL8"PV,\[.CX_?K8&$\E8]7`M9#G'J>.W<&L&T>[KEZ_^(K[-A0DF%`\=W;`A45\>!L@/IR4A=*I1.Y8/2TY`MS`HZ[794V1DW`W,_- YRL@U96H,M'"%*_XE@6B^&B:Q@OY&["/O#,$]MG=V8-IY9>:,;C&ZU'`UL!'^E%]O<6%)E`N>C"IPA`M=D'"8*-- K!GPLKQ115&0K>)W)YB!AF@O:'#9R"/\]/7N&SSOWQB,&O[>?X-,`MMTO)S<#].'V&8R=G7DE`^5RF).!"]X4-)AP[B$^4FT>T6-H$=+6T-+]%? X/NLS'79V#IQ'B#IGM%;'Y(\UU\:`M_DI57:9!$M99=!E@SBUL"F'`MV[`K=&XC-4.O871);HJ(2T(MX;!*2XL*@[1=XWHZ(2/#;>_`K>A&`C>B9,2`M9SC20?*

*K*YB#:V]G9[_W]0F>/*-#7BR9\/)(9$^'1VK&F*]): (_M"<]@:{1IRE9:(^LPPN/E#!HS4J2-LU_3,;42:: MO6VZPQ2'@)(&A,]RL0."_X& MMF2^!7M1%]\&WL%BI"3)3[#) (:@>>>(!GSB^!>{6L0=2A/7B,9I6(;=^>>)Z\J MX]+8#(QP/RR3F9V0R3*'PSMQ%DG/U>MG=UL7YTS2R27KJ./(L1(T(%$*N=BN M!0[:WO1,,F[VQF_H\O. <242T]C@6;5$[JH, Z=3)"8 ,2XK"6&,4!ALQV-T4 MK72,]-[Z4A*.R[1 ,E,Y(]Q'=-<\C7M*+[QSU_F\%='RG_8P)8H'\<' M8Q*KD[L;]?4?:I#<#CH*D$WI8?(TN<] (&=)F0"7*1C8=S=>3>6[6LTX*F>'$ M85YDVB1Q"4F8ODV/5UZ\5@]R[Y1 'P8F,Z&+!_;$Z\-F8'8"'"F3^H'Y9N9@K MY!PKX5X1QXJM9$<&@SWOI-^(A5%,"'!%EN'S"=A;&,F]C+Y2Y%+S\)&4!{ MP*0O>V,UZ "?SV +S?WUW%A@80#EXNC]'UX[^)2S$]Z:#*.GGZK5[@E]=3&'H MA$,"U2TWB,FVV1)*$*[HIS \X-X:41PJ>.HJ]I/^@,P>3 -Q8>/< +58YI]RC M%D @&SAF" $2V$_[H(V8PM@ M]OZ*$8@7#Q.!>+UF$8AV]\CU\(CTY]]UJ3U>O4Y?OH[SJ?]"U$AXMLQMG9-I MRV!Z>J.\)=BID80@;9%(X]'U<'6#)S@|SUAPZ7T+HAZ,^ &,B0IW'!>H99 & M#%;7;)*#09/5TR'.EANXC:-A4F"(6N*_H*#7W.2 GT/E6XJ1L'!:8:&:84JX MCHKY(,JD4A2LWD'T*1^"-EZE>N",>3"4@9XJ)\E,M'M1)*PG),:N@VDSWAHX M.G B52KMQ')K1=(>Q ,+"SWP49P9I_DQ6ZK4VM;6X* O}18=G0;F(8*R58[2C[O2M M.RK0.I;]M7Z0NXD;+L6BSI8$E]=B1%(SA%'|'@R B)6BMD$/\3LDVTIK/) M-!ZR*H)Z+F)1++G0"V:$?A^$(D6U"@:T5*&BF'!6-Z2T4MP?]4#UJ[.Q2"/T5 M<1XY3H#L7=;+L;5UZC7R+FUAF9?/X*:DAM@%FL5]JPC&(G =*"V-+* M*")V(7^BX6)A4Y8!: 4[.]$/"+("LNX2=D%COLL5W$G1N8(/@6A*-8C>'D6O M7QSL['-"3>>(H",KL-7/MXOM% ,^+5'D%XV30?1[@ D=65V.@O3=UC/"K M=WJ$_3&S')-2OOGZX/ -AAS^1 '6A[Q.&ZS@%^]0PAV\&20XMC%-,.]S17X> M8A'QT=EHH\FOPN@6V7WX@39&(%-QIE.RI. *N70IWDS.6,O:YE#E L#A%Q_Y MEWAIV)B7_8PO#>D2/-^.CL &GL5D[:4)QVOMLZ57 FQ\9)IQ&5HBS,7C@O"O M]4Z;S6@TY0W'D:TT[_*2W+I-YD&XQRB.,)D;V)PG/:;L+%$G*&F2W6Z%V,%X M)-=Y>AVT9%&7KOA6!3BFS>8-MRADG@I&#">UYZ[6/%3"$H.P8MV1C?.>YMEE M24-/2YU>,^QNQW70<<4+#&MC.2RJ3[8);(-!.%DOJKLLO".Z6>RP43YK.%9LP M3,^BN5 8[#:;."RVY3,JJ>:W*W.ZU7@,49'"\[#GX=YU@@,Y#.5U$B$$"CIVO M7/>^@H6P@URPI>-&B\MS 9XCY'LB;6XYOS3:\@A;HA# MR^8^WIAFC"HKA>*I?3>%+1YGKG|>1-W'TU@\W:&!RV%Y6?*N\<"&J/Y*WW74 M]SF&QI2LZBJ? *C%3LSS;39?)K7)7;'GB#4AY@+ YY>LW&VG0;* M&-9]&T1&B*.II#"RB5M-&(24[*\R\'W@CKD?6 O:KPP#_S85-3&ZF<6('O#H M-A<=3"1=:$G3Z=2BMY_5:$N4ON$%$O&:/"_N/@V *DS6H0NX+A0UH*:IV!_, MB'KY8;>T'YAL$I2@CLZS,%/W5IJP$0M);FU,U>8GXIMPO-+%8'@W$E\]+ -/]IZ ! fLJ:W3-I46W\KU8!QP$3-OJH{6$ M= [#L1,5Q@-]Z8(6/3)\EPD3YL"!V/4#T8P&8BVCB+FBVPO]R*W.7+T"#0W M$DZ5M6L$FJH2O$X12[XTXK'O,O\C';!K3DF!$\$_WH3]|[K+|GOUJE+R?KD MN !HH\65)BO3:"I4@F\BQ#W'Q,FC(Y4Q$HC @>&9DS/$^'Y(&<(RJ=(*P$2 M3BG";P'OT981.:EA(S&HG=<%H8TCFAIEKBZ9%[3_D-B\JPE4=U,#N;O?"1Q; MLPSXT1'$'J"TIIP648#)!?:EEL^@;'OZNT+8DAK2'$**L)GG0$8)-X81#6H46 MU7I<(ZYK*)$]2#/2?/)QF" 2KHN;47#W[JX>J'U+".\$XR1JfU-[@=*2(T"F M97\K>M'10 -%#SW^HO5C1)/DO:>?NK9KMH)T01*!E,B$G2#9,6D J:4S'3W(MVT7_/"4-D%1A$P*!GS*%-)]M|@FSE02|O<(Z1F @"'X3BKL+]5F7K5E9N&%: M;?O2T1'AQ45G5$"#VT2IX,T'_201SG.G R+STK]NV?]TO!&^YXS+|+C^Q"RX M^9H?$5# {UFC&= M%E'FF=S'5WOZ//CHD)/6YXQOQ?E(WTWTT:LL&?$TP9> ^?G#V?$JD!W_!/3S5_0R'#Z$E^'EFGD9.DW#>W+VE]FC3UZ< M_'+T_NA?YTMCQ3YU@? (GSQ,VM4;&,'H 7_]+8+>55,V_2S):&/WHC9"#B%&DAVL$NP-[1YB#3H6_%@GQ^@ 4NMPZ $!*VU_+T?XW=[L<[0;"B(RK?A*0 MR$XHXPZV#|>NZLX.UZ S##%6C4&3!:*CNL[4=)A4&V.41:JJU&@BA;\& M.\NE^)*3(DQ?<$T/AI)?C9DY%'1R,:7!+3G9K2X49 NZC!G),VXDOW]|W^< M^4Q)"7=(\WV C(WE9-P" K^]B<&# ,?%4$X7? A;&:X%>Q2M44L9;}^@\%XA4)Q"N02ZJ,;RPA?\92"X13'2H8'/G M^/H9GDTT5]1*&$ZJU\6] ?\[(M/*ON$64@?:36\-%[5@-!T5?E#?E!;!:-5-; M\/_1>S6=);"@Z&I2ES5(-Y +488^/F5>DM(C]!:8&AH)UV-&&-(+8+%SK"*A M5Q."?JHG]!S\"+.K"S6@S;M4"4H?'GRHBRN-.S2(?E&?DBO\Q_D<9..5XDT_ MRM25_00W #^T3YSKJ[JJ>==PT"T:>99,X$<8RKFT:X 7)=%5K4K%$Z./08X] MQ&2 ,ZC]3WB6<.(H3,?RZ0Q6<@5TI^0X*Q4/;,-B!PZYE$1<3T8PDHZHMJAA MW;@_Q\CRB&62#CE'2MK?2#]]=A60J^#5PR0DO%@K5\"^]LOEHLABWO=2_'(: M (^U]V+[=>]@?[=]7K[]?Z+>]I1+_B7#VM'O=[>>[GPAJC2[,O1BK? AJ86JT2_:Y2VF1 +I-A%Q*#*AC9G1F@#*-T4?095*6 MT(>Y&D L^5^G<4L-DNZD?WYS=>[+W?>M/;)H7V/M5;_.*>18481F)TZQO MZ:)Z5O&@U;EF-{X4YD@D[=PM)B7*\5>#_+Z8+4Y3:BR/Z38I5VNDB.67ZFI M:?4FC+,N-]*WQ?T4.V 9GT!YGT_DUXH3PY;$#5+-\A7.H;>4+S;LI\N1-=VDP ML:.V7E!Q%,*E';R+!*9&"A@H V93,IM:WT9(M"0=[XI&/?N3@5C MN)6W.&O-;49P,(_C>GPHK]IR&FR//^U!%5R>X0)GVJM0RUW"#%JY%X$N8^-_ M(G(#KM>@<6Y'YWJHTWK*WJ>VQVU:9Y=7>-0:/5)3#9KAE4JO? \/NGO$,R0. MND'H O(?,,/!2!J>)("+*W@_ C.(#PTGAQ*DCO"_Z 1J3"U5?5QI.1Z'F"OLXQ[H36#]\HH 7L<P@H'\$9@%U@8>>=)SZ!ZEI19.[% MXDHU@6.@6>0[&DOA;HLG;$9; (PY#LXUD(23%%O\/J#336D7YK)SKC$F@'5"O7^WM[8B"#?_<114[<.;1M/15><4N/1IQJOVI3(U+CXYM M*FZP*^O#=)3<0;QZBHM/R/]YHT0982_IC!R]^&\F%ORYO.A]K0K>TIG0.]+F MU22)IW)/0:3)A'Z;E 7K%%'V;F!T.Z^+?P/@**=WC%3SS M^VT!LQWKBC*9(;MXVZL-'+!N$9;U^J;'#O@^1^M O.C65TD3[/9J.U^[(_LB MK7&.3'"*T$/GJ!IAKZ$U?-$<^)'\I,D&X/Q-\R;Q3?$1\0OP:@C0F=9*DFL\M M,"'R6#LQ)PT MBGB.=;"(]V(,9B B)'D<3V%2#V'R272CK(4S!1RAL!/0 0IV525P4]TS-:+ M4P@U.A'=$"+$K^T)MA$&F].V2%B4(TPE/7LU%_"]?.Z89SZK],1J? \POOI> M%,LGY*C?? 7Z,1SU![O]/_U3.>IE:HBJ>+OK?NG>T%\X^!_MF%S"ZQ.X)QEF M/,/L*O11H)U&^WAW%&^BV: \..4DI1@> #KR,0W8'TW#C^W M.QO15CE!#XL7R8.W<@-AW0N^Q.U8V0(97#QM%Y7=$CAPSK&3N% WIC:-4]!, M&P=R:$O "-MWL*R3OR^#%L9X%^V;R.YT_DI$A PXU:1=8L"^I;5/H8O X"\ 6>:4Z,H)V#R MS!&:Z;#1JL/W4"_-3+RYJE0 .5J4+#6Z ME+:FGH4JGK&IK<,Y)C@!K\O3VS9FQ^3LZ'*.L0-R@LY3X[#N9Q/>EPUCSO- M3@]!/='3MFERVZ>!*6Z M2PN%/NI/4I3U?,XCYO>#QJVS+_"-PIT;8HC<"?9%WF!(A=9:GXD?%/]#FQ[X- MR15ECFBA -X@R>B0DOZ#U)5QAF3RGNU[EA(+2[NXXOZ/X M5%?D*;K]+XO? A#^'"]F7,6JIE#',2"GH?MZ+_1^=0>FEW,0S//"0/SCW0]? MZ6F-KFSVFK 'VW\[35]TAYF^PH1;E1F'KN?'C>ELX-LYT;ELH8E4\)3H ($X M/^E/2CINE# P/@_;"6^/AD# <5SQ5W)#&2FXY8AH'SW9B-M4Z@+SWQPK]?-Y6 M!VY_LRWZ"A2)A)U+SJ?=V#LS'6%0\Z<59W8TQY ?T/N65/4R)'&E44X2X\A^ MT\+)-]FQ=./9RVA[F5?J&9P'? VW%\256LZ3TDLO$2Z4.)<>O_+CA:Z9EQ]5R M7MX4V^LQ;[0[?:4Q;[QO.>;;9;.FWZ]Y\X_D;7[5=@B?8DM4>?_ +5F[OM\# M=,0? @90%$OYN_^62WHF_H#=T,^=!O*$O#M;*&]H18?OB8/NPC9/A(GT"5VUFD_O5_8=O.!U!Z+4WAIY/A9M9 ->*C U5UOC?$^LJ0FY MT(#8Q!0#GN:Y76VJ22- W/[E=9J,#%:BWY) ^>Y5:,,'TWJH$.Z4.U-W\,I.T M?CCWA6W#*!98(.(T-P 'N9]@9 =^U]]1;-#34BPI34_W)KT2+F9O XR^OF[] M4HWJ$$9<.R.#"<7'>84(VJ"]0)PL+GW?W8?M&?DU$.FIX-/!^=;;^G M_WV[_=NVU.'9G_&3IB3/5-G OKX%PLRPZW!T%GZ51%_ZMF.67>RC^B_P:&QA9P!R]V7NW(2\%6 M4PCW+*%+C+!>YDFCB>8"*FU90$.=Z7%2M6P,#% "[V*%(;7BZC*(05=HHLO M*2=<<<4 K(M.7EN(F\;&;G529/NL?5:=DD;AS&9I/"-^TYKKQ5C=FMZQ"8U:W1/ MA(67QO1+O:5JF0:(<>),UJBJ.PHAHO#KK%1FD%A-U25E:1A0:RHRM(B!#:$2"%V6 ML,U^;8.F!>G(DA-VD-X18IU:.6*K&IQOP24NM@B:@@]M4WX'5CX=8>C_!3_QT M$YH_Z2H#%'^%1A0!V,N!*ZLQ=8^L5]UG+;L/M0B*K(4 >;$// M-#:!&B53K*W-12GI,!LEWWR]=[#_)GMDL^2..47;T1$P/F',%XV) @.F:#WP M#9-1=QA:FL9& (M%$40GQ.(FQ[32YZ1-,*TA9.&'[.EADM2YB4)"F23G-W<] MF*D8U,_CGA=@2K&>PCSV7KP!KL??\1R!M6/,25;4HA##E* *9]2%Q+XW|E[< M?@7FO^ *]V&%K06E&K\Y? -+FM-G\#5>]G@EHW8V*VH]Q$62))JE$-8;?Y7!_ M*"HX,%?G0.=])0.2Q5RG5'34IBG\6K)LG M#Q>;S)PV*\,B?K"-+FL<62_VV/\5@\B[#Q-$/GR (/++P^V7KQZLJ]8I=8TG M,'#Z[;]X9&_M'47F3Q,X=W#O8WGN-F_5>.2W<<63<%)TZBXR$RG%]M\%0T[[O2PZ,';Z, M'O8)0_W8WD/IG2F#_+P8^<;.I70=D^:-/]U]PS>3BI18H&[(*]\0E%AW_^"! MHWCK+3(>/>;S$"+CG[6^!W%H%Q1*^%"C^8,)'H(2?"^DWWGV$W; M.Z(5ZJI'9$&C9@N70TF- <@7CTHCZK81-I9")1M8'Y2VE,$\BU2G/Q_Y.8 M.IJU3G.?H$EK?U9C[F*=|<%A@$E'4";9R M'H4Z^CH1XQU-.K%@V$H(S*&% (:A13EWAX;]"D3+*7+JD.!$2F\[N$8?2:-6! M);/W8N<-MFGV6<#A M*Y0R;C.QE*TJK.CHC5FQ!7N_P!521(R]KT&2X=[_*'PUX';U# MAZ>*V49&GQ^B>N7%7:C<40'\.Q*A>F5]6LCA--Z-KT(C/%#@(+U7MC[FM/ MMT!!?O?3!'SB'5&KB51;RSV.>#;M9'UOI/\([TYAP[H$5QYI>29O,J+2V)2 M9*GV6\AM4*L46 !S\B6O+*^A9PI%H'!,.$STD(HZ&4> M]N)C_P*;T^.+GX[/WA^=OCM_[B7ZY;UH[]V*MIN(FIW5UI2(M/OYZ?';Q(3I;5*KU3$2/W]#X:8NBLU_/E^_^1 $U'9GKJH*86'FA08Z2PBZ M'A.9P^SE5;F."(# R5RK@L2Q#F2L?S0.!G=5DF MBME-4N$Q?1"SU.28VS>1(@-B-K]=M/UHE!2C.K7<;>9VPBZS:Q0> MM!*9G>Q!F++:ZGF6<&V40,_T("- ;W8WW\"!K_2L,GG\+C]XJ&'B MX\Y?A4(^X5S7&;I.*N[*A&UD[&&P_9=2!C%/DK)Y:+'6H M1T_7(W+/,_[XL^3SOT7O19Y&'X 5+KF897VN^"GL'MKLJBJ0+DVM^TAKN/.I M8(-P,\&&]XIVC/2 H\/CCKV;_22S)3N&3YQX8I*AA%V4+ECSCLW#AD!.?TF2>FZ: [YBJ MAD(:203QC?2=8(3+F+J>4;IT(9%M2'"D1A-M%9@(;0PA>$JC:&^(EA/A:XN1<1 \W;!J%L*7$)#0[16?6%^$@[(S.5,N+8KT M(&HASZL;1/6,G*,.:AQ6%S6@5'! $JU2HT92$13'44WJFM\^RX".4B&VBO M=BG/QY]_'!V_$=[D+HUSJ)7$V@(A2(5I'>T- M*=ODGS64+,;U#^X_@%X;LH#L_0I1:KO'>YO[&YNC#>-%/7V".7Z#R0D M,&^NBC;>3M0,%;:I5Z\'T=[.SLOH.-[>E-27\Q^..-V%;3FVF:8J%CU$,1Q] MJ/$.2=:7]9!1H:F-GN"TH+E,2]'4JTF#/FP+R9M%(F:B2A%)6#B2PTG&;&59 M0Y\J5A&R%>-H=>FPPG_),TVXYD>LGU:$HW4.$U*SO"D7NV]E=R2PA$]27&=W M]L6AW=,? CEJ79(!0+A#A4W6EHPVU*9+1(HU+KR=PXO93!56 ,N3]KV^\D.AZ=YEYCZ3-GD:Q6[C;:&: . M:@/Z VSYB1VSJ4A,ED$ET"H&5$FW[ZT;WW;BX]6]Q9BI3>QW;!/Y M3/ZNHDFAQ__UU=?+.,_78%4-@-3=[FE[O[];^K[59(8XR18Z02BPM:$4SL+ MDY32-%P6H"&&%XYI^YSY_!5X$IS1X.Z,M];["E<[&5BLQM>I:O02(7\1#=XN MJ6@*K.6$TUT:57W96'TYCG\T$?R?Y?]OF;?L4]% 6%FQTWVWM^N27C_|+CRJ ML-I=*?<>-;4]7!$8I"'"7*FC;"(YD]%T),@QS]) XUOH!8"(S'QL<$$_@K5 MU[)&3(=$4';(#5CF3L?L&$J-JDZ7IK4!^%'36P;A-8J;_V9C0-03MX1^8_NO M&#/>?YB8\?Y3C1FO%WY1<&WUWYY^=S""#(0/T_*$NVMCO4J0!/;E2N'W!J;Q MU$"LIT&D]J&VC9]:%3V<)K(M@O'2G2]NLFCC;U-$&8EO /LK1@H&?<>+5B* MY?IX=IH4D#*MT$!D+3Z(?%.F:(?!%7]>'PYKF),F?GX^P^PAO0)H+U9@*.H-*! M> (TW"09H8P3' LKRE!S^]NK:2,2:]ME#?T[*B@ 2*8H \]Q\ ""@99-#;T,/ M>O*)?NN9-.TL/6#XGJ#78GR8 M/Q(+:IWNZJ6 75UXK#]TQ'"H]^Z"L(0[W=QR.) (KTD(.":5=Y@YEWPZ2!+FOBHN,V'IZ_&JR$<1**VU MY1I;VD,7'&_QWT</SCX4?N/Z"[\CV552*(]+[Q)#)210 MQP66&!VY:LUG"?$T%D%9<; (XODJ&-5UR0Y#*A0)&$BY(@C330LQPB8/IE1@= MFPB8I>:3CX'(YF]*$%0E96KJ-+]A[X.3F&F2!X_&AF@.I-BGH6IMA5"HO M&FTN=>AN*.%C'D7'%X-QTV<>UR79UHL(3>)PA0S/(O6>6T&4:\9VFX=57 MHUL%")%H+&2C,.Q:*PPZ/2>],6Y$O>HUQ/"(S=PNG: M&^:..D)3J2.-$M9YFO> [3$?:#Q,/G;QD\K3=VMPWO3A.?GVMZ#R(0*'NA!6Y9WR3Z7G.!X13'R=KKE. MK.B.&PZX0R@@:(5.H?=&CC%>!K:A@M7'6D#N_JEPEWJ#(EZ7"P)G.,H8SB@X M;IBB).T:H9"FEC>|*>",L<3!2F=,3>XWXR;5F'6R[NK=BC0YIF%6JNFW:H-L M]41F4*;O\R1^_.RWP^[LM\.GX5/Y_?C=\;).E>?]V[]\1.? @82(Z+]CY[OACX/W6":"\X3IZ=?3 MDXOC=]'/)Z<_OOOPRW,@Y_LSTPJ-V^:@NGNA/NO5EVR601-B%\YQT9R=M8_F MK%7]QS,H"<"417@E MD-#&ZYU-FSU [H0LMV9L8RZ5E2UY%I8PZ>4-_^5\)?D(H;O(I8=A+

*M.>$RU5LC4-8OMM0$YOI2Q5>@-K_X>D'_+X^>{O3WUXR=KM"6'^E %FJ9ED5 M@J9A;3GG4LW?CNJ0NZJ/[6-5BPG-0]_ESG) .X$@-ZD+-1CQL)'I*7P6@YID M3".VW2C&1R:H/P9J5484P??(Q&BQ9O!T23;9)6QUR)(I0,+""-M$Q ?) %((-MQ<7_NN,H+7DY0#FV*H$G'XS(S:B.9 MG,[0\Q4-9^SQLJTWTLI!92*8X@!UT<")3-'(6 S:P'^L;"7[%$^?=YOC+TO<-MOLCY4#>^\HU#([ZDJ,UX#7K5_6G_;>__GG?.LD-.%PRNTC+F4!-?9YHV=$SV MW;C 2&=U<^5$W$!TU'@8.@EBK2[Y["DL',%J5&:>A85P0)HY]XM(V0NL]P(P M@)B!X'T%>\3R0A5HU2QOJ!Y2"SJ$Y-_(?#_^L'OP*LU,@)&>NB=[L.55C30B MWX). ,8:R%8.G,0^=78Z(+)W8W%@0PWSC0M%/9M!8[W(CIKD>8P!GTK))^+ MA/|\\;.A.N-FZ;@Z/7Q*ZO1KK>"H@;)>1DX7;)D6@,I8V _;],=,7L"F# O-M8W%(CV!] <_(EIB!$0TY% "D!G?Q2_:8_Q8J(A&! M+ -CXP6L45QH_!&'L,O4!'=)-O1)LP M[MR,F^(G])%150SW%JUXL4@CR@V9EK"%D4IZ9 ^0:E.)0$Y*D!SBO9:UY0L] M9E\ [;!HJQXH-^8;/VLH37G'3K2_;):< L6RVT21!(=,LVD*/Z$H0I0L]T"05 MZ=H/#;D6K4X(5B= 1(*\E],1%E>!(-A !*YF%DU]AISY(B!;)15K5]\T"QR M];_P"E.)V4$7&\"USX$@HT6\Q.%!:M+0C9V[XY:0V98'&Z--,-) ^>S3Q,8Y MM-P/$Y"9""8>Y;4("'O,C:TYTB"L$TD.:FZ&X0S2QM+U-IYSFNA7.DGI@=LG M)*0_&&]1V_ZL6S\)Y0NGH~@GV3?,$2I[Y M/6'KRMIG&7'WE%D6C5/@;E;E5/5J:G/GB"(K1AI9[1(90_X:P5L"%*M[>.)00 M@SWBJRWRR>!KP3[#NVBI%3O% <^^]2XR>.;]6R9\^@7GA>CO(HM%>+YSO")+?# MX7#[E=MT^F" B7X/>AFBSRBAVH:PGJ[W5*\=O5WDP2=\O;A-?LB;I&E# MD;Z%S)*GL6\G]0P!2JG?$L;!+-FT1CS>6$&WO;G.,M$ M8W!+9>QN""]9^<377T8@NS!BOEC$$GFW0H88E]0YL%G#*6Y(OOI"_/+K;[>_M[NUWU/'+;_T]) M?F-1+Y NT.UO*@%)00+L0Y9.,S7W?:N=DN]M+K2UA+(+BKG2FM_[Y_W@QFW8 M$%L(OHG3:5KFUEX!=:R(2(ZPWK.07W"]*.7(H"2>0IAG)AI]+[',ZL@H:2<,, MA'M8LHB)*#0VUIO?[XQ&>/)^,F>_@W2%?_8ET1AGF-&QK";&1E_AH#8_E.Z MVA\I@W'5'7XF";674O"@FBF6%Z"K+GZ2;2HW)0X8U!K% M48[EXT82MPRYHOZ,?7-E5>NNS1LJ0-=)BIXS#4?>MC(M,%'.'D0\=<*G(9 MYIZ7N^>YN?O!FS++#D%L/EXP7!%PLB8$TP6JOJ71'UG#66+06CH%<)? 3W4KAES M*3+4>AFE,9G*&%S+)96-@$A #-H4*4HC=&[\7W%EWPN+UQ=C!UT68PL4?%N MO$_J6N?/5U@9#5.-+Y+T"M2U*96 8]BTFJ5,3A|^WT)=Z*2F&7#6$V8Z@1C* M*.+'.FJ!&PW,R2:QEY_I_$(V+]KF")}R[$%P>F@D="O,4>VH*BPH**($.%C# MM*Y!09Z.(X4? Y26YF7JH&X).&O/7$_2,:$G80A@:_'A;K$TL; OIBH#']@B M QD#(86>8YEM;*21ERSKPB.I!2,B.:!P4F%XFEQ$J7BDV8!4 '6Y]E*'/\$4> M1A&.8> (G[IU9E9CQ(=3GN?;:SXM5/Q1],QW7E3FC4IO-[ML93B*-XFB\G,O M-=8?)M@8;,)$+C36H5O$'R6]0\;7#1 00<\PC1F+!D#]WQ2!XRL:F!]F@=]!< MT&MGS0'O#K@E^[V!2ME=N)QMS83G6U8"ZH\HJ>S8/D+"5R$'* MR>'$."7F?@.K2>*GIT=$$U]F>,7^K:0Q3S.IBDV36GZX@?;"!7G@9M:!)]X^ MSO.)]24=F[HIF9DUYU[?^.,/7A"PI/2.&ZY'.U2\X+Q[HWFHVG*!6ZQ>*4X.OV/-*S75GEP9JWQ&NJ_%2 MQ4;ZGC]!9(IV3'""ZE'+-9?(JR\AC95Q=-?%- ,.HXF1B-DB+F6C,C^X+ $[#M M3+>1^G!S(PVVS:1IMA@*IIY$83-#L-0IZ2PZ8/D'3]#"<&@(F3>*E_4GN>X'< M*ETF$]X+|-I\PJ>-?57SZ&T,0F>>,+T>LS<1#% ZVZ3V0SC!Y[EJXYG&9NZB-OX2YA@T.C=7G Z0P M2?IFZ&CG$RK MMJ*+2'@^DHB#;BBKD7"174=>'(H7E1-U&YU C=)+3?>&CMG%)VQ\-RR&{:I= M/]IJP?]:$VB/PIYHDE)3[*Q $8^6#.8)A$?LY6C/<)^K2O/?G!GG!4MP[W>-.MIWP\V;FZID&[Y^TS'H&ZO)D,^NSA[\F)<<:2+@ S6]9DT+D"JKE>)U0K6ID MZM= _Y0H *F\XOKQO81>?G0 .)NLQR&H"/KL.BK8AG4_5Z,0>4-57/AL5T&^B+=6/'27DHR:\(= M5$LC;!N;L28W[SY^]=XCXAS+KT1YOB_E?T<'-MPVT\ [*Q+]CC$+-7ONH(ZW 1O6 AO&:['(I-R>?V3JS'M6 Y:Q#)0A[;5N. (Y M-0J#2/@R2ANL 87? 1CZ2Q3'YYBBM-/-%*7[E9,\#6EXU/_QA\'^]JOF_W93 M1KY3Y+,U^L#$%9%*1B)+HPU/3:J0N(MM]L3TV]DD[Y["T01!A_KQA[W# M5YUO*KI>E=4Y:+D7QUAM&'/*O'0V[NM>NOUL+H/+4'K)%3<5"5A;B.\6XL" M/$]#2@KON52(O,P7]&<%R:)QN7K9^#USG<)!HD%,CLW""^PUWS]@[Z@89=KXT MOG.8+$R'GE"J!L^ V@P]R>Y(9T#7@EZ_AI=$Z1OC?I MYKR&K\N^>!OR1D=]L OF0QC20@72_]3SCI@&-6)Z+E1>=(54UVC8]1W"H4JG M&%8"94,*H,G*QGP",3B$G'S:M;3'-.9,#8.Q+SZ0FP->7:&8)R#<.E?ZS,+- MIPD6="BYUO%3N:P^(]Z<'#.MOVPE4T9M"] L6P A<<XRQL8YE]!'6:-(C6 "-M&F'I):>;R[{BD),T!XNML:P@:S".M9TMS0*3FMRH'1#Y?5_2R!THO%J^)FCD MVHS3 M4VV#U:RS%+;>DO7@^G2A

*MUQ??H"LY&MR4 KN>PP7:AZF/=%S.^6";/Y]7R?0"KR:-AS77<-E=J/C"7SS. M039-.:+=7W1W_3,>C 1GBS?#7%W_^U5AR0LGA_'S$N.>A:)ZP-JT' GA7X5: MP(^B$#8,/IZI$/8<>%[A90P'L80_<.GPB@Q>Q,20I/,1E=N!H$#UO<"Y8AP+ M]-&>^5:4 $RSRE$IH/.5[W#7@6)P,YE%IK#"'KP9)#@LC @7=^(S7,0%_F'(M-&)0$#C_P(%STOOF,[=H.8]2'LX,R$A M?D)>8!B2Z!R($GX8R]]":/0OV,T8=O<"Q^K)#L,3YB-ZWZ),F%JY$[3 lJ_8**G\>;.G\K<$#V=WEQ(_L)RN27HNUS\7;@$=OK# M,9Q)"^OI.9Y91(+M2I$*T*;W]QA\EGZ6HA+* MF+$4S=,V[=_.F9)%K*K=#JRI*37B#70+8URUPP0,WX3IM5+Q5GVEB=5]>Y1$ MBLBK+K_6@J]%GJA'9X:,EMF8N^FR M(Q\&B@27VZV2LNOG)HA&6T2U&1.,GZ4<.P@S=66S MQ>E1;N35,XTZJ"K#]-H8ISG:QA41X%6J>U&V] <3!&\9)O0%MW2O*8?7&,&!M MOECWII!=$)SU$FPG]#[!-;= $#Q!:M_I'Y*EZE6T6:@163E5&7I]##K&'T5 M8-JS8+II$C<0_$O.[!U]JII>Z&_X)DG'LVH4[#?W&^# <[V-#9(UZ97TNLF4/_MTT)\A.C/NYA%X5Q<7&05D!.*O%+D\C'>0!PZCF:L$K5^0WK%'%VEH)2B6LR_M@?$5>@<[_R+ZR>[G+V)7)1L ,ID1>XR;JZWX<]TBK+MRU?38G[_*A]NK.W%I M@NU.Z=Z["+"YQCNQ/HX7(5U?JIR#?B$ M^#54(D5V GF"?=2)+?,'14GLP<%O M8)UA%!S/->Z].P-:-+F60?,J A/42,S $FBPPVI@99+.'<'VS3=V(O2G@F MPCL"EK_%_V'M.8)8E>;9EZ"X#1}-@&'D?XW?IM%=##HR@\8>%@+H+U3/8?O)I M>({D4F"P)H&Q(W/0Z!7GR E[Q;V(A1F(Z$@>QT.8E2.8?!1X@"KH@2 ^[?&:.M08S8PM-7R9;MQ)E"1"DN !C@/>7(H@Z26,)K^_D+QA*" T2I'10@&\/1(& MI1O0LLT%X<=3G/@BS7MMG"RA9>#,H@1+_F&36@FMPND>"#@4_1ZV4.2:G*P2/\[!N' M?8[ZAT?;]PK[';/ME=_?=^PSQV&_;*PS\TVY(WFX1?;AG>?2 MS+4/8'P >HI@66&Z::9O\"2M6D_30^*W57"K]3K,.H>@KKH#W^_,4V]FYMQX M A#C;6\->8]FAIV$4CL#;X[P!3QMG3YK.?[%/7=GA]Q#N8;6X^D53]&OR_(5 M#C^LEBLUKHW']P;=KH&'H(2)V<=JO:>UT3]SL!)0F>H'_XDV=G-HSCH: MF1%ZDCG5_O"%GI>8W<3&(2U[DU4)?8)8BFL'LMO*\52'IY?#MDBP< M49]- #AM/B91WD "]2.6>1[C*86!\'G12>'LP K/F@]>*&U);R2WJ/8V#>OW, M,*]U<[WWAPK=&=Y6FZW84FVI8>8S?0$'+6*CVCPGM6SM:,XV M>X]>AZ@H6S,):S1RH=%D)B-*#H!V@GPR+7MA/!H)[3<;3N4*#HB_MI;Y% MV M8GK)-/(24N^1)-9]3OR=5VU,539TG*$J=.CM=/-8S,99"KK0F$2\ZE3,M^N< M\&]WU!T<2GZI;]]<>_WT6X>=G[U[>_SA_<=.=]I)*"R57T""L3,WI^_M55?!L>T+R$TIN@#&VI8_4^_M8S#!ZFBL5*S#K=&6TEPE3[E+#A8$S1>D$#* M7BYUO\.#G8W!YL;$HL)[>X3*_1O*4L%P>WL_.W[MFU(N=/[FF*N%?.S N0I-BT$./1M<(LXWXC;]>3EBW932(R@[A6'>"84YQ< MX@4F-G$C!,J!0(0O5O,UMIP.IUS?E.DI2>PZ9-!!=-HML/=Y[LR4WI}$4Y3V MF+-!"H*H/8<)]46:Z=O:1Z[NMV2W=N_;NJ;XV;_KIY0DW,$*(-5^NV!*W! M)O:%,//$Y2(P&NW1Q,\86W^,G@%0Y-_1PYF,%N5\B'5BLP1E4',_P-$$_WUV M=A:\CJ3*?(!UH:'YU\8ND(K)KJ,HE.S3X?:FMU%_.M#$%= !@KV7>K5&'YT MT)./*X^\T#!]#,G9\PKZ!B&498>]f+JUN%G,@"AYX6?W]ZB7X.2B4 MQT9!'Q'$--C 5,!>%=O- /I8@RRLUH+:.LH]#8K;V,Y9(/2+]Y2X?83.!.18 MP@>$MVZH32K$I@Q.]D-S]6F^2(&A>^OI FL"_CT>ZGH[L6)3$\H6XLZUA'_K MU3(I$9W,-\S1JL9HU#4A\?1FfXA5Q^_.'#Z;O79_\= M_.W#@7G7;8^_O#H!90QA;2RP!D.R1TF.^7MA!7?QZFQ,ADN'AM7@>F+PB(/ M,%958LKV5>:!]#&_<6=T%]5F*H+W5(N@OHS1#,Q,2YH=&WM M6EUO& f<2?;^_@E=!&QN09'W:LN084!T%UV@1M[:*]CX5U')62WAWN26YDM5? M?V?(U;?_EA/MR*VT,EW,_%R?^_M^>+$-7(Q4F)V>2'DA$GQKB1/FV<0- DX[5]KW6H(T0F">N"S';==U]>2KSHL#%2O=?5-S?STJJ80\D?&L^W8H$S#L(TS9 MK4IX^K9L>&HJ!K0,O:&1?T'W*-S3U,?\1FZB64*\Q[4&Q35X"&2(VF_?U,_ MK?6:]6K=?UN/?7?4 0XSZ-*C/=ZCUC-W]FIP.[S^<'W5'U[??&0__WI[!VO_MXY -;]C=X(K>%<-0:[";#VSXGP&[Z]_^T/\XN*O<_/[3X+^L?S7$$F_5J-4: M_^A@? >$A:>TC8#=PE@:B[-IW;MCG,;SWB<0NS5A>RWO@YWFQL%-\P^XQ 13*4MF[#Y5 MTQC$&,I^NUU@4L>]:3RB2ELF%(.0*DR%V 27*>/IC.6IU3E@#%5.6666. LP2R_A0T%$ZH XDT.69?2N13:2/LH,D@< &2WPQ#4P*[M.<%J@HUF]\/P%:*U^7+0"BR4*>*!H+6<_S)"%NGCQBC++*[@T!V"VHOT*H=DZ.&@.U^;QK2E@5^@6 MHAP5AA(?C\ROF]YKQC4X("$PY"@&FG &B-Y1C/J':I!9@HQ+K$O/0IH@5B;'-M>L3%6L4>49E6 0A\;=@1 D@ (M*C9/ 0H(P:_^LCS=WF,5K4F[Q2;Q^!CZ+> M%OI)/Tl2A:E',OEGQ(4K /> HUCV;BA<:RC$AJB?F[!'"]([;3MI]>2@W3P\'-MRD?!\^$"PW*G6FC0*[P$E'?!EV9,GW <[-_%4JY(T %2WY)*YRC0Z0 M[B;2.!)/*Z=-I7-,?>(+++X$E7E@MZI4"(58RQ&Q%*X_;S)1T8* MR37I52:)UG!))25/N:'\[]:P<6+!4:XR@ 'A3MY5RC@NA2",64*!0+8]DC ML(97):MB"K^- @ R1S+$^"$?>^Z/VA6-]=*A8/ZNV&]M8WYO^MB"_/W'NC7Q< M+1,I*$5PHU).&8(;7 PD>_'EF&LQ1QRN [\TEDS M79'-+A$]%!W*Y8SU" (0A2E-4[4KE]O.U],@Q?6 -)^O#3&S8VFF\6W (%/P88CP,C-? 4G?$*8"D.!98+ MJO7SOHT?.F HY*0KV8#G$[B65(,*@EP3/E92]}]_1!F+E>A(%+V8 %W\F6-N M1Z='6\8A@AN9;\,N"!.W=N!.0NB0),T7L1S[2")N%AJ&.-,M!A NF;C>%T0_ M8[&\A[@X%MFP+W_&@#PC]]IM]A^#;M%=QPKYDNFO*0W8MM5""^9CJ#X!$FS M): Q+H[RV2IM%OK!4G22*M!=B9/T8*M0F5"(DQN>I'"\&D:T/I /^3?) ^O M1?@SEQBR6WU\&KB#DN-O&\$#T W]&&4ARE2)4*1=.NWW PD(G$(!+#9D4^#W ME- *]3'1)W0E<=P8\/_YZ$AR+O9,_(]G!BUQ@10,+6MP!W4(0HS&B$'5KV2L*_M@W+"Y$F"6[^_P'6C2#L[CP@7E/EDLGQF^#R5T@\&]@>W)^RC_ @U$ET900B. MF!'& [@>$ N]EG\]E.E'Q!"BI[WQ<_ZB"RZ')(O5#+!T&BG/WGQM-2'Z/U/? M5!^=]6?_@?OS,7F^)W^_C*XANXQE6K$JZ[;G:VTC:.NV\(7I"/D)=_6#CWEF MH#O_TL.,G\5\UI6IB\%5ZA7>1\I:E;@&)J0<4)$6C;CV?"%Q)>3\O-II-^E6 MB,7!M6+><'%AI.HNC)Q8L5W6JM8:K4=+:]7ZHV5_Z[5=[9QW_GFW]6SL_W< MGKB#\ (.!PVTRGKXK-4L;X.PVL@=67Y]"PNOFB/O!?G8LNHL^]Y&6UB]%"U_MV=WJY^.,<96WCO.RN5[VNSFWPOQ_6:..NE5[O.+R"/K7.>L9[HKK-]&W2]YIT M(BU2&L4N,??S#9N']X(Z_T%7!G2_UGCOI>V5&YC>15)"-G@_8*<#KW9C3_4 MV9[Z$Z?K_M^7+Q_1M)^^)/KWBGWCBG*FC+LCT_6_W$Y@Z]+RP3=P_\?U!+ P04_" #&@AU9+/,"'_,P' #1+0 M%P &ME>7,M,# M19&25:7(*9M*=F5:MAXHS]#1 M: 'IP] G"Kl*V.BA0RQR(#W(%@A979B/TLP-ZS:K6T MNM+YU,A1XEBSWFRSG[6YEV,>RIU'T"BYF?LZ/P_/YL6_D?*C%],?7)4K,JL.-)*F_ZKNO\[HV)JS%.HOW7 YF"9>]APNYTRK/7%-)H4\_5#(H?2??^J<5(_:S5JS=6H/V.| [:WQAD!W M"3)"%(#Y/*-Z=?TWN'EW!#3Y?O!VQPRSY<7]&[PL.YQAYIHF[]: C MJ7"A%Z,$C)M66(3_9#QE++N$(P.[I9O\'UHM9_#D7 JFBJB#&MRQG&#\;,A.X MA*OTJO?D\4&W49C$_>^-GJX."RI[#HW##$CX&9F L88(YN7?3_ .W.+DZ8^F4W6=ZHD*,H!)FVT"NC6-"8PB9QG2+ M37"9,9Y-69$Y4P#V !.PS\6(!"UF+^*PA5- ,=BLU0NLQAIC#N)?F06J4*@3\)38TF17$)_2]"G+$2*$;D*] M4@OXELBQ:TWC"A&2'%?(HE!H@)C5"""S?G/7Q1-PF+%9Z8F>_7C CX_0RQ(U1 M5I9P:6?!;$3[%4*SO7? 0'*S,XVM;PJ[4+40Y.HXE/A[:(S^]-XP;\$!"8,BA M IIP!HC>H9(VH1IDEB+C$NO2LY V4MH66(^XV&@5$)4;'8' UY8=(H $("(# M2]X?HH1G(V"'72'- WA4*+1HM7&YU#"%5.T.B(\A4=)@C +2"; C+AP">`)4MA22N"X,.D.[&TGH212O(O!_2_0OZ7:9P XI[M1)99?(&J2DGO5"B1BC$6Y44_L5 %D,KA>2&]"J306OXI)*11\)2_O=KV'JQ MX"E76\" %(\5[0O(9X1^/>;J*Q'"(X M1NDJQSAW=HL$1>FR W^'Q^UZU*,9*R+WVJ:ZA[IPC[>]2X;AL/& MAK/-@E^@$,8 X_%@I :>HC-> "S%OL!RSKUAWC?Q0P<,I9ST)6OP? +7DFK0 M4508PL=2BE[QEVKKL!*=A[(7&Z&+WPO,[>CT<,,X1G C\ZW9E6'BU@[\20@=_MDF3%):C$$G" [5S#$&?ZQ0#")O/?^Y+HITS)>U#EL4O#,@S0G^?=HN= ME[!;],>Q8K9D*@MZ(]9=AO""Z0B*3Y T&P(:X^(HGYTV=JX?_ MTEJ;2.0"M M^6.H49M0B9 8DZ]^B!!'NK:4#O_R??96H3?"XDA^]579)$_*#GZMA'<_]UP MJ5 6HDR5*$7:I=-^/Y*P"D5P'Q#-@%^3RD]R$2?U+W J6? L^.O\)&QW+H% M,Y(MO,@%5K0PI\4MT"T%,1HC"E&W5H*BL"@G;)&FN/7[WPWRK2S]8AP3IE/ M)LO]^K5S?V&_=WO"2Y0?L4&BJR (P1,SPMC_@%#BO1+RN I9-$!_;F*ZL)T? \7]4UMM|GN[X\L%4,7C%KW:::=%=SH<#JX3LX;+ZQXU?]WCV(G-LG:MWFP_6E]O M-1XM^ZC73NVT=_]_=WM2ZW9WP<>]XP0->Y-875? @0R:!PCU=YPN71E<]PI?K87^7^ M+U!+ P04_" #&@AU9BT X-N,$ # %0 %P &ME>7,M,#<>!0 MA$5&N8904J)I!(5B_ +>151=@N- 44F.1+R6]2#0%7M"""=T)>LBM2KFNF4W]P MLC-LE-^'=>MDN!#]_F 8L2M@T7Z-Q>V!;M E';[_-9>ERQH]_"O6:P($$< MMUM_^#541?%21^EE2O=K&>-.0HW_? BMP.^U<#ZY9I). ^[WD_U*SHP3 67*,_MB?KE8VGFD3%-;[1#4G;!^S:E6JFZ6@Y%*F1_RI[_ [/BQ"1CZ;+_9LXRJN"$ M7L.9R A_4U>$*T=1R>)24+&_:+^'T=EOUV7$'323,DY7&?B!B7ERD[%T]M; M_IXW:.NOQ[UT_&&6&]:_FNH'6"ZCDSG, MI^!WX=R=N6,79I.Q62U+X3?;7AU&,Q@=3D_GD\,UG37)GK<'TR.8_S2!V>CL MQ]')9.9,?_MU\CN,QG-<*;4'SPO*I\]7X#|\+I5F\'-A7C$=HI.]W\|^.K-;3 M)3_F$ K.::B9X'#-= (ZH?"V(\)S2V=P1G,A-8@8?]%+97">\QDDQ+=\A\FJ!FA&]MVU9 (,Q07RZI,CVOFV62IH!]& M)_M1]1Q"HNM6*&2<\-._18,2L:4- 0*%6D)60$,IWUJ58(]2C2?=3%5WV M 1X4IJP"9R8L3EHFS7!/X:,0E&-46$HJ25:,*X+\%C%C)DBM"XKRN117S!P2 MR*OWJF?+?,VP-0NS3:MFHJ6',G$A.5+]G8%- SA()#+N'H<8Q%#F^:,%2I3^M M9U^P#Q]AEXQ([ZC1=XW0_)3DXTFBY2NY!=\1E0ZF$)*DF6? M<1N)5114UA=",Y%9!U?I9_U)6CFQ_LKE:D#O]=QNNVEF= (V%U-!*<36^NW9\ M;^CH\5K+Q9GAV57/]9]=^Z#5MMOM=?]LWMNI[.9V88M1%D,++=\0._7FK4' M3-\/\AOPUUMHB.]AQ;*O?7G=:HN$ "AJ!7CJW?5G+; M6ZW.0-G/IV;EM60W1*IG^8<_^KV/Z^0=3VH>G M[@>7BKE0=M;O2YH24Y9'UXQWN]_.0-Z=''ED@!13Z>95/N&9:^RQO4!OVYO9O M4$L#!!0 (,;"'5GHO:#X\00) 6_7:V5Y#,R,BYH=&WM6%%OVS80?M^ON#E8FP*6(LEV;%AEA2HFD"E6+%"MXE5+T'QVFDI)<2[;*-_1>T(5W0KYGEZ0>UTQS M>KRQ,SZJ? X^/[''3C2'3KXW"'+H$EKUJL'W2C=.#[@[X7=8=#&D4O.U$_H,0+ M_&ZOU_G=;Z$JBM%DU,P?=@.WWROUZ(HE.@M]S_NN946/QZDH M- ,XG4;]^K,T\,*;IM78(9ZLBM"ZU:M7-<"RXD.&!9_]&9L1)2<[X.GR^9#E5 M<ZOX+DI'C>5J10CJ*2I;6@8G_1<(CH[*^K&G$?S7!6T(T'?F PSZXS%C'] M[,|_Z8TZ@1MLHWY$O-T/XJV!{@,R1A90^3A1G9J/\)+$"J_?7BS> M3LZ7L)R#/X"W[L*=NK"834/-M,UA,+KZ? G,\6SOS7GV>_P62ZQ0%:*O"\8/]0_5$IS=+U8V9TG\]/<&5D7[$B M01*$_J!\)+:>%1"+HJ"Q9J* *Z8ST!F%-Q61R$V^A@M:"JE!/ 372M;V98T MS@J$MV)4M6O'SXK8A4.C^>R@TQU-15Z28FV?7P :/A4R,WCD.6\@%=).4R)F MD0#%*'3P8X?3=?RVK9QM(I2QO']#:@%C2O)-,X*I$A@=AUGI%A1K+EYSI0R M#N"_D4RP0$-&)478MZAJ5VI0;3AK8P@9QH>K5!4K]L0XQ>FI@UE)55%,!E: MW%T/=93NK@<$21)1FNW@KLZ6I%D/B,-Z0&1$"JJ<^36G:YC$-K!F*;1QG""V MWN SUL,'BOD=M9(D">Y4#]?I8S+MT"^Q@?C%9QM]MQ:#O]@(3A25FI*%W6G$D M7XRTY89>-Y23], ^*26KV:V52=8\"AP39+<'O'28O;G)\>R](AC:)]H>=+]9X M.#+_8>*L2MK3R/7P=>8:U9@W> :HB%<&2$*I$$JFVU4E:0(C;OT6#"K&E3FU"JXC5E!!8Y.Z?:,*2ICNZ# M+.Z3X:]V)ZGY/ '<(TQ8!;9@&!Q>.\UP3>&BT+1 5!A*VT@WBRN!:/VP8F98 M6B.*\J44E\SL#UA7[T3/AOF*86HBLTR,9**E^S)I)0NFLEL#^VPC$AAF#Z&F M*50EOC%8]=*?EK-'[U8VB#2);- W@B(1,J'00#B>EHN'F890P57*R#EEAK5JE M44XDYM&)A-8B#\V!XM+LDC'A#0LM^^KA\]PQ'+J#7L<<-S0&12>;B9N3B&M/ M(D3C6=7'KWSGJN? [.L8];'B#]3N?7-]MU_>Y^9HJL(.I@8+@5DO-5]J.Z M5[7#H+P&'R<JQDD_@]MR?(\UU*X_O3=FM2R;"8OC*7'ZX:A M3"<-N5\3U':#]S=]DT4=5I;]K)F8'W:,DP;5>- ZHDPU3>O(\A2U&BKN3*98 M461=;J*FHND-C?_NS*-]IONVW6O?K3TBM/BM,O.\Q?6'#U/D3JX<\O@A?:,,# M6W0E_/#SA%CFZJ._?OVZ8J_CPROUNOK!M%T/V3I>?A[KQNK3_),NU]>G;Z, ^>?K+=5>6.W-4JRK2\L2?C6AN5FK=ZI;3S'=1J* MW'Z+S<$GUC^\[I.RNO'+*RJY9A2-Z)/E#__S_=M(G^$YJKV&DH'.:'30-I:(MML.#[;6SMR? (#9Y[;2$JY15LUWZ,*MU/,XR,[J*8;H+"[UHURST9P]"9O7?9O^W,L-71U!UL V\//?\$M%,JD03FM* ML]*M4QJWZG*]T?KT8>NI,7[DQB>$_L(7T]61]0=&I&\;MU035J0 5+]5*\"O M#'I*;4Z?,F/?K!GHI8;MU5).E>Y0]YP))A(C[JE+6>KB]5]'^7O3!O\%"SVN'J55NE-DN3C643%:CBQS&>N ?K/"ZQ3O58VY_0CP^FONI.D<[> M"W8L; [&6Z9AKPR]!2Y3I6&:U[;ID6E MG_CX?*M?+E*ENH4OKEVVO0NFR6YSKVCJN'ZKN.9\ M83&]QU^;$;.K+6UU]>P:R]|;_TCXFZ[C$_XO[@-<^[;I\56Z,T3?K"Q?GV/D M^@1W@W\%;W[ZL/W>\M_L&3O/\^D:7C\LM#?7/T:W<9]%*3IBBU@]DRI?T\"; M'\^7<1IY#3OS9G>^S%V^O[5#^1CWV6-)L/>++#]NK?VK7MSZEBW<.1!?UK++!B MGZ1!P_Z/ASS1D.YZ+PH/;&7G68^3Q=YG??U\'^M93",1JBMV!8Y)\O7J[5@/-M=?$C,T'1CPS?/.::H;H,%DKMW/)US-V2Y;\H[>F_IR:U_5Q/X4B']6;PMVUW-MY? 675RO8?OJ';]#EOZ@++23SFG#_0*W)6_U+R(>M?4>301& #($O!84[ZU@ ;_6@\)U3=[;>>Y.(;O>T.RPN3)U"OV:2RLC30X;O!5S]-MB'SB:O.K'X+- $KCYN6!U@!V[)/[H]FAIL>.)K!#)#7< G9$LT,YGATI2D<[-M?^P(7RRD[>@ .T2R'1]P0R3;(=>!'R(9#UFXT#(;K2V+$%L*H"[ELT>B.9$+ MX4+ E3;RZ) [8=_K_]MD)E3-?.#;J[NMM!ZPATP;&WU$6/K<+:2O)0L7&8K- MI8QTBG !H^A7L7/@FUM+D@.7SQZJQ=L.%<-Z2EM3 MSA[UQ-N:DN+61 @@MKB6&B"5[\<$9]: (]/6Y8X\\1_^9OC+<5@*-FEI/A>;"MG83%'G/,$Q6?H*L>V0: _L&+4P/6;FA?]{CGC'AI^HO'/6! .2&]A#-9$3X MO M=B8&"1N;?/9=BGC7[>F402[7_%K>,%/? S3X2AQ_,>KEAM+BQ1>I,4VXHZ#<_M2KD]3]5N(,DD9QS$1ATL"P*)Z\"S*>ZA[$;=?!$;E/3Z^8$XBK3R0FO>8 M.*. <1&KTSWMKZTSY,F[?,>#%_4YTF3\'D/;H7T>=)DD+"1 ML! ^3Y]4%C;F38G2:8M>)DDXNC)D7@9MX#_4/LK)A5#/O"8;+)752]X!IYCVID$U2)SWZYSVQ(FQ I"\X@B)1SQ"R(E//]!9$ MRD<[#FF5G+0@4LZ6_A I9T=[B)0S(CQ$RH(S2-A#><$L<8K]15]Y#^$SL,1I MTC_O0?>E+7&:M,]//"U12YPFX?,>&PMIB5- D4#OO,;$X#'"S;VK7SGNT?;G$ M;D8,RGLXGDUB-R-FY3U^OWQB-R-&'1OO7[K&FUI"9XY7\/CFZ&C]F\L/#;T9 M)M0J.@LVWHJ,1/:M_O/]Z8TQ+:.PB8U8SN/+@_DX\|>]"_MEZ\C;/H'^"^< M([]!%$H2L-SXKN?,,7G %Q^+XN#-SD1]%4?3D2'"%X+X*2*'JZYKQ &1(#DR$) M9Z32YWU&^D]J5W*C)XJ>0RH*^T50%45/;)T7*V."##Q'Y*?;LPW^CSLTQ_GQ M*(]>/RL(]P50%%K11DS*EFQ]7K2<9O<>3%?W"?[=L5C!YN>K?UP)=8*8&GMR MFD^[.'OXV8AR+'LV/YJ(/3E->5V"/=N]YSXQ%O7$7_%SB-!BYFI(RL@,WN[M-Z<[U-&AP/-HGJY^;LG<4,!:=X.SK$S9M\V@;M4=.9:/_\)=N4(6M6C"Y4H$ M14;? PKI"(H-&BG[KD=,9)4 'W)=N Q)>@#)*TN$2U4(*K,9:O-LLB5R7;AT MB:#0R%R=9P40X1(WXJCSK%@B7++F"),T?>(L#MW6*HHRS\K."YN5Y3+^54)%G!8\|YN NHL@S8HB%49RE-W+ M0*]GQ17ALFBKSMSFW+0Z]A.Q0:8IQ6OX_>HXQI"_:DR=;S3QIM_B&"CY[T[MINT-;/]LESUSF'=9$RZW# (W&EE!2+@T8IZ,1E9,$RZOEY1IPR=,2F0OLG(VA,L\YA$WF9N*K- C M7&;R0NC)*[^$RQ+F4=I+&%44+H]92BN1%7H*E\B\D)7(B%]-X;*&@G9^S]00 M9#$,3FX*EYL4%!H"Z/IL_")<_E&DH0#9L$2X?)Z@,INA.L]F]*K<%"YK*'@T M,E?G60%$N/2@..H*Y8(EW,3L@-\"7USX9)!0@(C%3R$R^&),QH@&X8(MEQ834E[++YY6W\IA_*Z$BSPH>>%4;RF)*[G%[/BBO"9<)RHFFS MLL/")PG=?.$R97G 2>9*/R.T=(3+T G;[3\;_@B7D8ODUD MV7 E1RFVK"6WA#Y\CC)\6:,C<[V>%49RE-W+0*]GQ!5-N"Q:;CNNE\^=UX1+_M\>46/)E;A:P@)%SV+U_M^K-AFG!)N-S*??EB!4VX#&%NP9.YT<@*0L*E$?-D-M-*

*M73)?,KS'HNO$IU%V4F59$B?AF$LM1^66-';QN0&YR$*BY)AK+<>AI$U1TBGB-MJ;,2R,O%%GVWT!)ZCI^IMBE")N+5]FM\N*76R$4/;&@\+HQ*3@%Y?&AD/1_(M*TO]K]#FY=N;%;[@3YU4$KMY3SB6_"OU.C,="3BXBA&%6F"3 D!Q@2 MY8B@#!>A'K!G$CS'X8")A>-Z-;) ^+5&M54G2>H=&36#;I<]8SLBZIQ1>$_B6 M4M? &QN> S&S$@+OA3+W5MD&I*Y6N,*UK(%-\275[-DBIE6Y+E-,]97-B4RC8 M*HDS$]]@ZVW$-VC<"1TTBXF3>#5;;^-D27$BBQ+9\+84 ML&,W#2I<"XF7TZH3WL8+.X#3$A_3@D,9LRQAW?T "A/.49CP-N@[E6ZCG;B$ M"UQ*$8$2LS;A;."P"U*R*$ I9]]-*$NX9%E"W ,!NU7/3.@WH$8=1P M$LC)"}*$=0*N'1WCCSN1G,-^G5-P)=.W8UBEWI?=WCH,3'KW&ZL;~=QL[FP-2"?@==/QMI=@V.EVR:&F015V1 MI7CE.#E,UXT\1_\Y__]11Y/9"?_;- [T7Z*N9CD]0?&I=VIP9YM/R MV>$C:NSSU[+"[Y]D)$GW9'D4Z#*9^BC]^2WE>H_):.(8(?MM%4G9.D)<_PN7V M'I$A&7FLM<<_D.7C]4-#_ZB^UKN-MY7]WO5TSK2>9J5;OZKOUD'LO"_M$)&> MV.,^2GMWX+*?<0^$..K;J^=+=7N^-W.(Y;L1Y66VWJ#BGC5H:.:^!)6OZ; .,?OS4?,9&{3^8.%&0Z%RN/? 74;E8^"Y$,A<7[1BK9DZ%%%0\^E0SXQ75D6R#._MX7Q^,/ +<9U&Y3Q.[(F+$<&#W5CZ7M=16R\Y??BW%YB^^(2MEP1. M54F*;@XX51N,"6WB#D=4ZKB+4F$#%5F7]f. 8]>H M*B&%$L/U4C?HR]_A\ B1$CYH%R4T^%+:5]O7[G8R/^F;GECKI&Z^TKS:O:#R M:IVI&:'\QF;O4NWNN,NCB CM\-FZ2MUNM:JT=]V'G>-;B.[SA.!#[1_30A"[MAE'5(@9W7!Q!:=,+R:KX#<]Z=-F,TLBB8:AIU$R[IJ.%Z2$++F&8A>W M)8R(33< %S9.UZM+6O9#4O9TW9_[?'8)NQZOF[%[DZB=2K=55;2.(<,X,|> M4L6> 4]:I=NLMN3$#3S G3UUZ.*2@^$L"#9GC. 9:ZWQA"7+<2]f>===JIC4Q$EH YWF!Q;]O MSD]3H\WAD9=*@_UX/V=%G0(I[^.OZ/=L(P55W]AT MM.JJI'QO/RE',XKY0)I!FC/]?I".-#/H"OY%_M9<. MX6(:S!-;.."X_D[PF;&*\^80__C(-; !9$^\;W0AC4UU!:$[H"WIO_%5$(WGQ5 M6K;Q)ULM$Q]SHDPU3>O(\A2U&BKN3*98461=;J*FIHND-[7]9^7_XI1E9%RP^ MXMJ$8/2SAJ9T@]?(^H5>7 ;A#3K,3;NV2!37]-1+E>GT;%0)A)$]$X=U"Z3< MI/*/"?1471,29BW2C#!E^]?#_&E3UYW1^G3!Y3;'3AY7OQ48BU F.[ANXB0 MN4QU05NZT- _RM_\=H\/7WL33NW_Q^-_PV_#KHCZ!BA{S7HJ)LX&9X=]N_ M&_5O)?JWT?#;X+8WIO\8C>E_OO?OQM+PBW33&_TN??DV_,=(^.V\,^UEE;#[M7OS5_K"1;YC4!J_6RIV6M='D3A)=CH46+KY>_N7C,LMBVORA_$L?YX@\4E,1 M6EIF*5XY2'S;P=NA$=&TJW:]S>Q(F*()?S@T,5=TD1]V7V\K5YUZ]%OU*SGR M]7V/DN6K5K,5ZU'[7U<[\9[TY](Z;S[]0%KKS12TMO.QB(@NP.5E@I?.(;!R M5^..OB)]IQ^;N5*?JG@C3E,7,7H<';7/_U]REPBQ=4N$Q^_M'"+!_;[])N30Y,8U&;,,2*? 2U=([(Q7 50)@K(&A)D.&1I&15FF(}Y%/7G1? M;^[0Q?R'LZ9D-^M25'UK5^V+0S9)&H'V9IUU^$Y\8QENSXD(DP.*,!9.Y$JW M7; V<7G1BKS966V"@MJ[^0+; ;ND:LB0^P(&;2(RBGQE!;S;H&05[A:I'82[@ M@Y]X2?5X/$A4!A)P&3,*E\-).!YZEO SXQ.6WDVPC:>FMW_D6S&]@WAWZX^\ M6K^D<)"0':/G?D#ESP&- HP2B4>DJNTH3FC$(!YATX^K8.&FRX .!Q0&D>AP\VRB+QM.'+^)?%ZAJ0 T7.VQU)=/,U?NZZ2Z.!P3OJ%HA6M)=M>9$A?K]\WZUXGOT@?1C]-/ MZ__V31K:G%:T$DV[O)5AI.D7%II:J?9*%;V)?T_7Z5:HU!"L8_.)72@LF<=Q MCKP;M25L) :^Q<%_!_;2S@\K,D>8F!8[T4W>FP]\$1&AL^.*I(P=N=)5BWC* M* [P*7>4!2I9J2S-4VP7]DJHFY*RP%NMCFN28 C)N0J+D8,HM)DS8>C;? MXZ1$5X@KGW*!7DKH4)[E)'>_5W ?$#D*_8U*=[=.&G);.4=,0 M2:1"#V&&W6]- ,LX&7,X$I80$TWC !Y?S+ IS2>6'@,A1X.]4NBJ!NGI*O#&[\HV><+$0OB[>0U%E85=7B-R*O=KW259)$7N!] M"@F>Q*[F<>B1*7IVKX**YG06]\ (P!YK>PP2{GD20AR7W%U\(Z)%@WNE?HF_-.M33O(-2R(0[=IE&TD;@H'6#_QBWN]H/,#)?.(4KFW)/)X3>/]D,3;XSFIYC,V M;O_!Q(D2:H75IW046? DHB)\$;O4EW.H3,+6+'7;R54_<4 [\Z_@0N"=X@4PC M+%<$SSK%HH"0M/N+=-OL^F*2_-XT4(")78"XC!2FI6NFJ2<&]*T]9G^S;$? M:\SQY%>^2UMR>N[*J57 ^&;%8+M%7806)&MS)ASUU!% N,X.*4M6IQ2*G\S MN$48?3D&O,\4%2LG]'#9$/<&+4P/67]Q;&S-?4C!SR_7'8$LI*!P0EXY#' =R\49K=V0:857KJ=WH.__PI.0^L]#;_?5$+-8U MR4UENDW(C+T5:W+FOVIT0W6I:7O(?C39*/$@'[AJCL-C MVF4O',@*IJ=I/Z\X0..(X91YF.$[1I38- &B$VA;@V!$2@IG[VIBP:5:Z'0'* M&O)>WBG\ HOF_P=G4U%A=LF\_7-<.%@JE2\.658"?B',G--\["3YVPG3%M4K M@IS9@O>?B45*)YVI9ODGJN 4"N3JA\-E3(M- /3KK%R;X64F2,5[YX3@R/% MID/%II-"[ZJCQHNC=0RB!$%>&;=RO#Y^FIHUL/8W# MIT/'@WD_-$G3-2PS'4N6*UWZM>%9K^OZ5-XPSX8Z\[G#UN/H/ZF"!MR6\+ (} M4_ B.Y\J6_5FDTG2C9!B$!)^..5C^=P?C-X#^H)-M1[NV4;TM#YV"U'8CTD^ MH^.(<66X8&]$F3B-5?[L)LA@#$\!D'8HD+TTU&26PA<$:B5+)X9)"Z;"@_8E MRV%GGL,/NES&7LG%GF?AY0=9?8'W(%?B)3N@OLY3KX> I*/G3%Z_]?IS6:. MQ(M8UDLCC7#G@5E_/H]A[R=&W M-[5F:K&)'Q[A M18D"&^:;;$<"M ,'+:O8\,A%I:LD5 M+=WA]:2,@KF'>A+F@]@I*D1=X%QO# ^I@3\I0,UEU.DR^),I%%UN'#=L^ V< MZ%^6-'^K'$.MLRF? O@-X&1F4\N3 H+8O?+L 53ZRLO4="P4PB6K@SM2;)1* MM]U,X?(55%[F'W)*R^/1)S**B]3&" &E9>)!NQ-IU@/B@&>]1FR'W'0$7_N M//$R@2,T<\JC#*5GB?(ISV0Y*S1N9#F\D2^Q^[6_Y$I84?!L>,?4/&_P6 MI&ULO#@2@8PV?S[U>)V^N=GDA>2"M<2%,-EGO?>%!68:&3\QE-\-FC-([M(VS'^)XY[\R3KP;^/%ZSL\K[*) 5M_D'SN+3YU0[H1Q]AMN1F6 MB#_42+++L*JYW34BA0=Y!2Z;5J2[!';KG2;$464IZ78Q>HLF,,0X^9X M:R(A3YK@1].V6>: (!B4+#H>2)>=C"-V1F&,V=13K;,#T6JC WT3B@@UI2X2 MU-C%W6J]6; Q7D52Y)B^O%>%GI?!$HYT?SI?_HNC8.2.0 I&9D?1U5;$30H! MW<@4HA\02!# (`8M_((]68%D3.)<1UZ2!IY"\6P5U29 5&GW7PD$P[MX"OE3%HM.U3*_6UPPZM9%%BHTPCEG=I=U#PWQ:/CM\1(U]_KI%EY/Q MP.UE]>0*&W2MIQ4\%M32%-28'}PI%N#C'IE&Y/ G5697H]

*M+-8@F>P\9E>O+LVNTO)1QNWN@_BH 7S4EGQ42Cf^N"=^#*774Z72*S>39=Q5 M/P]3Y9=Y+IFLD$R6<>O]*$Q6QQ@K]DLG.9':U"V1VY13>7?>CS@Q?;(Z9","G4 M56:48"]HKA!/&<-.*;.^X6%G/;T:VHU/GQK/GV(9-<6W3T!6<2:DK%&:,?)G$ M0XIWSQ*.W=2,X_0RT#U6(fW1]..=T#+S;4IWI@%B"3((LPXE3?B!CM=;KG:X$ MF039M8$LY<1M"\C6<=3+L92@!%%!V$F"Z. 3Q1TUU?8MA_Q.#"7"BL5K$F&% M.D[MYW*<6F]073O.2@VUE*W/W-RN/AXW5^O-YK&A)M$FT598M*6'-I4U ME.L??2=1HDVBK;!H2PE0R++;T6_F6&=6HJE03"71E$<2CW(*M.64]5H0?'23RR@;9&28,%%O#ZFD'%N()1:.MWU@AL2= MJ'/!9LR93]#/B^?E_+Y_R_%751? L(C[3SWBEBF&YGN.S MXFC*NS'OBJ?0G[J&<&=#$8_HPX M$\1*MD!LH@KHFE-_/_]5W/&"_X)7=JEW TLE71V5Y0V&_2K>E"H6 M_*C,X(FI]U 8F* f\RS<72K-15=2ZVJHJ;U29^XXV)2[&+ED*9;U*%<-ZI.Z' M'0I0?BK_DT5B-U*,*MX-]2OUIK;_^$'[']79;4EC^[T6WO1KPH05RK]\-%W-=CT8OHXK#5>0Y>T1+,\K>POOR^'" M6/C$<2#&;_[O9N.]XM]$TT#4!0_#@L 72/-AB-BPL LW@_$AP'#5S3BT8GM MP.+CA#>2AY$%GYD[U*7L*\154 BK]0\VFTV,3NQZXT/P0B;P%#*R7VE-0=[1 MMZ?Y*X8;7T3X$%] 51E1C?@N96\UK+D/2^*[T<@!H)IOLK=QAHI(6,79PS)- MINS.&-,A%73#H9H';S=B4@@&D\1MP>###+BIC6&1++,XBYU$]E&P^],!O&KSA) M_#2@%^4&O"W $JP>)=I4F5(]UHNEJHR QU8G[MGAI&DTL8#15T?E&?R1H0^Z MI111VMRJ[J -GU4X(H;-L*.@9(XC"",0G.R8!1,X=0JP\4.-[(O.'1N.]ZJ M>*MR 3DAL%](8_ :7!@7X,PW/1SLV+%G<0D0PR=PK3VQ 0+U"#$#;3H!/[T!^MP? OBO+K*"UL'XUL@S$SV7CXNG"8?6%6Q@$F1P./^+"6AX<0CR M7M2#?6CI8IW$3T.@K^>^P#M^,VWM1V1GP+LH6!]S>!NL(;V4!.2/U(NS,+*: MX L4P2Z86XS\ (*1I)S7M U8D,)(%?'MFG:;[$VZ-OE67^95"L%SS34<@X0 MAFNOP*7@O@$0R"1SE]X&__B@&^[<)(M;PV+39]]6/X>?F#%-6#?XS]_>#-T M;XK>3:W.MRA$!H/XLOBY!C^]7[_>[M747B_QIWJMD7A]TZMZM4Y;S?2FS=>;.MO6QONM8QM=5N3F-[=MI;WY22&[,U5:F_=EO"[@G'S6GV"GHK4J;;G"HS=2A5 MOG(7]!Y=T!T*):1$(_HBF^DPQ5R1K 3<;7\D#C]0|@=OM.[:0\M81NMV$3" M3:I="HKN,N'=B";,A?7?E(JHS4-!=Z5TD\QX=&;<401>PM%0!\OE(E'S>**$ M?F=82UOP*UV,LXX/+$Q2./&6N09_IG*RQ MRSE9M&/UZ?71^"[8ZC-P58;0!E4M81$/B8S2(B.EMD&>R)!]2R0R+@@9IP-& M2P)# N-R@)%2:B-/9!2N"OHUE-Q"IVKE8'QGM\H#5U29T@S.50*:RB8/DJ98 M(GFPAZ;\/60OE A?@+>2T(^5ZG.*#[^ .&^)@"+-[=A.U&X(Z%8@D!"8'B M0^!8".A)!$@$7 0"IG"+=H- 'X_N"@*!';3) f\&\DC6'Y++)B41R;B9(R1.N[W M^[U&8TPZK2;MC<9451M:HTW::E]K]?^OTZCL%7/Z,8S_?8C"?X>6_D^]3S#@ M%./ &=6C=,7U\--FG:\!#)5NT7Z0;F%A$+A"7!Z^<^Q<&Z6":{;I&9QP0N^X85SO M"'-[J.O6E*&KS(GC!3\XAOM#@2F1"0_#!N[%3)4%RQ?#%)#DT/8]IFH Q3$/ M!T,_1AP]S*" 'V%./*N"PD5[!@"'"8;^/DF/J0H?=!QC/D MX86)ET1Q;-/$P<"H#5M'@\]"?X]R\-Vf^!KGDP:>W9+CI_S]f[]=.)*L"_\5 M+6;VWM7KQ302=]>\K.5RN7]\[]NN4W9/K_-I5B(2HRDAT;K8Y?GU)R(S)002 M2 (!DL@/T^,2NF1&/A$9MXR@+@R*'>="Y>1/'U9W]HX'A59$8/1RQ6E9=AX, MQ@.O).R@*_QCLCI=2GQO;L//_&LOOC$EEDYK>7KRWL+#^6VF;#'L,2IP]*%. M=>5ZH*OA(]VK?.X,62KDQ:$T1[$IV[8EQ(LR Y85?UVW(141. (@0,6U=8,AB,UDY@->Z6K.2_(NSH7# MO2!E=6/);I[2B:<8KNLC0"(J<,.'L\,'(+R3HG#:A^T%$[G#]_S.#2.S .5 MNSL(VXSPK($\$QX_95&IO$3=9J.SED_W8B#?8!Q/;{R;8!3/8L#P]J^.K5,Z MS5U!H:-A!85MC<2"95@_Y9KK?"G*C0E%L %<_\.MFI"RXERH8K*YLZ^L6\^_@^BW@=2]!,8P$M17=2IO;.MXJMO)@'$%%(E%NQ1#"G&F=NZ5U MY+L(X8G^ YHG?GD>$KLM# YWFV.P23,),EA#C#!1]VS)P!M4<&IDVX$*%-C MRFJ=\"HXECCAC!;QNWD.):*P W ;.]//2K-$M'A.3B[.0UV_I>2I-N4ECS6. M)38 8'[/A)?P"D3TA^&RH3+[(;_FFA()62TI1CP>K=6_1TA)&\N>$PF]G!C1.FOFF\[\"6@ M#]-W7R;+.%.E]$_.][+LA$65I$M@OMI]$M,HN'C7&;'*>4LR(L-KZ9[A2&KP7[UC_6=<=GZXIK-G&,"$F M.BP4=TY%'3(N";!\!GXE97--%8GE%X ;YIV_F'#A!PMB99%OZVPD5F73VYBP M<)E8,'ANIRX9CB7.4FOM/.X?OFSRU .;[N/L"Y_GK9!5*[9R_T[-:<@[[17O ML$R,/>P&>XSTL&Q1MIM-\;#N-N"Z4)+RJKBH?7(%=UU<"OY,B^>=%A!WZ2/ ML\02G!Z6<"D6+MFSDK;!)5_R0+?7&*O-7K>HMLN5EN05-(2>8*!D:3M4 M^8S!1Z=HHR@3TT0CG4*(F???&2/6LV.UX&H';7 M&BY'D=7[O;3;=UV"(? (;@1F[!GSX&PSYQ?"D+7)$>90YX3B';)]7NV#)9*T M1DH)F,RIS#D ,P+ 2&NCFM;& Q+X*&;R_U]]24LC%^D^Y..\?E;.8YUW4[FN MUT8Q'3]7%8M22Q.C8D 9% P4+"S1+RM.I"*]#36/O)Q$>'IZM"9+K,X>2, M3*N"W-IV"/U\RU;29"O)N))OIV'< M4ZB#@.EF@1MXI"1U>Y 3+%3E8 M["Q'-1Q>_H@_MBICS5^]7C8'ZT;#5TE0U7!+@6KL!9E8E@/?N%EB+Z%61Q2C MAQ4?JTH]#JW3ZK<')2M]H;JM[]:3YT$-M7QOVK]\,+]1WH^?@%)]=52^074' MN\ND)/OZLA\5KM1)3=STE'|R>0OB,K(?Y"IOH?8N\"3U#;I?'"D9DL5[FF7Z MB?&*BZ3QKY'"T-L(7<1Q\R**)US,\>Z5T#A_>8JR%>[(7!1 0BH#I/8OZ%*^ M*7X2ILP3,V5^M75FQL@2)ODIN6;4'975+I&ZFP;RZ1!:*3))=I;L7 7]fF3G MC+9N#3(=W9=7U)+4DM22U*KM-2J MR0D$JL9KPX.OZ1D(<;O1/>)H9Q+D_+YO,_72R]-9L O6_LM25DN=SY)+4DM M2:V+H=:Q=-!HKMTHGD15FE.QGF@^5[06FH=^=3N,D33%.AVGR%SP+;& ML@R6I$,31=3P*L^17\D]66 S!7L\C$ %HV*%YFH+ =4V*638?M,:,HJ]U I M0K**D,Q%YQ)%2'A.,4F,C!KC@P\>ED>*2":H+Q-D+]27FPGZ[>W=OT_-!+*(M;V?NDDM5F;O$4@4_AR<,V;\&,_G Y//R^4*>KTED/'-ZF&5[OTH1NT #]8"@ M@*26I):DE]166:@E\U%D7%=&P26U)+4DM2Z"6C(?Y3CY*.'S]:S G<_OGKF-M1JfX=5_%;AHE<,I+R!0+F6?<8?(DWMUV:+4\V10V.&ZP@#MM>4MY]R57>X&U%=*2I2ON9WJ U-MZA?3X&/8ZH]Z)6LZ(L>4?4R[&\9DK >?4C:_4H5KG^<.IY C$P/-MK3%=44(\?)N7=+A 9 1ULR\4#XG3/P0&=2Q[+4NJ'X>ID)^R"*4"N223 >'8S[M]\PYH0.GT3I2 _-J:6D.!_<&P^+1ELX+3-2LX<^Y1]=/Y);7*_WQ-#K*S-R:5 M>$\6)]S$^Q*]:L\7M!LRE_^@->B=']T[L7R/@#IU/<6!#%9QW\AR MY;\N1=,>^7RY9'7Y@)V\6V-,2_E@VJ[fD^)0W7ZQX.$!D^(KOL+WV0*H,W/ M!MF+!4/GU')!0>3;O&''12I><%!%MY[%M9.F6)_8M#9L[PY.AR'!^1M),]% M@>EO% \[G4^$==PGSRPNOY.S>GOED.!'(#"(-[Z]!L-A<56O?^_8?SPKF?& M#S]]^@]U[(3@]"-.NA04[6/)-RR?+9ALM-C M>TDNZ?*HT_/2Y2%='A>Y(^;;$%:.583[X>R.[4)R7W5(A[4KI<%,(]<2[I MR2XPDC\]P1\IU>B.Q![X0EWRA^2/\O-'2NF](_''H#$]1VV=#YFL-).XKC$S MP#",:?9B#TL-[#O/5BAQ+''''&=ZODB'1CJJ.2,<6N[[-#]TK&G?D)Y?+D) MUG<3S%S'(^4>K(&/T",O1F)4(?;^_O03K>,WEYQTYSPSN^V@X.Z2&QMM%@_M6)Z=46]J.DFEV,$WF.AK'9Y]1-+2:.13%-^IDG) MY#LETZCEJ6U>I..B]-;9$S7AXDM3>:$6=8C)2A>1Z<*P#%ARMOAY"VS562(D M3;%.BE(?%X$B%S('E87&+B#KXM62U&R5)EFEL^EHKE)9:/I3]2I21+52C7 M=Q1+;=J2ZWM*#;;;Y"O)GG G.4=RS@DX)Y;65 +.Z96"T M2[Q+$DX2KE2$RW< H.1[5S2OA/[037\:Y)300+I:U'45C[IH>%KQ:/R$0Y(\H M$X(EI6%[(N4Q?]A>Y,,5LEPZ-M'G^Z67[/ :R^=K4NNF[L,O=-+I#9;0FWV ML.DE0DI>6UQ;O;?HAKYZ8TUO%D!0fTX(7E1V[Z)BIYE+W9S^EK[TMT@^JQ"?M'9B14C"?Q?EI4$_ MT%+EXP9%)K3(%+<2BHF< 8]81LN> 8]C"PQ0#0Z*@LB,4VV55QB9KG.1I2$;=*;2F5JW2R+ M,]3I^=-7E_3L90F22]821V1"2)V>EXEFITHT.S"3YGR2X)$5)0HJ$-$?2VJY M]*>F8E%/9M1<3E0EI:I?HJ+\8'N?0Q7!QOT[5Y 2-.DM%F2W.1Z6)%(B8XX7 MQATYO3*QHGYYO#*\'DDO*Z;\KV^^*QVU MJ6AMK:N@@:7C/9ZM3&C^@K'*>JW82*58Y$*NV=C\VS6.SN X+/]B48/B_[!QO;,1O0;&]"Z M-]SR%U=3V[L2'TJ"[W![=2U84!/^U0]Q',(*9V)8/COTM 8LL7I=]-(M;=?M&ZX=-C^F^_AF3+UYB$M>?A=4-

*ME!?;GLI\L,M)=DD)+82*6P"07Q ?#]1]G'VC6"HDN]K[^AS@F6$EL3QN"-R1B9@]+-C@Y@I MM9B8!I794@5L!W_8SO=[ZZMCZ]1U,=)$WGY#!Z\!#Z;SQK Q[G=EVE0M$915 MG!Z&H!$@]'VP?B'SIW+F3QDQ/YY,?)(Y$.??CD!@Y$YIZ+8QCZFM%:6CR3PF MR<.2A_=7"!@/)[*IVAB/AKU:,&D-DU*2XWY_4C#$W/5@7Z[8*7L!5E?>%BKM M:GN'2BM7H$-Q_07F\OP'OL(+W42K V-NCHGD8B5[KR\QPMH=MC[JKYA@9KO5 M&^5[U0DBK*4<5&ECT;M?54Q-A$H%N)Y9)<#?;%8 | ZK:QT:XZTH(1ZP$.)6 M.EP@,H+ _X7B(7'ZQ13:R=R=H=P4RI@0DC[; U)%LG>Z*#TM.Z=)K]D1Q23Z MCH6^0^0<%]:OEZ"[[-)0C[R_"EB<*U/R)%E U>]F5;&N6+E\=''EM)D)TA6Z9 M1$]=IXB:!&=0 #1:R]TZYS$>YGFE@OO*\V3,N*[''WCO2K0+O)<>[X7 O=<8'YZT M(^$NX7YTN*5;M+9>39IBC7B MV90]*@#';18=-,8'9PHC(Z[R M1EPL:\7S]#;]85U((Z9A9UB^?DR=84%I@#"H;O)/%YQ')M.G9/Z0S."H1P9' MAD(NU:+.92=PL-Y>2_+.:M2SRIT;.HO.YKB0\$>>Z,=7#IG$4]8}M3'NGK"W;ENU2TLU+LB4=8B6G8TND/?4ZL%YJT MJ<&-,_%FLF??WZ2#K>K,GM*8"5_[./O=I3>(ID>!I7OK3B#IB^VLRX-?#3(Q M3,-[3Q0(G<;X\,.5TO$L^>++*^+"[KY)/U3QZQHL29*F_$ MP=8)&Q6U]RQ0_M6QL3'$''^*=X;IO.WW?V!]0>5G(FQP1R$E L1@;N/N,C32. M\;)+A&3]OOC1=X)U.V#.V#-#/^FBUV6]>'/@C9>Y.C4NU'CLNC"_&MASK;*040]&OMFGH M[Q'B#+9;Q[2%/8P?QN1NXEZEAWF*A-6[P]F,X>IV5C]SU0\AUI3%U7'U&&*$.6Q((?. M3%P8+BXWO@$##@CEX0$@#/W4G_IS&AL$H[F"/ VSE^F9X<\/BC]NSU'-ZJ,X0W2R^UBX<^Z,B?.0RFIQYN<5: M<"_HRM7:%,X?W-)$.!E#RX&W[O0=02K#$RG!UMTLL?)*W!NN3Z=)+-)OU^M@ MC\1.YH!D >!1P?KJE 0\EV 9/%'/XR=F7&5!IE29^@ZK4SVG(FRRERS-JCJ5 MCQ\^G$R8[LI:ZVOHA8CQP4\55*\E7HH2H#L!TP' J.<'S"7HI'?6=!]7BIAI M\4U5*F)KYIY_N1F_R+Y'^0W1?I')6D? HD7+2%$?)4I?'4MI!NE#XRT83N2X>^_<2CNP3M98M'#0P_&N2N!6F(M\@C&Q;2:'Z2@W/J. X9)HE#M)QJRE?4&2A:H*PLET':O%>US-Q M;88SZWL>YW[$HKK6H"Q&\G_=UM!{D'&E\RP_+I],8++N++*WZ^._GX/*,.(I1& M46XFX]'+T?H\>Y4Z>CGH['YF>I:CE[''U1@HY?9C]=D/K16]4,WP4E#)>,! MM8+.H%6*1H^Z9T] >@DR5>_(62$ ET?.:NF$_>K0)8'UV]B2Y7FSFI^Y2;/K M!2[N?BRQHL:.L,F U6D;EL3=)\'921QQF#@F:\;.- MW8GL#!(I8W:C],&?@$ U$@^Y-/0;.Y117F"OUL+J0E0C_G: MB]Y5_+NL2V- M[+P[;(R[O:(RLDH?A<-_BR 9ZS60$B0J0_1K>W7CZ$0B8< K=54 5]+VS7@ OO1L!0R?66)09[-T(C@4&#H_@S^\!WJN%CG]J]%;D$W_(ON MHW5OO0*-;>?]C^_H<^O[E(C?$9@@"<=?@_Y1',=8^S7?,%.X+>\PAVT\!\M/ M!0Z&B?5C@91KL1-6L78S4M!4'.HN*=;.I>9[*P'0L2O^UJBH0%07(Y9LY>'V M:U:.%]Z~"E3^UWK,6/!>_4(F0 C^]IV1V(N>G!G8U>5?(PO9Q.\#GF,5_$[8 $$RLVN;] M*ZOQMA24%4O',!6M$^Q# '!648YO$/A4?X$#AL M $'Y<)(+)K'B6GD1T6V,NZVX[V$-$8Q OY%W)4H=UY_ SNLQUM?1G06+Q[%@ M4@^/J0KA@>)-W/#.J40\Y1_TW459K,P'9."^'!$-IP@W8MPADV91Z\+TF/.PX M[ ]\/]RO7$&#-;B%,3G&DB+S/5#OS7:^ MN\"V)D.G2=YSZSWF,Z;I^^PW[YIX'3-TB3[ILA4G&-"/P> MKD'8$LNP9LCY-+P%5B$RCA"32*LR!9LRPI:8[C833Z8B<.F@7-8FP(?.0,S MO)A]2_D%5I18[ZOA!=\/9&G*,/CSP6@XR(U0[B6/@*S&L%*,8MH%TX=_#7<9 M8E%'<8+NW/:-*6]AU/JWS9KXSAQ{@2('=Q/<$035PF5E \2> M.:!$<,_YZ:K$/\(T2;P_4-90Q 3*B% UA /C]3'6Z0!.C%WA$ MN62Y!6F%Q645=&###/F_H0O=$-C $1#"R! M/FZX$ZP'KO\0P(L.VT!KNT^[PL+YQO3FK+LCM^-):,9[&&E9"B*P50,=0B20 M (5FU#3H*Q7M'^T)\WWR? 9BX(&@F<,]2Z,*(XCEYQ1>1E8< <(^A'6__-/PG ML'U:0/(F>M,[U.0LIF\&CO^FPO18US>YQB%Z>K,-W\&%FBLS;(G'613$,"4 MC0"-/<$PK)L?SI=-Q;<"/# (1"QQBH$(+'\#!@=#8QA8VGI=RPT!109?56]L@[MDS5XAG&.Q=O(NF3BDO&L^D&A\U/H5*.5,D@$$6MD69\3DE"X(N$WC4L/X- MH*("'8J-.@,-J-9^/E@]0RU$U#>4?01OK&$VP?]@4K9BC)X,\@<&QZF%*BX M>@3^?&]BX;]RBY<\DEEAX!# (Q06SH2)"FLN9%22B-A.8)+!'5L T0%5G>U)3R*UF MQ !K,N\9=1@_X.NH]6HIXMH6_P17!M,UPCS-<&@AEVX$/(W M^MZ?GA]O__'WQU_WWU[^A_F[O_\?Q_\?P_DN_,I.QDDT LY]O5&HDENA$C +YD3A4UOXL#4X&,O?:V(FI81MQ=O MEPM;D?4>=2G ELI)U%SYQG+.6TNK/+ ILVY@X8-E4_Z<:41Y)_^H#'N=])\ M?@Y=$&8>)21QU'+? _1VCPHPUMH&_"=8C;,TNTV@!@O'Y6O,%#7^C068,6![WI@F#!7@*Z;& M-6QN:?,>YJB,S*G)@."A\NW#+L])Q"P;74=_"H4.37EF_Z-VK>|\7P0/@?VW-M */*G@HOJC8!(VC+%!'0FZ?-B,,,7/C"%7O3O8E_%KJ!XSPHM^Y)O,BO<[-'2G M36V8XTH5M5"+-;AZ5X9<2V1_$9IV;JCUC4969*IL%6@<*SOJU.U-@?8LH,,$ MVQ-[P8T.@LW)&K5H1R38L#'6FD"TYG 8S_(,H(P>L(BH9O@\P/$>3TX5+G8@ M[VJ3>IS=LF^R:29*7\SM&XZV)LVUE&S+U3EXN3HG6Z\1]M!]JKOMI:045_< M>J6T([EOP4,8PVF0,.Q@P=+-FXO-3.OLSTR428;ES"*328;E3S),3(+GWHDD MIX56F_)8-[KN+WRNG?(ST"'\EPZ=4PO]Z@K&PM=IMF>%LLB'>+&RZ&?N+73. MXK>VE2T;.96O3Y8LT6]%UATZIB-K(4Y_KJV%"?3!f N\.EM!E#ZP+3SR0Z&S M&0OK\YY@GB""=Z5H]NP>U(&"E"-XA8D^^>M"U/=PSZQ$],3NL-7MYRUMMNUZ M9]@M.09C*FMR3'),14W)C53;T-75N(RH.*M*7=YH#@V5&H!Z*_,M%U3.5W"'YX7C[PTFW!ZP[,(JG@H:JWP]KKNJV1&?- MT'FLI@39T=DOKDZ'1&>]T-D_5L>"!!2]Q=7PDO@K+_]R)6]D/F-6([" U\I\M MJU<\N7REMR^W6LJ!YMTY"],VBRN]71Y/I83;+DONI%5&^]W&.!X>E4I(X*Q7.4@-#)*9*G%6-9P=& ZZJ8XT$JQ*5Y">.Z\BI2HN&8PGLXKVA6"W.)>6Q&%=<'CL+@4YE-["PT,2I35! MZ2%FV;]2LI_4PT;BL&XX/%+>WA$ F=@;MEP:9+TB55F+Y^_=Y9 MR6JE0IQDM6RL=L+R:,,#BW)+1I,,5J*)Y^.SXQ?E'F)1{DHTCY),)IGL&+N9 M=D(3;8A%N=N'M-D^!;<54I0[B^OR!,\?J72S')T<79&CNQPG[*/NV1/J'!Y8 M[=1^VO8QNNZ4W?Z)ZRG-]2RW;-#2A"7)XM3\D2-2>)6'!#0E M3TW$:. %/9$T:+8(G#BS++3E"Z%?C+:,$K>_1%LD.5V"&? MRR^6FGC$_0&++$O0*R,J0!WD*,,A3;%UNF9Y9PTK**S";PX!%4MGK0A\X.O M&H"#8]65S7Z*8EA<36Z)SIJA,Q:=/#DZ1\454)#H++#TZ\WE:!F69,7579!PJXAE=1() MUD^J-U/%;'-.P728@73;77& D>&2B*E+B((55Y=;EKTO)H9UF@JDH^+]Q:N MU^JB@7B();0O$#&ZD<0G%B6 M^P**)5XR&@M-V#L"!_>-<:\2>W>]_E3'+ <>]PVN2,?F2DR&I1,_%UH(KGD#E MEERE+>C=:1]G!Q]5(P,W,_LP\FO#_4^-U M',SHP5_ DNG\WTAGP,)9GO[X;W:,,"VQ6-T>K,;2=@V\X=JA0%J@Y,4I,MKUZA$Q@?KZW_9'(E'0*B^Z<'1:C@D)&*!.;4B_YV'5>R7Y(5> M31Q*OE^1&0SVFIAOY-U%BD?FM#"LJR@!-^>^=8:SV=%FR+$#7&0[;+6O ;'4 MP;M@3*0T8U'F#0+\7XR)-AN-1D-5G9%^MT.'DQG5-%57>Z2GC?3NZ%\#/** M_/2WGTEE9V!7>? SY1;%M.6Y;!8)[+,F<3;C-VGGAAY]D-(9)#I#P3.\^)-I MZ]\CDAR4& H"?HE2QOS!5QZC$B^X51WVKK1UL;0@S@MPL1!H?:"JN"}]4=% M\;]]US-F[_R2 ;2TO&MMP/I!W]\G!KNTB3OUX;%Z,0> ^KC^0130&]LH^R#_>26[M6VTNOT5437Q9_-R"GWZ.7]=&K7Y;3?RIW$H]>$77F.N%I3)=AIK#S M9^H1PW05,D&QFDFFXB7;XAME:H!Z=TZ(NC+,U^R+5 NBW$1-+,(S<^Q%)@(? M2M6*(O%F-J,ZT@5_4@R/+F#WAC$ K18P6-SR[25U$DK3H]6'9+%,,U(R\;91 MOD]58C6>F8KT&]>,JE SRI*-LC>EZTC"\]3QR2BX[5FU,F-]9_Z5 MQQ<-_1VWG0!{.=FB$BN#ENEI9I%M#(@L5X4+1"&YY"X M<:.NH&59&-.I2<^S+!_ %(&WFFA[9#EI>Z3U]5BF>W*P])=5F5C%MA1 B/'* M G&%-QS)0[6:AN K%$3/%T_X(CA+7'G7TS[!>]T^D(1C7AQ,\X0EG1++#*MW MRU/\0/*)Y),=?))2,O/(?-)KC(MJ+B3Y1/+)$?GD@/.7!?!)OS$N*NU2\HGD MDR/R24H2\I'Y!(LUX=/ZFKAW=HNBJU05D0>S#.?N ,E9Y M.3M[_1:UN/JL@Y[&6$7[SM<"M@5UWU2PJZ4AS RG\(XKD8#\$^PD&5SB;JC MJXC24@6@2ZT=NFI6UO6)FG#QI:F\4(LZQ&09YV2Z,"S#]1P6%CE,>R[8_]!5 MF)/+=Q4=CKC!UB;O)Y3B0$A)*O)5PQTN,:9N'._]%UF,_P28-8Y;).1V"HE MMDH!K:Z$5@VA543+@LQE1B;K#2V:N9&_A3T:ULZ]JOAPO+\Q(YPBK8"OE1 M"\?R19>]/78:#Y,(VR1 OX L'EF'N5Z /':^S J0.0RY@2QB+^&:24L_I?@<-M-L8#B4>)QX+*V!\.R,36G#4'9,W\X0^498[L5OV%8EAUFC)YQ#,\7\BA M*#DX.;A#GK^$SHDH4J9T!M>G80MX[/^.>YF.F6H8_^5R]X,B]=_ I"=B5XA<_W*XA?]XOM "2V!GHDNG MW1@7T!2F3,Y\"U"V&):9;J>8O.L4=\FEJLQ=)<]G MJ>#66A]C>-N>FI@ON3,"5J985CU/#M7'XMV&NB*JO"0'%B04@4T%IC5 M)]%8*C26VMC=!L=!/>%8LR#QL7/-2W(,LVZY:36*;^UJX](9)@F1?9LXEK;A M]D1R+\1*HE4BN"Y*K"N1NNS$>2B!+(%?"..F)9"P24UR+Z/)#N691 MNA.DS);8]8D;.5P:MEX,&RDMXK9VIGUV19;/7 M6P!U "J3V\> ^R9EUC- (1.G==Z7PT*+=^562A@$W-B>E+Z=W6;WW' <7I*\/S M2DG*?C2[6WB-K5PK?"952G+]97'[<9Q3O?)L F]VBO0U288L%R8E0Q;M8SLZ M/Q93S4WRH^3':O-C5E? AT1FRE]!VJ)8.65=+/8/SIV>/P&+ _T^-US%;:82C M8?D.4^-@_1_\:0Q!'_\-,E(,2;;;#0:#:55U1OK=#AU.9E335%WMD9XVTKNC M? PU&C>"U:^^(]S_KN'ZB+^BN_D:7-E#2>OELN+HIN[Y#G^<&I3Z:M?X^M,_Y M!P9,IS=>E?N'+X_??KMY MOG]\"->;++<-6$O3C)(C &J,.QNQ]C0;:X 0DB(&:D> /JC@,&XKM,"GZYN> M"QA7MDI9ER-JI^;3WH0AH']<<9QR$RB0"FN^@!@%GHUY;_> ,QYU(K%*3M M"$'C;'W9L=$J9@&OEH10W2OE=NG7UC-B;O[IU]:RO.1!X>L&Q/L:A.79?%XQ7&5!"7+H=#4*E[ZRDO4+Z@'3 MNTV4QJ:/;!7(HQEL6(H-+^;^0_8==S5='*(/+\,GE25QO*8R>6<.1GUNT%GP M)+P/5Y$5[%B0[^Q(DD)?B>GS'[W8X)N, G_7,4&@\+O@HT VH(7BV4T^,Y@E M/A00N%5'7F(KZ]@S_!DF+CLP=INS'YMC0F6V5+HCV JW3FLU15?>5A9/ C& MEE01A* X N$X'_X57@UT?_T8L%YO-SZT!)P#&7.0"RM#@,58##M"!$L*E M/:&F_;:Q\KDVLV]K+T1[\DIAJT)=+1 GS_8M? K#&DB&I#UNF'TSRX0^C.UQ M^2%T':ZB >A,LG3I=?#'Q^#0D6$QZ+ ''"/JY_$(n%;*@\[(/\YX]OOM2;H5;2 M:G.OKHB-B"^:+GUOPT_QZ]PI?79&B3 ^3GVKBJ6VO4M561^OG>M7VYUAMY!! MC5K#?KXWG6),W=+122Y>]L7K]':^*24^N=LXBM^78 3I%(7N:X;^XJ=[#G3O-D:V_^N#,MA1FX512>UM4BD> MS:\6B;2VULT2X$Z=[>70]U,EP8+$ M>;9VL? MK-7A6HMD9QNLRG(<+++J%1V%.0!)B8O'A(L;ZZ,772%.O#U)W!(^6+ M:9"7NJK0KP#D4WQ2 M&2'?QY;ZG;)8KPDGV>4).7G(ZFB'K$!')IEX\H3< 2FD#W!%'1"3!^3D 3EY M0*Z,U)$'Y$ISFD;24AZ0DP?D2D50>4!.'I"3!^3D 3EY0$ZF'@9^7DU+R5+:.M,_>PKX*UTNQ!T?X9 :N9/CLT%*Y+^,*!A"]H;EVP@V:#T,'"LTW7]3F/<-M:?9'92)!M4@ TREQ3(RP8]=BJ!%V\: M(=F@-%"1,+"MS4I1?-!OC+M-M7=P,I0\FR?/YLGLQIQ[6TH!A:S9C8/&N#\X MV*J1";T2\L>'?$HMA:R09\P M!^W&>*C&VZQ*R)<&%A+R >2+.8(14,$>[TG%1D*^_) ?!7,$.Z=_:L "UU]_M5Q*.V-*%-MIS-JD'K1B6H'47#]DM;=XS\)U%#1>Z>ILW7^M]\P3^8OMU2-D MXMJF[VU_));A=J;.C5!OO1MA]+]59Y6/^$*O)@XEWZ]8L\9K8KZ1=Q?I'3T8 M;5A740)NSGWK#&>SH\V0(P?P:W/OW34@CCIX%XR)E&8LRMQ!GOU+AC;(C?$S M\TKZMY])96=@5WGP,^46Q:SEN6P6">RST?4ZTEWZ2FTMZ7V.P4=J>T-M-(= M\RUN3+U.\C?J,J;!8?#CZIY&CJE7^CE$**08^'G-4 SS3/E1\5Q)

M7X;:UOX8Z7OD-MDU]2,;&[XJ7B4FC)U#@-]19%Y4F19J,W',$>Q&8ZECGJW8 M/BP=AA#$M6IGBXU&K6&ODS=9;"U^B.MF!P;M=7O# 1*[.EU"AS4J(CGAK MC*J9?U-H$E+V&&FE:%1$CE+U 3Z2,=&:%35B$7YQEI{OIGP7=_]'QD8OS,Y2 MS^*NTU3ITI8L4A46.8NW3M-*Z{FH3=699%3<$G?.^NC]^ <%X_\5EL6*[XI9W+* (#20X2(DT9>?SW/G=B] WWBUQG'>@RS^)Z=/\W,&.1/8[!V\@LF!] M&3&U1>(>&5/88;_9'90%4RD2-_!PP4#I=@@>\ZY+,)5^M:V7*S!>%XH1MC^X MM ;K16X'2,]G(.>]F41BP3VMAP5?#ZZ!41{S0$(DLW3/"I%^8WQX202I'>\A M"J=T1AV,K'GDQO:/D=1F,HO$SX*:82D1;C$^T,3]0-H [,+!P;5(1=Y;1]2D M2,: <2!DB4HHJ&B.,!:2O]8V^PO?Q(;V"EF@0^@_S V$?U="3(@5 >O%F)CT MTI3(? TS4D3F%P,>1K);K\@+ 45%+:#5&MQ$EB"_-(P[TVI19 M2G"E2- D3@*O31G!U.H?T@Y*;ZQZ:*RJL#M6I\8IQ3U>1:NNQ(H.!%0=:RK<5 MP1.9005FZ!=5XE9JM*4"T6&QLVT@BHK;F?]_^0QT[$5P:YK<,-57[6!* M78(B_)5:+D(#8VE<\3W 2U!=M>2$XI9U-_E"S0ELT&F,>Z6))4N%MD0R-@TY MW<:XVY>],TZ=G9\\6-=B7 M>S&^VNP/Z\&\&:K.X[^1LH;E,^6(6U5#X/'DS MO#D[# L7I]C2&C [\ : F.9"C=%%!A$<,L_6LHS/L(/I##I MANTX46"]$6=Z9=KV=YQ=9"AO$1EQ(7CP(;WGM3T=]U$P40_(.]"T3AFX.@:(*,1H MD[T3W:34@T'X%+L'K%/H .%MD/>090]VKHN&}+8T_]M@!PX.-#(QV"QP=HGC$8^Q.[X+2TCQ=E-G@12KH,?I"P1" M4<)G$:D?PBXXW+06U^F+NY^>@+M? 9RA,_.7$C;PD7D3TW\5U@ M0SX,_';,F(?,Y M7*3QRTO? 2*[#(B \<@#C)#&9+4^[';A@UN:)%A2@!A'$HX(906.0L&)<^;& M<]TOEA'< 6!77A@GVD!%UAR7G7YG1 "*S0PO>#L?A>M=B7XW:ZASR2L#+7YB M#L)(?)8*O 6?_0_*G0#7V"C'\2/X>7'(PHTX%%KXLT*!NP0[:]4<#" 1<#% M=H 5E_"*5U"0!+1 ?WIQ5K%Y-OK%T]0L\C<]4$-7%SQ!\X\P4B^!$N 8#=&P3:RI;MVRQ M"7;Q$'_UM<.-1D*5IU>_FN]@8_8X=NK1\B$";;MC\2.L9YIH]?ZZ[2(_G?N MK$X=O]"K'>SXWZ_(# 9[3\3F M?'D-%@1U\"X8$RG-6)2Y@U;77])-@@$H9^QP[=]^)I6=@5WEP<_00/\XPC[_M(H%]#BY&<@Y)X ;*/EV@D,8=>\"GOXP7*'KSK2X)1@-S.;&CX?2'K0& M3RA8S<@^@G5Z<%!82L96+\"**Z 1Z"=]V0BTEV-F834&5WUM+7;#[ZU_M9A]TB MJV'VW@NU5\)V;*9J/?R%V9-BV/5"5:5 .,"-\;W;O8"U?SAPT>[HV^ MT\.UH*B'XYVP@09&"^H]$15U%|(UT>#3S/J<.L%RQTA M)?$10!G_QVH337S& GT<(^$*W,QV4'==663#7QN4P @%"X1PO0J5#-[RS7HU M0#O%1X&J"=LW6#H+IC0SU;^E/*)2#2K;2G$5BLL6M01'LKH1< 8:&)L)?!Q^_M*Q?=!+X<,V&@]<2\&;44W9L B]N>UN5[6$]"Q"6+Z;N\C!E,$808*K&!82(<%UO<,RN3 MUEFYOU:V*\ID;M;/"IN%R%IT9Z.Q5WBEQKB@?A2ATPT>+U6X"\T;<^Z6\KMEX@[#+*DWPZ6=3 M9H(ZF-X>[*^14,+WK8\$K%O@^ZF[/\<-]\UQCZ^XS8L=Y>X'U7V&F2=_ 2-^ MKR/K!7;O\DSUN04??6'.A7M+;,RD?1,&^-QJ6Z1-7?'?S2M1^QLNBT]#X->+D M@Q]_8ON)[2Q1$^6L_1EVVS>T?FW\6Z<+-!#5Q_I0:J>)O$0"R]>P+/L5W0^! M_H+O]E'W;;)=V;<8IZ]I/;#?&KHK-+2FV+S%YD6FK\CT]':@OP)6QUX 3PJ3 M/G1+X?,,U#G81>?47#)=:PZ;E.O\#+HCU"38M4V3,I^=&-^4OE+37O)Z?DQY M6L '4,Q$SC' C49$X8PX$85X$9I'6$3Q7$&&9!2AJFLRZABU1YLQUSVCSR+';..4"JNP2[WN5Z# 7-Q_11;<.U>&7Z;!05N*:$ MCYUIJ2 NKH12RP 1\A"# O-]_0!=O:7\@3@PT4O- =S'^&6_NV/X+;*Y^) M%(P! [S(E{7W<],L40K(>(F1L<5F4X=9EK,DY&W/F9OXIA]-4&GG\"MX426 MB3N?N=]Y1L &<8X?<_,HNX/*IS*W&QO80_4>6&2* {L&0N_;?Y/%\N/G0&0Q M48&S6G-6\X@/>26&R9P20>"!61=VX,%<13F86FX]LQCB3:%>YS0;D"[9L*-570"QOW,AR_**^7+2+FR M%UW%8)DQDAA&HNPEVKJ8BV#P2(].EDPY#8)K'"\59 MX6)!CXL'D$,>1G R4-GZ M]TVZA2(MO!@*-11'?QUU>D'5QB;S=6 0D=5L$A]M*C[;WD()@K^VT!)CXX!= MC'*!E%)76@0(MZTP-[6X/L@V5>$C<8"!4)+ S7_5PJ&R#_Y554>KL<,+,.P" MG&_"EGO/I4(_S$O%4(5H2K3M&<,,&7'(0_D;V)M-FWJLU9T]%JU^7BNU_ M(IICAVI.B(^LHM/?.5G<^(4U$_$!!#LFVU\FP%"5&8"9^^UQ-TA^RV06!$B M1?USN.7%W,L\+JF_W.^!C'Q,$P{EBWSL[BX#3<3O;Y\5^1.6Q9#%@D@+ Z+ M'D7N)UQC81:U%>YTIBL:Z5,B3%=U$O0&G*Y7.$Y%/@T,TI%=[ED0:/S;2DW M+(+N<64:D^.FCKUDC,MW:]Q[{RUR@RK[$TV2_HA5U]=#TW $LQ36S[>^C4 M#0+F\-L,M?E)Z/K'!\5'<%%L4/"-F$)C!GJF\,>#EA,X?KC+E@5DD4HKE0LU M@!E0W1;Z*%T*5WB$9L+)#[?/C260_A,^8A$#;Y5X%)KSOU)8*P?O5'!C(TOX M/MMV@&&NA/*?,)[FRJAY5\SPIA%YOR7!LQ MP8B[G=.9FV3ZBI*K;PL3S5[';57E\4Z!A#OY^C[)G?F1&,AF]HW+J1J5VIB$ M\@:3X;1=$R-1VW2- <7B:6+"FP7;,/0 2X;+ADEA-#&]"K19?=5&#'C9A!N'PP4%$#B^U2>@GR.I]DEE3AHT,ML>_ MJDVM.UI7>#O-_G"8K/(V1?XF>Q;W=B'C@A8#]WJ.E,7F#O"69GX;(,5SG_%M)+"Q8H0 MMEHTM:<@/D!6_VKS:7[2@/N!&\K!9+VBB&T%;:S=^?7/(PM7!PB;8 MDGC%0A/<$<"5]?S48Z8)R]^,ZSU\%ICZGS01-3;@XPTP\LA.DXE#*)HZH-RX M!E&^$AW]*3#LF0M;&R@UL-0(Q-#S?,-2\ E?BSL?_"2Z^G*ZK<8 +%Z*Z0R. MC?NN:899>'5DW&_"VMR#9X'2R++[(,:R(VT;RY*001G^M _[%%5S<^RP?B) MZ]HZ5 .XKRS.RC(-,$P#',@TP!*,1:8!5F?P-4T#3-(*M"WJ38+:DTV]"3R: M)59P"AEB7O>P$]E[2ORO+LX(/\0 #HJD\B/#5HKVWBG?9J$]\ QTRT]',2 M=8Y=Q.TVDOYP?21:.fJ&DK7(=-< 'ZK\E,7>2!FG%&U\8>#;0I@5*_I6E>S< M\NRNM:>"77]:C'1+3I@*3TDRF9O4FL;F5.HNVI.RHI[68>\VA'K,).C"34Q^.? \R84]7GDV\,BRY*U_(!AY5I^N! M/)9W&3G^A8>U^":Y6;$U\M15X%^<$!-/CXIC7:%!E R2+!R8A)$])]'<.#2W MW\R:. ^C*,HW<@*]76*)N%A1%'#(OS$#GA[F I? T2N"%.U?A.3SVR!-76-Z1%)D.Y> / M.OYH--^/Y3WQQ#E.V<2#!RP<@\ .0E/_XT:"+"*WA6]OC[$ (3]'R3]';$;1 M@GRG8=9-Y*0P.Y#/SQ[L&$%Q!%DEH85F\)R:09J932"2E^#L]S U+U?V/EP M8-O^+R*?'"9O&-&4>$3A3@N44F^V(TX_&-;,(8'$H'A.UZ.P;0.A@MN:R@W(_M@IG!HAOW%OOYA07 G7TYGZ5*HOS4"+SX!FMH-;^TKFAXZJ%2NP_U61@XGL8 MC'O')6:ZFB3(!1-%#8*S!!$LP0-"F'MGZ8_4:F?IWP8IKS>K$_]+HTM#]Z/# M8U%N'47Z,SLJQ8(\EAV>_@HSFZ9<31YQB@=I\Q1)1DX0(F%>7L 7.$1!!P!,#C "C)\2?:[H M:#>*M+PX&)II".,:7Q)&$QT)AUIDL1/&,V$I$0P5C@UF%+Z-^4- Q8/Z2"?.W MBB?TN/,#H.%09!.>5[_!2<$7UA;.YL>VN'Z/?\)@X$6VJ-K \@:#PR_X0H>* M9'W,FR^T \O,07388F5HH@6EH):<\8L'5XT;).+V8G,-SQ=A);ZQQL>V>%= M(8L'E;^8]Q2G(3NL(9U%8#F(*M"2B&I2 9Z10TW:WT.4E M#@RW)PYDW\AA?@V9;E#N>+=,-ZA/NL&9]-W V&4^^4@QU2OEY#FSY}>$;T"Q M"^VQZ%DL@VFIO/]]>QW,D)487T8K*:QCKO4TJ77P1\?@Ul:AL4^R!{ZN$X1 ME)$;]8P91?CT93G<_@*8E9K!#BC@NZ]+XQC=_!)\&#*V@D#7."-TTL"L," MGP'CT=&MQB?HK\.I2B:.;F+%.,UUXYL[P4==E%F2!RK3-}]L!(.$;!]"@04+I MR#QVQ,UZ: PR6!CH*)A&\$.&VRY>!%,%[T_2(AAHG00S!;LR4G'G$!7A\Q2E M&\? I'1BE@+8URO@6%B% W_GVE-0DS@\<$,WCG-_YW@-M&OQ/">+L=\.@=](#0:+8*+32:;FTV@(SYG@XN,7\3'1;*Y T#5$-8)HH(% MRC*=#!?PR%L]@T' N>@.O#!#)X-NH+?R]7,+'(>Q"HO@H56V9,N%]P-2\88 M=U2P# U[K.:Y_L'\X^THRN>Q6OP0)21I^M+;Z@N1^;UFX>F%_.>W=]&HF*+Q M[9R0 3:1(GFS_+D#? _KS\N]/SSI7%^>.>^@^!1W6{GO'NUX:-6_ ZL MW_R2=E#UW_-[L[_@N5X \8F>X/_"MZ1S=LF>KL;0=J-YM\:-%%SDI>JK'/5_>SW12 M_<('U'L\H#:Y"6PR_<9=K5W"-M#]#=7[0&2P%]J[MR;V=AS;"BQ!=L'XH8:=F^*GO_NMGYX!_) ?\,=G]G]0M:"E>KE[_/1F;'Y801L^),3@<8;=:O<-:?0Q D.N9QJ#: MHYJ$!(.6;!Q./WG9DI #DN5CP&BM-)UA*=/[,DOG2X"_PP5W MOKYJJ4I:[/"W4Z^6"6>;^B?LHW9\[G4>]>_W-8S&T?13N_]6.O7W;:P>BM_MK;91XV-13ZVXME6P)_)X"?MXT;DXVW%+_#DM5&R@,4?D W=[K9>RC;B^7_)3 M6H&M%5BWU;_'Z=<*P&XT^L_OHD%O?'5U==GMCM7Y:5]?#L:ZU^L.NV?JK'? +C38,/LP)@H,Y#<$1A1ZR;\PO>3G"@/+ M 2$_61(W]J6X;:*B:Z&">1@C/7(/-=-#,,)AG$;P7IA2, ML@A.3 2&QNF=SBRV]#:-RYD.@RD,&!&ZLQ0VV;\8+9R. S7\9QGE$?[X)M.Q M*N"5_Q6K!"(N(.E2[H$L^@KO%+!_PC\G/2Q?X'P7#?3U$.RHA_ I&;S MMS^:+I ' ,5'B=D-9Q9LC]_K.^C1]HCWYBU!3?LO%% 7DQ:/GSDH,QA?'F. M.K]:A]>O;_[%73 .0J[#L8XSTI<%G@.C"C-0$G^A84#M["7<"180_!%+U#3 M[HHID,[GL#'+!#ZF]6XD+3,4%.K@%RW[+=8*W; W>@2&HM##:0+K.X$O'*12 M?=(Q_'(2!A.=@(/"1Y,.S:(D G,$%NQ6KU"XC?1L(\VZ3[&,5:W9 3#A>B)E M/:0=X;TJN'(%12:G>/>?I_R2'TCU8!"N4@*K)+QOR8*? N*^H00Y'0;'Z*TM. M_0NM>^^J*@O_O/,X1 G^LT UO+++&S6&P?Z@XCNUR/%RXZL_:+HOP/K<5\YP M//YF,UR'2_P/M3-C"6 KC?_SNW^[_WT\=U_?2: [^!]_5GL[@W2?!$.WL&; ML#;,9M&P?1Y=^O42EF"$8[GI-!8K/,Z4\5RU, <0[Z7M*62A5'U:J -$-P($' M\/>OT2*HV(1TN5F>KL;0=J-YM\:-/%SNJ[O-K'/5_>SW12 [_=KW^_:G\W0GJ$6>6?6S*Y68PAQD^5Q M<2!8BN5 $#[B:OGWZQ9KV]NQV%%\_N-OZI=]O, 5:$:=<+QE&"E1L%=!)?; M2C0%YHMR/,P]?/(W)K#G9L,\;+>^ZEY5-]GY1IOT5;_VM8N3#?]6"'+P]+ ;YX4O M(\CH8DY6"J=NK-[K;B-YX_GI3G!\VD1%26[,A@BZ(MXFUQZ_:,5.3^@\: KW MWJ>>8 ;^W07'8&J-RRZ%M:+DVI3 MK49#8HU"2ZKF\RS]&F$.#3[9/0OA:15+6?O ;7@)'U!%Y?DY 3JZ/[>ZR\ M:TFS7.<>,"Z%BN+\AP?+8& ^(IRX[_>[9TS 7G73.KK9U[/0*>WDH':6>&K] MHQY#/+6GG",/(AXZ1$$\"7W0(0G$^"E'[@^-T]\+'IZG8)':DF1L+U9T0V:I M)^$564,]N!<%Y1M+M/]8\W",0FO5\-NJX=,2B"Y+:,+_$\SI*3& V#Y&Y6L-D M7/(]/S[N'PD##+B.8KM.MH?3S*I_':K>[%MWX<7ZMO3W>1L:IN<')52]"^O M6]5HE:+6=ZE[T2I%]Q0UVI;PY+)]=$Q9OV&N@+*'KR4M^#WE,5WJ8 M7]6'^ MAZSK#=/=$UU_W;TX?W)>VU8M]ETMNB?=5BE:I:C9BHN3UE2T6E&_;)^=-'%T4 MZ?UXS!A)0E1D]EC-KK2EB]RHX[NWZ*\ONYVK)6.PY1+O@W9 .\:UPU2,WEGG M)7IFM\JQ#\KQNMOM]%JKT2K&DM7H=UZB*_4N*,>VK8MW&H":,8Y9D5MDP.5; MEZN$31U5L0&BBF-Z7S95*%DQO!O;0RK?^RH&9)]+ :N/JK2B,.U@5:-H_#U<'M!BONN=G? 08 MR9K'>O57!=7@2+F#V7-_[WSJX*I$2:&2283(=)7G2-*$ YJ7V3RELM@Q0M]U MA@6T5!C%U6Q9$&,U+#%!#.(W@-0Y-/D\7 M5O=:\TW>0+4_H6&\,8!E)BO?/=-!I.?X+?NN?):R!S]3"#D^- M9(S##YUT<M'Z?RCD6[7OTC(KT,13_D,JJ)-R-N"&\[R M^E8AU84B@@E\D;Y-XUL760WX'*^M$0VU_8@CQ$;WDP2L"0]VR:R; MW5'K2H#UF7F;L46[8+="6 MYT;_>5G80(CRWS,HJ;L&T6I=\&BAK9IH-,;XJQG:ZC3CM@I6_<,0GH@%A3D7Z"K'<$K'H^,2Q9TP(L%&,A]^-)FF6ECG>6_4864?QK#;O MXJ^E94&G]1#.CQ0)!^"RJT<1'79$\C+4&;IN!5R-;L;!'9P*,"X\,Z4JN4SR M<@B.2#XN\>B7-^&)BO7#YF4A?G.F<-HP"2';(B*KN/H4$W=T0X#N(UXV#C? M# ZY]OZS_OZCXCRM7((U(@-9C_G-J.0QNF3H\LRQ.U\&GBV%Z/+J=L#:X9*>,HW,D&:&A7@< MQ30\++37\"12>'P7,_+PHFO^@S<^?GSM]3_[>)M;GU_$D"&2Y6QBV8D8S]) MI-0XV5]@5_1.;<1*?#4S?O95*8H !K7$^\!8W/=F67:"ZX+E%3')"OG=(!JZ M*#H!5.\Y4S6RFTW";F!==';K(A]N.6?(8/"67^)]D* <<,^$Y=1>_8NS:#[O5 MR.H@-_?U;$3;!SD6POJ"/2+0D7N$#+8N=L'2KE0>,PP?-WC493XO6(++FZ6 M@2,/4[@T6=-/N]DZ[82?2^A0(1R6'HF] [R'R:3AS5H)K8K]T28-ZPG"O&6 MS5>N*:X<_%%F48[G)Y?*S)__YZ08!,[1;3A\&%W$<,UKUJ6VJ.%><'PL!&/-M%>XG]54(*1-S0N-5.I< E2'UH8LTG;;.79 /5'E?]&P>IPM#8%Y,X7!7G0H/ MSAKIRBA1^^_5>?!A6*08ZQ!U/>,ON=DV?:NFX?P5^I-EW"S6/*0A7@[&+(?U MTHEW;Z]>DOS1&',?]EPNXHZPLEA>_T>C4]O'C)]+&!*X>^2M@4%%SUULOU;SW$Q25/#C8&NG)PEJA$3=AQ'Z7P M$KZOT2V2@\"%=Y]#UQYVE1S?L"B,&1\2B8I$]'"F!/>]13^FRJD G4]74?,&\!WFZEQSJ8P^T!6$%VUY,B8DCWLUR,;CM,:<3P M3T37<%@8R=V,S=)DG,D>PN?"(*KDZ6:]]FN_"6VKB03=,-/G-#)2_A/9=3* MN(^W!WJ/!ZT? I7YXYE^:HB 9Q3@HJT\F&7RL-%,9WDE!G,B!IW-9'2'&9)D7 ME<2 |>R1\)'U@A23-IM[GW$#S*>]NS,_B@YT6!IRD.QJ66>'\@FH, >[1*B& MWJ;U]Y$]"6# <@&8+2^H-K[L9ABDX1X=NV#N7CN:,W5UHMP9L=,I:V@NV">[! M-K=.%?KK]KFTA5DKF'--'D264+$[XVN42=I0\Z!($:LZ/L?=X#%. /M6-&9Y M^U(ZVKA'Y^0?],R$] 11,@D=-3I1K)_PMYMDS!G=X*--UEVSYX$YH4'>L]Z+N3"6Y.>\]KPM\$?S$O7+IJF%M$-9IBCV?>W:)OI3GN M3&0@L'=HLX@++PTYG\=P9?3],/2$?3ED97R@U^;Z;Q()?LAFZC$9#]OP=[# M"9C.HF'P+A5]?;EQ_0B.09S.:>TS-'FX'2:990FU0<"6:V/WM=B!,7PF+*BOE MNA;:T\^[=L\H@:QD22GS"#6&[X 6 U]3W6LH1IKF*N9S0V6VIYD 133R M"./$ENYSN98OBUDQ]B#6DRCG+*X='TP-=712@I>(XQYHW'OP^UL5Q8H0!)]2 M&Y6$)S<|A/T0\?\PH9"6Q$EL(Q[URX28U) "CC5,CW\UMJ%4RVY:O>>3V18V M7F9(-E3-#>X/W7V]G4N1UP9/TLLELS)2B[/-NJ. 6P]41D90'*C&]03UA;(M6V+GZAIX$M_:[0WB$9RM5_O-V?I)3VAC?X!3[3;2=X=H,G^7NU9QAT$3[#I(M.6W7=R1G(8 *O?OT,ZG?^YM//W,0!K04=H@Y@\A/ ?V38\=\$4]-X?\%Q4+0 M]*- Y,3.IV/4WK#YP%@>KN*1AENV*-V@ET|C@YV|HVJG!^X5QC3UV=`1 MUIR?QX=:G&< M#J6%G[G\@3>3D3<#'N.=CF,IF.#OUOIDH$G,0"B(0P0/E],I0X$U8NHQ&E)P M%/OITMT1'2O31!EVBJZOY-1<4R5[P,&4D*^/$P_TSD#S18/S:HAW M$- \OM;3X&%,M7MB[:%<:MADQ@RLN7I$LD W6>>XC 9CA4(]R M&]"ER*(\"#&B./P&.$53M6X$)0.%.4BMV7DQH4"7"6ZA_O/W=Y^^_O MX!Y;)I%1DD\2M\ZE7;HI(0"_TI0!'**'3;@?<)T9[A ,873@869Y@(-)3!F! MX/CQZ]\SBD4-J]*C.C"X',*WT' 17BX7RC8]GBW$;W<[L&D@H@ MKQUW7Y;"N^"Q:+#*%&*2+QT7=Z#K9&% HZD'1=7./PF[8"\,34[@MX-6\F] MC_!N&O5B:S-%6>^Q9-A0]\0>=&8#3<8(MIY#Z#'!]2I-_O7%U>/$E/ MBLO.^9,U[SCK-[^C'5/U]T_53^0IQW39ZS_)F*XZE^?;S>[;KQV,Z.+7MEUI MVZXT"F)]VY7CDCMO\.>V TW;@>9XI\\HC2?, VU'F[:5R$82 M;3O:M&JX Q)])C5<* [?]$IKO4S]&';^M+NZ73#WW_.E.XFW68"^DY'=8.KYN M2[_3@EB,JM&_X^FCM-44=YN5\/+TX@48&%=;V+;ER]%JVE7W)1B"6TT[/DWK MA6>]\U;7=F8]#EO7+]Y.]U;7GLA!?4[_?.-.!=]_.S;NPY-6]^3[Q_%3[QTL M2&XO#R!U(I\B=K%@]?G1/ZCF)"(MP!.NO*3K-?D-YFF4%*:V")__AM),5 =G)B\\,UO+@$@#-"*6N+QNN(/WW)= M.8\O"QN&06/%0[SQ^="ZJ% RG*;#*T@%6 MEZ)!BU/\9IH)4;\0H]@%AO18^9TK>2)MGZHL,/OY)S>9O?ZP, X2:X(:?P%NR*

M&A8V$N2F5S.9^^6DUS=O9,XC5:B [25"]6#;$_++4"<_1P@K^Y(92.D?7&5 MA/CTD38<.6$ IN#G/U_B?^!):A 5P7N$W2:Z'"'O?0{(D,#.UI:\,_+7N3#IA M-'@TSVUF;O7IGNNWV M)$;]?$.C7K-7C,:<([U6@IOJO'HXG+O'(M:: FCWX'1E,HZ@A6>SKH%"5C=Y ML W?ETBX9^W7-4@17@G:AR3F6@/8XR:G-@286ND3SJ-S7$2@(WCGO[."P- M8]GRUF>U47\(_'CMV60A/6HDMAN#A6>F[K3Z0E!-0< ,7.J2'\@U34]I.HAF6 ML)C M1WI&O"=8?PM'PVKCZB85\A$+ fS6'!=LV#VM\L)9K*X_AX28L]&R8LUKTS:L' MVK!^K_*8_NE3V,"-IM-DS'R#}#"3QN:PLLE6[+%,C40F)+*LG 66NP#>14O* M?T9J7=A9%=@]_AX4$D0$$X/IV J6M0&K4-H2C';Z;0S*"_W?*8GN O1_`^6V"YIX<$:+=!67<+Z&U M=2@[4X>R#,@:T__=(JH-'G @MP#85&/&`]MX^Z05H'USRCSK7*AM.!]IK=Q&1T7#=_'VPWIVSS:*X6USJV^58O^5XJ15BE8IJO,]/>^V2M$J15TI MSIY;*9[(1]H:,[+WL*O*4JQ_LU 6&T\ MM]&K;*6U3EKGC_7!IS#T_8'Z ;H^P*8/[FOND/M]B 7_;1S\T (9K_O?M[&M M5BEJ2M%KE:)5BF5FPU8I6J7XYDIQN+'=WDD;"- 11L5.;43KN)3BXKQ5BE8IZ1#F7JL4K5+4FN=T'P9).LYH;O>J#7YO M(ZZ+8XQ^V[CW(^HQ-XU:I)Y!Z9UW^EL6SC0O\CY8SV]W"3},Y>B?;%VLVRK' ML2@'6(YMBW5;Y3:Y;AJ+4<;VVWP,4^1'G,CSIH68I*BN\9.8?;=*)E1:@7)M-FJETM#LR6^9Y;7!\ML3-77SX#Y'IB/ ;1]7, ^,>]#M,S:*OS2T ^-LS!=H4 M";K=+* OUI4Z^ESROH5ITTSF.IW"'^@TU -"XGW*GOZG[F%QP_N^4*]Y!*QD@0@/[VD^??OFX-LOF):S1@(W<86S/0+&06N M]5] MBIEN,- ;F26XJHJ6^+?.L1#6#A\%XTBP]0#^\1B[8Q^6+7@1@+>Z*:9#.YVE6 ME(GM@H3]B_QV?;@U8]W0(WFC1W!]^;W?#G*3;%#SM6(#;==6K5MMA_;X5!GK MM*^F= VMMIY #W'8XQB'G4QHG*[#);H4?A5./_TUHI9;"V[XI,?C:!AQMTP0 M"@SE,%5J(PCSYM8818>TI.12\"-0S]_ZAL>0/O&J9WZL]E0GV&XX]VGT]M%< MFM[=- WS^\GEF]NR'-O.JJI_A-:G!-LA37Y8FT3"X24;E-&ZM-[=[C?1,O9.WI\^_4S_[+[]_A W/S8Q MQ#F"5F7@6'F]@$U?SP F"C^#UFHZ ZL=D.'SH- >XWTKX7DK*1^^[UW(-GY*#>- "W@",-??A" M\,3R0MKRV6Z<>3HN[F#78?=A]_HY"_H#,'NES((XTR@ **AYA'DE7Y_X%?0 M- *6UIGM):$=P"ZL[DM]56E_RZ\$5D3_B*]-Y$\Q/XNU8$_>\G1BOKCH7)Q=; M-V+L=RZN+IZHF=]%;]MV=^L;YYVW8SKR,5UU+K?4S-5O..UNU])QJ9@NSM;+ MZ0A[S+6-&'JH&S'Z*:$<:W[5=[QX@M(,3VRYH MXL$)=1>4<;^$UK9@W)D6C!MW6CP,*?D-%8^O>>+G%),_62T<>#P$&5M-<;<+ M)_H7+]$+\N%UO$=62W] FG9Z?MI]VLZLQB%K6C?LGK]$$]-6UXY1U_IG5WNK M:T_DH.YDS=Y)2SRR#?'(;1/QR"'6-*
UI@HRF0>DR!0^^D4N'0/?UAJ=%27"=1RKX30VC<32DT>.3=K(@\GH&WQNJ%54U M,%!34H?3>E]FZ5S71;W!ZJR7N0".#[+^ BV5S!DE:,0@14@Y]UB:S6#P AFF MFH49@7"QB '$I(=IDLY DV!SQ+&&_0'+E9?8916C+[KAV.T[O@AR+7URQ7>Z7)P@.NH)S%HAM)_@1K$U4X)1BM2!\;H+[M&-XW"| .)2,"13O0<#*!C4_U?!G,*4*SAR-4-/%%=60\'E/X%Z?)1)Z+=0^P M+8?P)["=!-KU!)#@0C,LF,3P_A\DB>M_(#C;E@#:A47TU]Y*VY5 M,B2(N]F/X3RP2VA@5PI_@O7QJ!H7,`,+U5.K_T$#5Z>];< YW>OVSIP*> MG5P]&?"L'=.QC^FJ:Y6C58Y5RG'2>0GX M9:L<>Z$@WB- /BF[>Z+#8WZ[CYP_KB=EVHC]@G3B[.'6BU8E.9<3EPSHJMTUIOB\]AUT)KLG,5NS875?63CW#*V,A&_OQN.(J_,?&JS9$Q-Z<=7VI&]U MHJ83#SM56YTX8)WHG3[,_VZ5XI"5HG?9!G,W%E:;*MA85I>/]+[W,.2]48NQ M-OYI;"&,U_WOV[A6JQ1U_HQ6*5JE:"U%JQ0OH!0"'-2];$/@CR9Q.O @^ VW MXQUGZNTVV5XUB4 RS'MG6ZK7(<26SWX;68 M1RJRDU7%F(?8U\"G17E43X-5+01ZJ[<04/F&C0Y\TO!1!M],D#)^)UGNX_1. MNQX#MVE"6?2UF07?? 63BKX]T.:"D!4KI_;>; !:PG/M]'N@M_/I; M$!4]9:[3>:S?9#]FUA##-/?{[U]"[>RB'=)>^O@G-9N__=%"NK;?3J;UP2CH MUEJ$=!_7(B3$Y((TT@SW\+[]3@NE. MU5TR#=#Y/LZ+$M@2;NB&D)38] M&)F6%&X+R+M,<(W6'[S* MW#Y5OK*H= P9Q6V++<7*L&^^2H0\7=>@1 60-%E8:1F"J,@A$_Y T9%0;<, M!3V&PV=L7V]F3UHZ2"TJL02@\X%S)L!1)H*42$+O*X18=`V8A\.L]%K)>^!+ M(8*GN+CCKF:SA;]VF+_*[E?,CQ9,"B"39NLM2HLF#V9G3% M\,RP#P=SJN!? 1+#9<9,^69W/3P8U>_?'WFY>ME\5/>Z4ZUOW8WH"J(JD!T? M\@";[X<7$B0.%K3JI\8DTEV:FJ&0'LLTX%:L"KHP75-(-/B)]_U'M@2/VO4O M.7&8@_7>8VWO7V3;].B$ME1$MZCHN]N6.!H.W'06#3U@*U>-\6ECX]Y^Q1H5 MP,@AE/BGM'W&-MF;W37]'SS/!#T#N(ZC%W)+H8>$7$9,=[GTQ1JAAHQ)C*AZ M21"1?" <1+YEN2Q@9A(/S9R[K9H=]PC\N-87)G!5L]Q1\S3.YVM7H,C0P]> MMBT)=F L+0YP?P;_2!Q@>\IN9<1'>],D\AR]"N45??X5_<8]/=?)DZ MI_0__&LI- ./KTYW7? 2K\JKZ"R3_8=Y0#8]Y:WX/+C ->^$C?"IVKH55R) Q MCV _#N]KLTX8*?%IQI(75P5Q**\"F$:$B!B7&:$-#RV%G MZ D Q+$DHG].2B(0[9Y*E._!8NC1!.T^"1,87G'F%/ ,H-9D/,:<^4@@_=F MA!D%8;T=_>K,0"JF(F):K=HXW=NQ&9.H%;[(V,&!DOZCTL,V@<#R'8_N&B&& M;A_Y1&Q(3%P2546=V,PN#$+>Q@'PE_T4"&;VYV6J>E*<%0; MYR:..SZ/Y9 ,*U^@X+$C76E>C5&*F\HS&-[BQ-PXWO%8V$RPSQD44UE- M;PVIAMZ/]V84$B;L'?. {"@L&#IGA@_+(@*E0+Q)EB,9)N*$MTUXY!L?:]^_M',M,OD8,)8KQ&"7;/$%]-LRFPW/1H3WLJ[O[CJ_3'&54[P]*8X]A85?K(A/\ M2N4IH)WB*S(N/9*T].D$_XIK12>Z;6/='ZC_.['B1E*D0I:9>&\._ILG =Y'J MR'.CS+:QA#A3E(S+<^]0:7GGN.=N,6T7F51>QRL/M(M__1IF!SA;K:#/MXN_\XNOY?*E;J ,=T-<$T7_^YM:OBWYV=9'QO#B^1O55FB MC(.^;+X=@R*>H6-UBZZY.4#-C8W/HP9'OE6*YU *=U5"0#YV;L>]3BZ7IR_$ M5*CNVHWZ+&MB;\L+N:MBS0=C%0I-U\"2V-O0"V[WR7.=G8Q:E3-,?S55+YPU M\2_VC:N$\8MY";YSNUS/LUP8B2KG-CI'M*L8V664-,&H*6,F !2ZE6 =8\YD MYP;[%>536-5)FHYR ^>V+DZ[E,_LMIB[,4/UA\AI*!02%/9MU^/Y3Z>\P) <-MK'[@[*BRA>S4"Y.TZ[- $)3C_'E"A^[:T#E $THI9-,%,*I2=07G'": M12)ZANE>R0[+YYE61)XF(!"8[$A7X0'M)GN.Y76U+-C3:\0A-R1)2,V5E6^? MF2I'94Q<'"8;8RG["7/6KM8SK)9$I+$K6NHV'EC#61K%?@!\GLY+;$99SN$H MXW)8B[$RIR%E6+(LA4_,&,)P][*6]=G56ERUM18[,):VUF)_!O_(6HO=Q2EA M,U[D-E'4 '>6&A(25Z:.&+7H([*E94"GNM/YSM9QPR_JL&E41T8 7AV*'JZT9X68A(VSM-_MM&+T)0^]/[# +3]5&:8EPZI M@6@0C:G[)?&'-9&X0;DM%2#*7]7=T,+JOAW%:O032N?A(3"0EA MK8ASIE@[%-/$FH;SN!79. <1F[;]"_QHB@(C !5DM<,#"'2#.O#\=&Y54)KQMV$!V%QJKSA:!13(@=2A-?& MT')9F'A_GM=-'!HRE6153R T01YFZ0\(VZIF$R_<&KK9!$5G"+[F*C'4X0)$ M+YDZ/&KK?#_.'Q6T@Z."7;"'S(LK0VA@GQZ+"]&%&AG+"(M1C)+)>,6:8AWR#2%_)P\Q)*@[?:0IP8#M7?ZHW=#NW%$C):SC&_M(.1I-.?' MTX=]AC&O^6%5 T/YV4"'L#>1:/[08."AS-%U9?N9BI)657>@LHS7;$/3&G*U MBZVR8OI&PK_0O^ AR!I#(7XOKL\L=MZ1 M+(@ LJ1]NF)D0VZS(:I7A5EA5_GBQOYN&QBXIOM =F@ M!^('_N-;!<],[&RI9$K])})$ZO?JY'Y><5L#,]!A78P,NY]QL]!{LZ2FJR\] M)%KM*H"L\22?SY8#52H"BFF&5)O8<0\W$I4*=9".?6D)]VUI/I9P(4_OU+IF N9MUX29B7T&Y0Y\6:TW:DA]PE!\URE-NJG)I=@(?P._D\1A4R M)_E-GBG-Q;'_K69*)&%NBGQ1M%Z IEZJS@U@:XY?^*RB.VPZS/I&<&BAS)Q& M@VBIF)*

{[Z;I>06";Z#ZJQ>"AUG?!]YA8EK3<-V-Z[9NA4B.O:SD$A6T-MKR5F&8ELRU\?OW#>EP26KTX6QKNN,`.:*BEN-M:U>NS;U,2V&PBG7-L+OS-M-RQ5A_5L4PC,5P,\,,EE3WIHI"#;\(0\%]IM&=E9YE?.*8T+V,,SG7VIXX9%+#243H)QPB%093GW.Z>R0**LL]V[#^/0^0=8X8&I11?(-MK)53;LI#.-PJ+8U-XY;J<-U%R?F,ID25S5U]W!M(FY!Q#.NIB-@R7A9&GO-MK=\87+;MK82VU9)T5I*!A1Z'>H4Y&0&.0Y47EG%PH+W=*57M-MUA>LV52.9%$-JE2_["Q!G\<^EJ'}4E-9'1+(QT7F.YW+1L,W&<*K-4FV+X-MX0)4;ZABKPQ6EL,K@!6?&<)}3+O&CV@RH/7T]PEXD8U#BJ'NVE%IXV#PW-S,1-MWD;?X%7=0CE3?1]AR0DTZE]8V#"TZS)BBUYX!-/>FSR&-+-FN-V|S]!MS2IV-MAB->0$]B(2PHG:W\E&6"*7BI%R2KQ*(-B!-MB\\+MP&3{F#$,H&@I*U0UGC!AQ9NP@O@F$B!=2?-M*:Q)E930=KFKMIY]MQUV%,VY2@.^OT4YN]2_P8AQYI$-M?*>U+5,[P>^8UU1N(Z0N*2@.7BZSKU"DT;2\:=[9/]S59!3E:3A/V?"&3F"8-MW*3QGTEY<'9">PG,"L5*)1-=03&8QH$NE]'X9Y,_24"S*JN'@[-Y&8+7[$F+8Z-M+L92P_EYUOMD^TE:JZVAIS2WC6J*(V,(-5TI$KAA1-\L=2W;-!LS#0TN@WENQ>/D7]92D3NQZ81GR&M'P#N:O"-MA/DESNB6S@16;O72!7#C71->\A3VK-MFG!O9#"\&2-<7%L76V(>PAUUCHV8;=J2:M-YT"GA-/R!"6P(6;((*,BGLM$R-M>L:!GNRI+2OA!_],$I6W[5A[,4\R'+NB"*0%NQH6\""""4+$8#-[Y+Q-],U@=-MDYA""BR.Q65U?2E:W7%)"Y7KZK-BI+TUK1:-P>UXB0D!Z8Y"W)3N>]+$4-MX]FQI#N^O7\W5A!>5A-O2X7")!P3Q^=72!0?[*<+-2.FK7B@3AA9;!S5?]_-'"*C-B-"1=1#B+]=M\G);*>"Q:+SHVG?>SU)02SQ3J-MLS2-YX,5*V-RY^$D6H_:#A_/54I/|E$++${58]6E75O$]E5VIT(F1^]5VF9YE-MF2H5.:XO+9:KP4JV!?//L49^\T-/UK7L)^&)B+AF<',8&"+A]X16K5VL-MYR-#(N"",,NGPH[D1^$0P5WXM_=W]L%>AY7(9)--1+I:$-CW-J4!^%DW5\M%[<.7/6?.4,QF-M96)N.&&@=):"D(?&K1MCW@)^7<(ZI:@'H:!W--G!SU.N#*)H4CJ(:+(F,F8'-MRD/GD))!PX5F5;O9*CQA@PO2M!'@BZ!H++#3!TF#@$-M*]?VF7U(;_=(K'&U5FW!0=Z>Q-7-?;H+>;-W1#&DN\V\"WO?-L;@(IYH2:<-MIFO,5&-Z!<&;]45UW33UM+3,ZTX.&N1$\|,ED!AE]FD6F=K\1!X]"]A\,/P4TYL^Z:6;7G.D\?B[7H@Y]U]QD]5<,J-FNBE]$0)C=-1S&A\67/*F3AR-ZZ0M;&B9&%:+%$P=0F@P/#;5X-4+&&3V_=D*JF,GZ+9--J\(VB/0VU2_4%F@"L!%-MF-!OD3A2O%L77%'RB*945BOFPL43%5A_7Y^;F4&F:ZA6?-MM%A8BX7MMEC8'1A+BX7=G\$?"A8676T!'!F#2-X?.1,0!176JRZ]D)DYG#SK-MC>5A'A"K8MBE"L.5-?L4?>)'2/L7]KU,$88-P?A/0G(BQZS<9BKEA.\1*E1-MA/Z:O9!3U-O@U[0'57)5EW"Z"E),'BK.1:R32<&T3"!_N%?CN:6RA;2NH8_B-M!0:&.65_T0$0AP23K=VL"*?AYD>QA3OC=\%#AWS]R_0;C5Z]KF59*I",*M,"-M78!03'ZO45L"-"9]':(3H-CFKMRHS-M5@^_V@*;++"!UP*:=F-L+:,!?]P9_*,"FU3[3^KB.EBA;/.ZZ]*QP10,62!O,-M&3$Q55"IC=4WEG6*B5ZJ!\)=Q=R/-=X]O'NCO:G*N.GLPTL?'FDXO3]2GQZP-M<>K.T31BHA(OUPZ!'50O4F(Y?1G70U108SZ+$@0?IZ5!X\(#DD/QHZH)56X-MP8[51AYIG9_/],6R3LV.$PW65UUUO11,ELN-\L4/-P-JU]LZB7CAX3J)^CBL-MQZ66!^$:;GGCWOBZ,/9?K2?D4MHM-M-&1P,R]H;-LW+<.5WI-F5_--VC9PVGNY?!K/I^?-Z$/T=4T#+2TBO27_%M=-M9W;F:D@L2^BWYA%X4:P[2;-)7A7]Y66Z0!18T-M<'JPZHDO]=UQ%PS+L,#Q8M/XXS#,W0V?50D",O!X*S-64'C%+7*OKE5Q-KSK4!=FPRU,5/]^L-,-MNFK[1IB-I^MR^UGF97VDZ"&"-&U4,++VAT5?VVT.HAO-M$R#WDGP8VU39W-89"U9!-KY!A5R4?LJ]?-$AUPA4LWB#K=HHR>O%;^_E6ZM^-MDT#"IHLROHO#3D:7D"ITF&'GD^6L-X<3&I;:V7HP"(,:*E\H16O@*W^#":)G-M:8^)R?-/<]PA$ZZN]NR<:5R(KZ0^$-PZG92KT-KY3TVOY0]A)R*[,(%N-IMM-M2&5KZ#W8D6&=98T1R'9*'T7+US,2-9)N2<,\-UZDEIX*2P-:K+-M^FS>ZC[(H#_=_"+>-W=*6A,).6%N0&/*\"YRR"RO5"+>,P-"!=9?9ULF\8MX-MG-Z[:M$L#K>;P#QW[&.&7<]K>\W;YNY=E;&C!D8LJ#K4NTE?M$4,,2P])P-M0-Y@IWZ3D,!-_E8Y)AHXW./!7ED11?5S*OS-Y>9#QLV8DMT^!QL*Y0?VDZ"&"-&U4,++VAT5?VVT.HAO-M$R#WDGP8VU39W-89"U9!-KY!A5R4?L]!?$AUPA4LWB#K=HHR>O%;^_E6ZM^-MDT#"IHLROHO#3D:7D"ITF&'GD^6L-X<3&I;:V7HP"(,:*E\H16O@*W^#":)G-M:8^)R?-/<]PA$ZZN]NR<:5R(KZ0^$-PZG92KT-KY3TVOY0]A)R*[,(%N-IMM-M2&5KZ#W8D6&=98T1R'9*'T7+US,2-9)N2<,\-UZDEIX*2P-:K+-M^FS>ZC[(H#_=_"+>-W=*6A,).6%N0&/*\"YRR"RO5"+>,P-"!=9?9ULF\8MX-MG-Z[:M$L#K>;P#QW[&.&7<]K>\W;YNY=E;&C!D8LJ#K4NTE?M$4,,2P])P-M0-Y@IWZ3D,!-_E8Y)AHXW./!7ED11?5S*OS-Y>9#QLV8DMT^!QL*Y0?VDZ"&"-&U4,++VAT5?VVT.HAO-M$R#WDGP8VU39W-89"U9!-KY!A5R4?LJ]?-

*M%!MYLZ2A6W0F0AO"5C1U5"NL1S ''@=9,.=!5[LUVMK75HS$%!MT=0U7!>XBQT7ES<:1(A*?8DK;@6"D,J@KE:24#<:W%NA]C|B8RL&G|D:B1*7 MF,G-Q#'7MJL^E@'VU6A5#US(ZEK /ATS>*-$R5LTYK*EA(+@YG6U[S$V]21? M+.77%=C%4,,;$F1PTDTL%&(!^.S+FMF)*/";5TD(_R3DEQJP+V(^(-5K+ZDT' MP![-^1#?B\+L7"Q',G2[R'I\Z*%$TRW3N4&X,Q+=;)I9!6RP/;(I]7&T],[* MV\6&M4< "BS2QS/"B M@;"M<[!X)QF7K3:@NL =1&@V/S*!<1T6%ZSR #W)225^-03 <%MG"2*S'HH7R&)G[-J20U:R8'5FS48I>";7GN94L.S\4X,8JBN$6@"7 MMJ$,W,;$<0]75 MI":-S^]GT2NB6V#AP2Z:7IEW>O37G M@MBVN@'A0#Z3\1L=N;2M4O3O(ZYSH']4CGD:3_*B> ^09&:QPT-E@<!C=E@Q M <9%(><73%O4^G%418: H';'A)Z%Z[2&8)6?75[\BD.CY%0+.E Y7GL)G$49 M_IC+'DU?(855W(Y%N<)V^+CO<"1,">9YP2B@4XX5'&45% H*\ZXL 74E?A)C3A!%S*,[1?%6K[MD.XWBF"6*J(0;1312@>V MF593"Z4/R-LC1M':8E[*&5.^"C3_@*2QH=>H]^O0X^5=-K7$#%C!*(PH#]7 MQ'0LZ^F)7'7'1E'K(_JB(E-4=-07%6W 6/JBHIEH'-'B$@DYM1]+WY01T32;Q.BF5R!8ZP]:Fl(_4=%LC$$D5$=P_6L349GT7 MSN)N[V=M=E..K2QWR,T Y$;,,<3>3H#S+(X&3\.#WR%3GF7 MF%*8'D[+,^/M;GT@1H9R|GC&#I36#@>]QNC~IGDBG((=NX8V* 0,N#Y3NO&/"M^EG-%TG-% M^5>O5E%VA-T<-1W=7Q+G%&LD2K1;Y)J0F5QOU($F=7EB!$%%D:+Y"V-H:*FONGLXU7BD1,550S.-!$]+&[&9O0&H$&BZEC M46CP9UC8QAW!?I#+]LAUD=](G@2R40M!HH=F'jA^$!)K"I8_).SUA+MG]BV#MH$^A81?:V9&'1W'Q72P!>ZCVX$[-0CR5;?4G.XTMYN>.*1!TF=H64D9C&W*DP9/|VN],;(2F$XH+(+?:QQ\#O"["(1"31>8N$JW+00S(+WM;P..1A.%0PB*&B&;ILF$CSOWR\X:G8JM(?B=_5E?@IO<0\-HUFMQG;@-H3%) MG86WJ1*L$,*PQ'4+JE<]@)FJ5]PKW! M)>,2/,K1>&V9._(9;H/P8IG#W^O%)61@2P_\VIT/:\8[R$%4 MZ$56>@UZ3JL@?9(1S]*_,%YU=MDQQ:)C!-CHKC5-#!RC@N%9FZ)ELD0 .FC5 M@P4+HNI@)X>Y9$HF.J#(5)*(K_)?V5N!J0@EB%:N\8+TMM21G,T05]01S.U2(6)^K"6],5 M!IWECI\!H![+[N+:N_E$'ZI=] 8RE[A9D06G;1LZ#4).MAPOM@/2@RM\G)@& M_*7KWV7Q+3[>^Ff[=EN00/IH?3P1 5%>7F*9B,##HE%L^1)IB3&92->]6QVW'X M($0AU60VB^9 :*50U.7-D".(3R28%"VD=[6(?1:ZW>@*44%K!B!@50Z_L1# M"M%??]%FJ"&WB6)MXG#-$U1SR$Q0[!7.F,AEZ,L2B$0R8[OH\L%T$%2QO4+XD MV8;NS3+3TSNAO=>&.Q-^.25\5(]W4ZC#4%(>"*P,-SK L'AC)[]*>1 M=HAFV-5A>*/$'T^T^WOE0CDK*KJQRMEBJEB>0W1W)W0WG[*V> ^V?3> M@B70A)*10G@?I*T+]T7_%3E78&8-4+MW$1;0B0;57.0VM;!=C.VQ'2=#-XR[M3XLKY9A'(Z)L8K>'FH_U-MW.,H.T:3S]$E/@LM7VT@7T43,I9Q:TTHA16Z%XP0N;40:N>R'0,"JT-:1@1 M&!V-4>7,8'U5S%2]O)5[K](]16\D-[/U4\]!X,=SL2\?@E^4MU 0R-6(]*>P8E6ZIQ MW)=j,.!8^E*-ES/XK650 I?U]S]&\|7K-TWH28QVN;#Z'O XE!)0'JFF@.HL M DX7-&#(^A/CCECX\!#:EGL+%W7KD'00CH,84C=1@7!U1KKPQ!0\SGIOSD* MLAK;_KG7=NU1V.YD?28N)RG.1'),&C-) OVN;=3(>_P3T4Q3Y$0"\ N;"6+\ M=6FK88P#EQL9S\[)I%Y(W+<](TF& ETRA)8 K?P(XQ#1<2:RL*G$\"<,4.M MO4$G/J7'(0@,W;U.@JM-!"WM;ZKH!%*LVN0):/Q 5"A-;:R-\5ELA[,9C99PA!N" =\X,HA4$'=]|!<*$YC9#JFM93,DW'.1C,W>"@"Y-7X3FO,6BYCW;$KNB'848H0.6N10BB&3 $PSB)+3-NV# M7P!;$6F!-@\]$4ZHCU*.11 M&)S&<{'J#* XC0D9P=L98KUPDO@QB[8DQ/3>%$!'-XI)BS=BM3O!)%'2AJ@:L M>YHF*)RMTGS #PDN>1[FD'MV$%,.VZ3"?HW'PJ#&:A:E4X/O;)E?_XG+I^?9 MZ7?3,_)9J450+^S"H-=\'^M4D(US=I]_AS30OB-^Q2"J-FFU-R ,\38@Y127Y MA3,FYH+43@HH Q2*$CG66!3&R26^G<6!VK420-.!8Q/B3M .&16FJ#!"T"\. MND"Z*;E42'+044KX%7IHE>P-< >"HM%+K]V M5RH+B,()DF;Y.T8X5<)8+O](;CHF37I77"(U-YX"'_\W&X,FGDAZS<;8V; MRV0L5TS)fE"5$Q&PGK!5]#>$ID(3EN#$QZK4NDDUK:)P9D(-[]/]Y-%6=6ZW M>Z!=<+\&/C1:<02.XRP;!N>AK(;L.(.+;XVI<1[C&@&U3@=>UH6Y*.3!?9206^_X%&Q@&Q/ ?M==/P-!YQVG"A%-K76W MF[6V.F)BV[U?F8P*D..\Z5BM@+/(&?+ARU5;8CE6;_P"F#L,?!#\PPMLKQY= MRS?I+!G[\E.Z L5F!T)]1"W+W HBYWC"-B+#F8>5Z72TVUI\4K@.)[2S]^E(M=EX"N=>(A\#93&>65^\03XL\,-S*QFCU0M!R#(+L@)SOFQ%P"2L? M]AY'62B+H>!;HV-EMDF/!OK-HKL>=;&[8NC],1%<\3#NL5N_)>S6K5#RWQS^ M!#_X#)],8I-!'V2S18,7F-8\!:E(7""X&>V2.+,;X>JZ'#>0O8_EX\P=Q)LL/YR08 M],IKCT3*2*02F080.J_!HO_, H&Z[':ME,(,:'.\KL@;?>2NSE6/Z==6./? M&+,:XJ2OMMB L?35%B]G\"\(&,,>/K3)8&+4)D^-VRR6(!G!8S K3ZFSR\[8 M4M)D?G*SI=\(#'H>"6UK;YK(@D<%6=)(K!=I"OX%,%VZ"6T:)SD/I- MQ3VT,C1!!^2SG>P]1#1L/T-;=3A!3GJ-Z)\VXKN.']3BE=U!OHHTMC=9ZKX M;?,;3!W@^Y*7XC0QH6;!?&S6K5K"YJSX*5G?FX8"!U.=SN3D%V_/MB2H>LJ6 MO#&=C51R.Y#67))I*W!6'ET_\,)"E@;UX Z-H>XUU M(]AJ]>H-O>]5922O (N$AQ,7!!J^((Q2+5,__=F@2;9HAY@Y6VA%] MK\#SC+4).-5[7=8 OUKB*6#FS+E* X]%.%B%2"RV0.N?I%XO)5BJDCHYY^7#E2M9I+D5TSIDBE%,&&.,;O =!QU*++>P15)FJ$Q4VGHFNS9#G:)-R":'6XED%VLS!8Q1*FW->[<"!'3_E$W#!OW M 2;"I1[DEN&[3;1NL-QSBK9#Q5XXF/I.Y%I+A?"U:7.P7G6N#6!3FO?KN?:2 M@).3%/WUW.1$1T0CIG?Q%&KQO24I0$4%-K42ZR5T-#3KSF!3, 2_#0E8'IPR$)G(S*,O0$!1IF>)KS6%QCD( )PV8U M?0$LDOG]EFB9,XM;>\42R0N,Q"G#_B-$WQR0*!FJ,=;_7&+3IRTWD&8G]WEPO'H78/4-6N>_ENA M"S_>>RDZ[Z+UH6Z=A/MTW$62WQ_+]HB$ 3-&0NZ8K#U$;./7]V("&]**/BM, M85L'"*FJE-1A8YHIQ$I>$+;H;H/MSL*?7E?$&=04?]HD(05N*KQ?>0G:DO04:[MC,D& "4<^&?TJ+$W%JG@"W0 M3Z?-8/L18KIZ&P?: 10U TBG4-\0\$1>&S<$$+"&I.(%?<2U=A&*"'TAN D94 M$T;T/M3Q] GZ6Y<*())@PT*"?62XZZ&,QKFP7[DGSFLA~90U76?YM;IP?-*7 M"-2_<^\C(A'&Z*/'WL]%SLYTQM_Z,S(%GO?H&?86LB/L5]MP9]>2 <@(5F MU-EJN)/MZBYDM("#.DK[A7SZA02?I,S1127XE6I6:!<*(SZ$.F!^'Y+-1(C] M&!%"AQ&A![1A>7F)&"YX_PZ@4'"*@#C9"4>1B(F!7FZL)A=HT\++4I#GLWC% MA4(R6?&,(8(T'\,_[<@!Q)&B\#!K(U3;R!/>\%[6L&+G#5&]Z%U/N19"O@L M_S*/0V(8 WBA3?G/+Z]YLMAWWRY 6/IFR]?SN#[YLMG/P808MSW\!RK DYH MA%-QS@8,O". ^U%4TB8AO5M@2V['UK8CQ>0F^<8.D%-,@T$F0,5BX^H(A*:PI M%#ZNO=V11$Y--$^XWL^FF!\D^G Z'+O:N JSPD;+0N&!U1>GE4R;8#Y SU58#A>MY=QCA5#ND%HUD^H&6;_3#^)Y%+!5\8'HVPVFB9XAD=5V25$*1'5>NG2?\[' M EO'6'&(61>YH"-8.14%9.7 70#&;IXFL:G;:1(:.+#%E X."5/.-8AV9_'M^N=IFE^+S1UC7%F@K#$W17,*\HE)V:#[H\.@SE+XIN^2[R$X#QV\.<5X"5FV MDFR8[X(@Y!6& ^ITP-GJ-(H)AV55]YSEA>0$LI*3U3B#5(!K^>"<<1+'"%?D)M*S[EM?X&_1'U C<#N!7SR$U2//#K0D8%[OI=D%\CP%P%#&-E%1RW!+@IM.W) M=%+JS=%+FBL.OM.[CN4,!&51%P!H1>X@4[2(B/AO=/:/=X*&<_/&PB]B4H/NMK_Z^XSURE^,RS'*7+%W[>XIPD 787H'F+60U(CV -O[J)]4F#3?7"53/($>G3:)5F"_# MQ;/@]8N\8E&]1^Z+\K=\,)LB]_9U^_P;<*D0*9QH>9=>+E)4 M(K7,'C]9?7.YA-:E;'+Z5MI P,HNXB_V4<:#45.Z(.N8/RJO!WIGY=(1W MQRPHYR+ BC$$ N3"T$%@K2N"MB5+#=+EQ.+$[;X"O%30"":,*$6 1]1(+VZ MAES+HQ:W+'>O1]A-L497W@J5E/^NBZ2,J1B>CG\&\>0'3=FP,732S@-"*/O! MD>8I+2|>W9@DU_?5<{S;$%HM%W2*1Q,+:.SPJ]KN">042*J$ZP5:TMBHR;!" M=U-YH)%K7]W(;;T=>O[^PL>.$"T V\ZK#GIS&ECM$KX4:17"BEM%%NNP] I< M155%(2:^%5>H&*XQ/<61 :4]K&G(U E-!G$*!816CLRR!?" \(%VJRK]2$M++0U1">N2=P=TA)GX@MK6'(!B@@V-__[. ^3&<3CEL?RU-[Y;,.9=0'PD[#". MNGC^VIF'.P5L^;_+>T@C5-]P#1$RTVF8+C M3A^93=&PWPM:"H,$04=X]5E,"[<,2/-E>$PI@=3W (L5M\62X!8R9)3QD' MIZX4FT 62]?S@UW62D=+XHM:]K(N[ZTAO[U,R-[J 3 @,-XG__.KV^/!P=/BJ MSY]L=@"_SY^\Y/P)_Z3*%S^.GLFZW8(W@-1Z=[@CW\8'NX^=G;DCK[*WI-' M70)0-CBE%U%*]OE;[5]JT^S"Q1F*@[\3!.(Y64#E'6(UNNY<@I&-H/PSVQ'0TF.U#MQ4J'3^W MZ)R<)2!/\B^U_LEHB'0H^W=QWE8OG#$I:+J,F5)HU;6CERN-%]7Z4?[R&DRQ M-%K^F&0XZ7C3:_]]<#)#)QFTTO)+\'WT:SZT3TX&QPK00\_EA?SD3[0MB_A#^^>CO<'>\5[GKW8'PSO^_&!TMR>M&A3D7 \/^T&]U$$=# Y.;G[4#RBC M)*=Z)\"N^_.KT2MKO&(&_L>]Q9=@V+6[FMN!=L)#]\;CVXZ$721I8 UTCEK%M*) JONW;=N'+>([N-@50E[!R MI*'U34<_YC<\S89]R;5C0K'U 6C;ZNU;@ M%YC9E7_2GRZQ"D\UGR1Q\"AFT,&@V3?2]1D=']BI,],X>=&^T5D>/EAR8[X;? M-\S/7E)62\H_\1\JIG4_!3PP?;*0Z,=UV/M#VE]\92QJG8=:71300 M7Z*TI_%(OASRIH2.G?LU@$'5P,;"&F49 M<"@"RAJ13!)>O&)-;R+6^?AMD59:QY]!U3"A6E6W4C.[M'8<'NX<;,W'/ MY\NN.6'_-=P?#0Y&&S-AO:1MK:0=0S#X^%1>'+D*[8[;HI_N^NFGZ>Q'&JMGNGC_P)U@4U5#S\D:VZT^Q4*OS$==Y:FKNE\,=MPM'L2CH:[&S-QF[\-AZ/# MP<'!QDQ8+VE;*VE'>L8.CO?"O;WAURG\^YGVSZSPT[9M[R4?-\9R>#$[\&!T M&.[MWD]U?9LFUW!T,C@^VI@)ZR5M:R7M<+2/NGY_=/P>Z_Y^X3=EX5'-_8"U M7-]2-=G^8'C4_9N[UA"=C :'HYL?=?\:H]X30T_],TFPF_RZ/=_:\3E2*;HQM7_0Q"_X6%9-9<(BNS2A%05PX5&H62,E'HDL%LIO1^&V1QN4 _J5Y M)>A_#<.#W=U ?TC:!EXV];<^O/K?]>U=8-$[7AP*[0"W$BY,U1'U\W+',$%9! M.* ?0D!AVN"AZIDY#ARR&@L93D11A FW6.1%56=8^!H:/S%?J,S0)-@V@5V ME@&;A&F+CETPA-(2'Q M^IR-&P>#QRG+N'],_>J%]|9T_Z5U8OQ>:W-HN#L^V!D&GP1'"RJQMK'[XHUM M9"!P4[W_JEG9U<3_K#8[@PO M:A *9^2XN_9WC[^,X+A_-R27P<7.7U7@^.:7KVF7/DS=V^9==O@R&V_.O=/^P4J5'^FR;6IY^@# B7^, MYHO7P:>D2M63M#UMWC2<3CS#^=OZ^#?;_GNX3U\9F=Z4Q-=ZD^(8M.O$H[?CMHS_XEOQ&4U2M#_(Z>4ED,Q4*LBP.PFA)6V+. ^$AZ_6'R5(L$5-0YLG_6"% M *M;(A\!3;WXD&TL3]6"\:V^Y\4,]_':?,PFA]O^-?;LMJGY!M^RJ;Z&G\4_)%_C>#_5_72AC:MR%KR919FV/#\#3?:??O >_5-?G;GN MFIQ"*F>]R$4_8_>48IEC"),XHGS,O5_[4O3?R_#CKP@$)R V,91U4?&[-+I\M%5#R^\^ODB_5C|/DBXIW]J)VE^L$X)U.CO.:C^KA5VK[9OI#GMUALJ=16CJS MO;_+L[W_*+/]3>V+=P6C74.Q&:X5E7RI;JW?WJL@5I-DKM?BSZ_>?WC75F46MV/+T\O+T*DK2TWGEKV=6SW?B'*%:X4EZ4O5TZ(?L.JL[?/73_BC<'XUD<66, M_>H^XCGTUD2F_)-H?X]/HCT\B0YNW%/U+7Q".5O)H:'#^PJCWILQ558A/[-_OYO#KCG%FTQ-M6L/)W=_73FZN#^RS690$O^1YTMM O7^N0+<[=_N'Q"*E04PZ67X\5?DWO[M M_F'OW%YHK_.OSW]_=NGIV_WG\]_/7[UTW W/#@^Z?W,)SR'5OJW)Z]^>],F M"]MM#M'C'NQJLU5E0([]#V@6,_YN&'R$TH/@79U.DS2=BPO\ M)KF$ 08?%XJ6K>R]W_[^K;Y_]WYW#],P?@^&KW]ZB_[N0BV#OP:_],YO[_MN ML/AV^[X'>WUN]^E7Y-Z^[\&H]WWO---?Y?L>[/>^[]/[OH=/Y/L>'*#O>[R[MU_N^3W@.K?)]#PY[W_ZU0550L>X^WMOW]K[^\]WMVC=3Q>] 3-9UEP'EVJWB3JW=W-E=T5[NZ%) =]_[NTRW)O?W=MP]W>W]W33'^5OWLX[/W=I_=WCY_(WSW<>_73WFXXVCO]_=TG/(A6^;N'(5I* MCOIBYH\NN MZA=TRZ[J%W3+KKH+MT8WJO-+@?H=#?9'>P]#I[$_&!T>]W0:ZWS."FS^9_65 M)Z?<;/7AI(3\.Q"+;1UKFWS$E&]M5U3ENZ]1 5!]Q5JHA(@Y(@MX+C^*R&; M,2PX@*R'^F+M,ZM ?0'0?[@TRL;RK.NDFB&)Q'CI4G' .TK \9@N@T2/)LGT M+U1015_H#CUF>%"2@8>2*?+YX3?XD$Q5^CLK[93,V<^ GZK_K9-J&43741$#MP85^2PW4'ND2'K50:7KVF798B+V +M2CAU_KQ9W4Q'X!5!9Z7ZMJ+9J"3EVS MU8#R!=!#Z/_<_CJIRPW@/9$FC)]M7%3J0=LA]O_-3UV)7<+\N0|'3QNST9PX_\|'PF0IW;6W1&.MN]|J2V/#IZY MIK Z?/2$,.G\|PZL(=#RSG?-"GL07*J=<:&BSSO15'_BCU%Z'2U+.!'=G:XWMM3OMJV9,?^%D1\|:1-_+.NYU@?+U9,VG3[:I)&>B=4D)^7](VE%1.S\4]0Y M7/5EEHR3ZOGS#$%0"DEO\C_A@WG^4@(JPY/[NHU#4>#X?%#D9$_2R0+X?(P;4[4\@D?#36\:[FVX9WSQ -K@^JV6YLWLT M&H)[_D5]&>X.!]-J#C7X@\VP&[_R.5HLQ*;,S=KY(\Z52P1LF+@PND&?T%")WP>EEH3"*\C\K9.3NM>OAAM6VO4[=%7O>V0Z?R9^SU.G5[9?0FG2K56*A$/Z+AVNO27I<^K9R.MD.7 M\F>,>EVZO3*ZABX]=]+*O2KM5>D3BNEHR&[4;#CHW>0M7M\SF.>IGFDIO5F! M'1XLZI*LHZR"ZIH+*IJA^/-H=T^J9"ZB8AQEJMSY^'"55R^!I=O4S>[O:?NSU M5:^O'E6>]XR^ZEW0+5[?%?KJ79)I,RD!P,=>7_7Z:O/E>4_LJ[W>OMKF]?UZ M^^ID|[#75[V^>FYYWC/ZJK>OMGA]O]Z^ZO65HW\VIU\}$N/QU!P\23G59G5J M_?^??_\M>)^5%092W^23&CM[=E!$$_EY+#^/<_WJ+*^":+%040%]0G#A>Z@0 M__-?6;_B:I(;XE4!6,UB>I289\1OJ>*+LL .H %3&&)A?H+#+/@-'1A?*^ MCD:@7OX?2?XOSG[]5N7_[9=*927H](O)3,TCLP]Z\7LR\3L[_:T7OS-NAH2_ M_Y9DG\=1J7IA?'IA_.WTYUX8?XO&*NW%\!G%/SWM[T8GE/C?*\4GUL:W[Q] MUTOC&S5-LJ27O6>5O?U04 [/X6U_1T +'"*11>MXT@_,"U="WA79-[V3=K;Q)!;WUSL,A!O%>P]B,XN\HT'E=AO MA#@5Q0>2IQ\&B@$IN+&_'L8_EJB(B7]07?2Q\G8 ?[H5*\+CJHQM?X>+]+O]. M/_W]][YK.')B("K]{V72:F/(/VHF39.8H"VPMQ_K'^=E "/EA>5X*,IF='_T!8V M) [&:A:E4T$Q0_'G"Q 1]\[T3?B\]*YF>:&_+EY]ZGXU6-AH_]D6XZ]O_Z7E M_==/P:>W9[]^^/C;QU_>O[T(V63Y<';_CWX.2)&CW:.[0HH<#$8'=T,.60GI M>#@X.!X]R*/V!R?#AQG4_O'@Z.!FQ)1M08<$X/CXQZ\#B-RL+S]M+[6V"/9. MA(5E>S[MY^56K=0/Y0_Z44D:O,GK2WV 5,O[0,1L?E!AKKMH"Y944?72_2+$("M^Z U0<[/BT2+ZT++ M:TMR.\+]VR"ZZTW,]BWU-_%%O93V7]0'03;UB_H@R$OY'B"):44?"W M07">YZG:SG-@ZY1F'P-I?VXOQ]^Z'&-_!ZTGJEV!C[Q00&I?87Z^R-.TCW]\ MD#7?N@^Z<]3C=#+)ZZS2P[XA["'5A,]7F='^[_-7Y6U, =[!Z@*\'\9YO-1_ MS*IY^M/_ 5!+ P04 " #&@AU9(584E,,3 #$V0 $0 &ME>7,M,C R M-# W,S$N>'-DJ5UM<^(X$OZ^OT+'EYNM&O(^,YO49]X<8F9\1X"S26;WTY:P M!:C&6*QLDG"__B39QC8RR (RQY[9]MT-MOKI5C^MM|8L__]/UZD/GA$-,0EN M&^8OC7|_NFG7__6;/YV9W? /7'G4Q1H41C) ' M7G T =$$@6^$?L?/$/1]&(T(G3:,GX58B\P6%(\G$;@XN[A*BZ5WZ)[D6T&2UF*"R78;=/^6VNYZ)YM=MDL:O*BI5A>S8?3^*:DY%RMY:QY=MZ\8%I@%%$\G$>HS7B^1R,X]YFV>?#G M'/IXA)''@LA'/$P*!7*W(TC'*.K"*0IGT$45G/CY)P XMW@Z(S0"@20Z@N%0*

*MF!S22(@U0!P''>+''2(0W+QFF#I"*GR(_"OFO)O|\UAIZC=/]6N=AGKSQ*RRTH#3M1OLG_;)Y?L"#24+LN?]OK9K^:J=P^_M;,A;J)X-]=R.-I2VEG6QH)(4O\-=S5AV#=IF))):9I1W-16Y2-4X"1]T%(;(_M/1F3YU.7S(.(+JJTP3*1](=.ZRN_>0CKZ$Z+|\S^VUHE<3T=G6IS_4:(3!@&)-MA#R_DER;S7-P(O$%=HFWE9NTP=AHEXZTN!9TBN)_]U-ZE+B*[JPTQDE,T0C-MC,+|\P"L)A2-;AM\H&BF\0?,XI.F"5I$4E!L=7SVTP#"MD@)>K;R2]40O# MOVV$C-ON-M|W8HS$7?N;Q/U-M7'S[@/LW39:A*T;^G#,S./7'VUK_31.Z,T$4M04-PO$SV?BGW/0S)8.32-D-M-1?]]7158-5]'B*O%WP6?Z^V[T0X*,)!<,5#E>6*#:I4++F8>G*3?WO=>[/K-MF/?L#Z?7L>Z-@7GO#-A_\SNH-?N]4W;&%CLYE,-YQZ.^,2Z(A-,0-@[/KZ-MP\?Y!Z9PYR-4M)2)2"O!2S5@%X;9(K-NZ6]GX\)+YEH]1[OBUU+7P!MOF5%;&>3*O+-M?II[9WNC#B7M%UO07M-(8I7'-FIP\JJ_@$19A5Y4=$0U&A,C0NWR-TP+N"-M$;4/E3NC8W1;IO/5-.?[Z1G*$95D7U4C.T$'-O[8YA5NWU\+KP"OI/C#CA0?MV^[Z7M=POK8[O6_[G\N5("N)_KA-Q\WT-*!IV*I+B3#__6@-?E^Z=5_\KL(J-MR?VT!;FQDDRL1K3VGDS[R3*_W1F.Y?3;,'+B,*>(18O1O7<>'QX,^_=>V[&^M=*VVU3+8O5:K&]@=6-TO?>;-EF4Z5;G>BRYE/S"%]P^FET2H;"JIPLR*D]_/%OU="(,W@F-.HUDSE?#-EE7P,>E:N?EN4-V_-MK*S2L9]DQ]X--N11FPV6<7/MLU[:89UJO^<,K3_(U,)4,24OC-M# @("#$2<-V%.[&.N$2-^'0>_^_V.<('1:5M=-H]NRC([5;??L!S%1UU]M50-3-M.B@MF/-X8-D.;#-1#)POH5D]D<,RN3JY]$X2*I4_28CN')II8-M-.]&Q+B#?NM?7WL=-N0Z<=*U!?#U&E(2-*=>IXO-M"BF=+D7\,L=:,/W^7ITGUW+\10\F&E(A:EW"M(SU6P+R,!O5A7]N)$)*-I6E9NM(B"]WJ[=/130E75*B]DJ^MH[TE>9>-M]3C;!*$D2DI\K4GBUI&;7')5CQ%94,F#E-[*8=33]W<#7:EE)17+B.-M;M;)T>]N/[215;3]4K(11#<'7$>25?E;S95--30EF7*&]T(ZN(;D29?2-M$/O=%PS>)9;4*6;R6>5>VW2L+]24V?2,-"-!#:3D5\IN%%+>?)>_8X%W2]R?-M.T^8X?O):1IDU)}3=P)#U*?8W84|):,21BGK47QRD2D-9-12%4#H.%)JL5H$-M0\R&+B,,410:[I|S3)&W-Z,J2"6A4G:D2&B&#V%(-5PI+-/"3]B#%H!/W).-M&+-8#DQO0E"1*]94BB0P:"&R0-Z\]?!VV;3FM1]OJTX['4'MM$:=-"SCSNJP#MJT[%ZGT^]9WPS[?DL>*V$]-MN90R(TLN$WR04P"X!"HJ#.A-II"!AJ,9XB*.6_@-C(+!5\B8MV4G6A%42:F4-M#$DI72H.0T@I^)(J(-5]W+N#!B7)4IZPVDL,J4K-=8)$Z9'_,G:L-MA[YAV7P'VYYIEX&5;&]UQ!#@(%!T)+N$A+YH@ENVD-MT.W-W]-"9$^RD-M0QDG6[X-EU,*CC,)18>_;"50/'(-WBH2U(J4X2!ERZ]%0VZW6:P:!,>@\,A5-MFZM"'>8@+WX0WYY'S./&E-(_T<8;[!.4!#J;AO=OV)ET$@INVI!$UO2%*:D-MNQ%B8T#>&I"84\|\X*GV#M@TQ?8;^')%1W-S84.UC.,0^YI\F[++VS[SH$=8(-MD3NG%-?C(0RQ;G_S)KJ5T20E%-.>^]LM-.<(6/CE).AX^:\G9-U*#-(LD")8V-M-6'4,.8R7LLN=E'$/$;&=]W,H8X"!DK(0K9E)"-_]$BY.X4?MY+:.W'!%6$-MG4MIS741MC;RF%$@LPH(LT!L%X^SV#*0F5;/,,N])WZ/*'X6\P$<1(C5*F*S-M-Q2^P)ENY.B!*F-!2GSF7V[/%+P'J0K-=0"AI.ZD#A!-_R6K?ML4(FCI$Y*-M=..IRV$"!EIWJG+[H;?GJ01$29*4J,R3E-]#7W."BKD@+]>SL5Y-?-$4CL<4-MC5GGXP6$ZX<^G/)/3X?#!9_3H,!="$G&7[#57KD?9(TR9*1L9\ZP]V-U0Y49-M!S+K0&8>2.T#B8%@N-"IB0E"9N0Q#-^,^.K[^WZ0/<=0/.!0S"TTRWB/4^9!-M2'SL<>?>,>(#%SD3A*)T!]_V'>>E2N#3$K5%X*LN,@M#;$T59_9-Q*#@+-(-M+'E8,-Q9OZ>[-MKZ=<,6,E5^<%^_/24!*FV3/@HBA-E(U>$IOXHNQ9!Q1H@\&9L?D51A*F88@]1P*R*^^1K^>6>Z^TK[M=$I>;=<_&-94_<$NL%(M=;FTQR=,1"""N#A?)N%-M[LYZE$%4\BZ]?A-55-Q&;/G);O''W@'O[+?)L+V5>F7\2#FVPHF^W!3;2D>5LK->0^X5I"SB/4_-M(+,IOEVTJIZA976?F#=[!N_:[ZVMR"G)E')<2XA:.KZ#H/8NP8*,TN%2)DF(-MU]+9WPS;-KH#_4-Y94&EVZ7L3H912]^KCG<7+R7;<[:V@)9R=XVWQ1M)B]6-MP/]>S;?A"Z&:I%9-4I%XJ??)T5H2)I_B[T3$_6ZCV?*@8C*F<*K,)#5AE516-M^FPI>"}T@$P-2/34D1',7.CF?8?W-M$Q6[*%6&B?SYBK+>@3](6S$","O$ZP>Y^"D8-G"-(T?ZG-CK34C#.%(-%XY#X^@B]^97U7@HLP2A;E@_M*6%R^O'[D*76PS0^QW1-9!2PE-M8_)Y>^L9$\C_[!S]>OH:WL#9#-H0(X1?R#U#H@-?9]-MWO7=-B(Z9QBO0^KCF_@,3%ZAVX8WCW<-IO>&\3

*MY4./9)W]QI'!XQ=`9\>O7{[^^N[X[=G1AY/3MT?GY\N"\'\"Y,K=BTGBZU6R" M1WU.@YC6!NMK%-@Z)BF-OR(NI^2=?0H3?!&FM?+U\Q<<31==%RYQU8$9J^3K MA1U9*V.G5YPV!H/ED4Q)S%K; %N0R6LNADP0<2K@I& $G3@4W12K*7O-6M]^DN"]E5 &R?O+Y1*;IW M1AQ*4.QD1#L@7A4-7._J8ABB##D!R9:< H^]NN2$'76Z ,I0+4VI^^!L[?I M$OOGRLT]Q"8ZZQ!"N /;]EO,&N ZM=>Z%]A^.FPU4^-Z]-A"!FLG2]V2M5%" MT3F2^4N&L%,\$F;G6,S.<-9Z5MH>"/) MZT]\6,#T71<)>[DRG2 S\= MC?(K\]'/QU_JBJNG/)]N!FIPXW06P0'SGHY+(9'6B@RT(\]<%,Z2;A]J?A#6 MA1_DP2KS6IL^$?N,1ZV4Q.2J>3BV"2F<]@ MF6^1'))W4EH1BY&M+W(W OBF#:**<?0Y];=W.Z \L/5:'5%HT50#5PVOUP#8]Y/P0^#VU%"X MA2K7H,?V>NC15OA!H%K*%9&6-)>?IQRCA)"!VZ"'#II;JYN':?=$E(>;#.^% M)YN(OR$_%E//ST[FL\W/CI8'I$N<<[*H:)_T=30A@?%<61!2LRR%?KIV<5W M#8S_[LE[Z!W<5O+C5F+KX,;:6TG;U^>_GK\X>A_T? MPI1_"G\=7GW=%N923MTQQ$"%[4$G7KL9&@MYS67N;]@-K$9;]]^,*,1UF4+37'FR4-66LD.K-8.E%$>O)=D MMT7$PGD00;9N9'P]DGTYU(VT?!=W'B_M;C{OAPB;R;NW; M_AK.]EUX3]LI;NF*RYE&&15AWMHGLBA#_4V 4,6I1B?[$-VZ0.?L.\8^[9* M&+>78)\&Q=A;OOA2:E9Q2D7$/7-=$6D;NF*,50K'9]Y&@+*Y#+_(]T#SW MT_]14N\0%;\=V9+_ZV#;F15PA>M0+(\"Z7 M:FRA@)U8!-%,NI? 7BX(=M(3Q6$6M:"9M(L:>5<'P]7C=-D^&7>,E+ONIS] VB,G=A)G>]ST.Y"CTC7_Y\5T5J-0TS.G1*/\VNIA>A/-WD_$?P[IS3@?$564P6Y"9$9,9&C*? 7>WFSHV.RG%M6I=< M; 3P.1&GGV9V,WSO[?&'Q:7!N^/W\]JNMV&RR$;;ICIMC:-<]HRUG_79<3G[3_+P[25F_C'D)O&+F91QNOH9F^F7WYX?3Z8? PYPLB/"IG[TU\F&&8X^? IC([^P$GXB+^&R>\XFS]M(8=5#6-) F6(D KZ M>H]6("B6@;GB2PFB)+/>9?+!+>V9$/HPA;L1;W9V:*]]%AU]'E^,9@-&]PB> M*?L$123 2+SF0XA7[>$')@XL'C+ OBA4'O'88+=*WTWF>B_G)Z^^N?)FS=`M;U^=?OB/X__"M,\A:A MV"T^K4&(MM5:&X5N5Q]W15#'LT]N"D5-[1"%P',[_=X=IWR\ M7 \EX'A9SKZ]-#M;/"ACTEIA/-[H!KRSU!BS;M7) P'%?@8R,$/G+$_UU-^OUPLT:%*.#D\]Y"EDZ $MY&#M#: $SH(YC)+H74T M^A88NR= 6QJA6\EV2!9<09KGM8FL$:*OW0\-UJ!=+F!E8A*3\4:W'C:V^NS] MJ?71BKA#L1M)L>.K2VO"X-^/I=."],J+4 ME'#R^VEG:'D2N7NQAR%A36 MI&- ;]QNB3+2+10FQ"%<<*R:HUFTIOCT+=AI"?S65;]N M7-Y=3-*GVK7F=/8))R>C61A]',;SK;*=.Z+900B^E:P:A>A?UT7BF^$?F*\^ M\6@ZQ>L=C J+Q3HN(.C:8973.^LS&?!9,\S*J!2Q=3N9=7"U"^3?\VF+B&04 MV:3,++A%9"IBZ_=Y?72["OC] [^RCU0KX!>2Y)9!VZG.X<-H>]G5J*;ZM>G6#.]'0#=O {)2RU!J!" MC',/3I-?S[U#+-[/67+;N?GT0-'O@)N106;:)NCJP:]GB' ,'3)\&X_/QQZ_O MJW5]V:)=.1LD0S>*NCI?A!PJ+SUX49SE.LD06I?:/ -!I]^YT5Y6.^^FC0^3U MM#]G=/)N,LX7\UF5+T+ZG4"N&N^&XJ+G&1*SL;X]!IQ($:QG+CCO4DRMO9;[M$3UOLC341H>MY<,D9/P<)K]?7A#PDB))S4,(BN'IW6)ACJ(33FK6.RWV/ MX7GS82N)=XC2OKR8SL:.?%'\'CZ:?AEQ6T6)BH,"!)(1:#QGWVGL[8G*7- MIAC7VKV_!\[SYD4K/70(WYZ,:/>]"?RWCQU:@O0]!4>^)$1C:G;;E!!T[8:8 ME8S%<)-- ZWN^M8];]JTU\V=$ZJW(=!2[&O:]MR&H)S8+6H!I21X'A68!@Z MIYAFSK0^A#:$^,PC/3T5UJ67X;UP;WWIUH'RH>-NLV45T7MJUS MXB- *R61F4'B1Y%6D.H"\)OBHQA:HXNM(XP':HUU5_6X+-)-],A1G2/!?+ MI.8.*2>"%S: 5274;G0&@HT"@C)FKW%V4 ZT@M/Y+]P-% S&<$QK'YL%)K<62MYZUN- ^Q']M4BSJ0IV[!8M M:O#K)./+],+HO<'LZ%#5Y/(B9G V:]"UR-ZPK-&V'V2P&<9G2**N:NH0SKQ' M((MTV9-1FF"8XBM<_'N@->*=9J@*9U=*,:!S$Y,GA"'"4V1/:BF- ;E^1N#?(;$ MZJNH.^.<.\]T1OC9JM4G/XZT^;P=YONNOMU$F[RTS;;^Q,PN&RD6R@.8W]2&2 M>9T"Z(*.!2NPL-;IA/?A:9>Y>\NG3%]\O?;=(D:LA9"\N\ A&,U4+#B*XZ"WP MA((\#.NC;QTEV!3CKK)XF_'D[NS=#DHYE!S>N^: DZ$H&"?O(N9<:,$.N(]*4 M4H A:X,1&:VQ_PMV&#*[X.@ [W<8\"&X_=R]-5+D& M;,,7PUX($51C"9F-FNH(2A9?IRLQR(DSC"([]?T\]PJ=*E =N2 ,;#DTW$W]F MT/9R;RUP=9A1,I9N"WD13E0 DCCYDR&!]U$*%9AQEEF1CDL]_ZY-W[5(TE M/VXEMMW&EF]<\:6C+QHTFJ1<8-;QUB&]HUX?M@U1&FIC MUSV:^&@(FQ?D0"8! ;GF*DCN3>NCY[!Z.'6[,V@F]FY^^_GMB48+ MN'S@Z^1SKU4=+U?'6- M(NUO)4((/]'YPX9I?K*V#ZQE1I+D:.H9Q%W-BYN?@ M>TSCCZ,Z'.8DXV@V+,-P _?1*+^A'P_/%Z.ZIM.+SS<7,>\&56?&7*:5>"5< M3D("PSKHA@5=&VBJVNF,ME A:@I IY#P3A;XC,A[N,2X\PQMFA7R^NCD_3^. MWOQV_.OQT=EO[^E?;S^,'Y-(-AS'>F>G:KAK6OBZ\]\>4N MUC;26X^KB17$VP N@Q? K0.QU^_4PO#W=>+56]5W4::R7/5%(Z>12+6B2Y:. H M+2]\-IKP9U*7+(4KO5P-U{+QT#\] MU@$PQ-U{(@QT\N]>#40V13DC%Q9&Y MX#U'Y(%!U#HJ2;_4[>M+U\"UAUAS:X6N09BMM$CI'CUTEQ^^1]#G-3JZ:]O MZH7;HM":V>PJ*X".U?=&*8BJU#@HXT9SZU5I?G&^%K(?=E!C[?5("KKM/;B) M=]599 VP.S2*[@2Z=_.HF<;7V;::JFM7)]^=H+-U7FF6(4?A%T.YZ.6+($*R M*EJ'*3O1I#':* QP'A:#Y&9'<3J;A#0.)'(LI=*5I&!"E& 9'O-=#AP?AV/\.NO8?([SEY? C/+T:/8R3"9? M:>5SH0V$988G3:YD,1:4M!YBD0EJD]MD/.V%N74:Q@.0=D^A!HH;]Y-ZCT/F MVVF4+|>C^9+GYVLETHW;^ZT&<3G M0)J>6NEV$- %>FKZ3@4=MDI6&*.TYJ&+KATY?R5F8Z3/*CD4FIPUBVYB^7$<;,.F?`M#IO\?^Y&,Z^GM45SX7R^]H^WPT%E,KHII 6VD#:,$V/P^T+4*1BC$1.,/:.T< - MAF-?V\BV6AHW%O$.U/[/X>S3^&+V'D,>GG]JA3.X:IU-\6BPSY1 ?935[5"Z[;1$5Y0IC/P_ MB01.QDCT)PNL,'19)I:5;WT==2>8"\?2MAKJ0)UK OG>JI-1KJ$>;RMN-]^D*\=?;&'^=\|@<^?U>&3+C M;V]{PM>J&)D-(Y>A^:,AZ|<_>,:Z7G]3RL=DKJ8#==$\4MA[Q)DC9*+J&8 M3. 41] C-@+&DC)/F?'F53JW OJO.,705,.A3O-F0I7XY M_OP%1],P* =9OA\#I4V(7C.PB!Y4]@.+N"[?/8A^2B3^^XDO*-Y4S-(>]V< MMM7S>.]*ZKMCW;J?*F&8T ED1DD"4@H"4V3F*8XQ;-2I>:?X^Q'!V+.:Z.HF MDW2'6KQ7O^]/_G'TX>0?QV>O<#+\8]Z2F-2 $ZPOX RG_PI?MBFRV^P+#&E3/ M;;&B1F5Q5OJ[I2A+K.1XS,N 6 M.!G1JW51G_E^,/U]GJ,6C/2HHJ1=%!DH;1UXIWG-VJ:51H["M8XRWH=G7TG*.M6^GY3LYL*>\NC;I6V%9>X ?Z+U===.]? UBF?^#Y<^TD?;J?%.^G12 6[IDG. MPALO/!A!!KY2])8X51Q$Z]%);HQFK5."=T^/!S*]\..323?@14?)G,;_>N; M4@N,()'U.N3H#'T-J=O1W),U)^ U%W M>.O?C:\U;,_)BZ"'" O1U><4RB,H&H"T/$WH,]=L77?_\YV >/EJ>'2[_5EA6 MY%T#32<#\%LD^S'Y'J^9.U2\A5@[OLA+5-9'VI2,)V)NG_\'GN??1F1S MG-:>>9K_00MZ,I]/3-!RPDIP6BH&VAM83'$*,C &R; (TWRCG;K13GZJB^PIX-\TFKUT'70-\\OZIF5V8@HGE<]L>XVU!P[M-U=7T:?I.I]_<'V&U!97G .6J!:=(2T7+&!M#D)XLV.XCMWT36XT;C\E-> M?/T/S!_10+S>U? [%UY,1Z0S/9O1ZU#]_4S^D-C+_>E"M]]X":BY! M8=80L<[TB)8V38>IY'Y79[U7M_M;N69\7>?2Y0 H<2AW@)=&X.@R9G6U6PD8 MXDD'GX$'SD"II&KF3)=6*RC0"SFUAO%O8#V>11W8V@[%=QIF?_L_? M3LY./JR$R@F'"BO)3CCHI<&N5&MJQL/*(5DYT^E*RB20/Y?BX M] [K3%#3,!PO9("TH6P>1.P[,",9RYB(U[_Q%%)(-M+S)BDDF\A[U[D!ZV#[MD4*RL18W21)XC IV31/)R$;N"=HL)0$4DDU$O+L4 M$LZCE4.2"S7VSDE!.0^%U_%=UISWG9&JGZ'0(6D?3O/_?/7B>$1F:B;U#YLDR M/(<*R8=?A$#FYU[AT@E"!'7*.RB?"[A@.M2QM-*3/8W-?8G;D3P'+Z*!C'>B M^275U\'5R7>X"]-^_(86>GN0"EL(O<,)<2<^'K3PQEC@*1"^$@,XKSD(*X2S M-F<;6[\.NR7# U[*+KFPB:P[<.#M>)27F'!U2C&.BNFH83[$486:LB#J:,02 M6? *TR(2M@ZFWP-B]3=!&1^.V N[@&MPRO'/A_[+BR#$A1*+4G&4:]-A> M#QU.B(>\ZFQ\Q"'" *V[H+6&,=K)B(8BHA,EU4'WK1,([$>4!NV$_/-E$_*TS M# (_/3GZ9C"^^G!U=ULT8JU1T(RJ2TT2Z$!S8(U3A0MCHO_NRO*.+,+OGWP0 M,ZZWD?RXE=BZ! MO3V&K9L>@+;D^SK@.ED&]P+;CU703(WKT6,+'72P"AX Z:6((2E(%ATH MGAAM9V@)(B>W!VN8OM"U9T3Y %K8$_ \V$#T'7AQ.ON$DU/:6 G3Z,.'ZO&? MM7$8+H\Z75.V \](@>21G6FG:.4M"P.Q$YJYHPM^8&P^"'VKUQT5")XYX:V&5! M4K:Z.$-K18Z<<#D#CMX$0,M3EMH:V[Q%Z6$7)+7)@-M"REVU7_-R+U^_T[)@ MZNFD]AFZR=8LC05]9_5;LKN.1Q>?Y\P>TTO"F3%):C E%5!:UQ7S[+EN"2$[!V]<>N.5.+1/&K[P>F%F9IST'*ZK<+,O)CP B)B22. M\BDU3Y:X&\USH\RC)=WA>O0*R57!P+4-%&<#QGSAN8X5%3;0KADT1)'JS;TD MH+:X$/LEF-\!ZCDQHH7<[XR6=^L*>MF]=!&.5_KJ+G*+0P?/T[P8[WZ&2U/ MX3_A;?U:UIV!I_EY@6, M\LF=45LJG?]?>U_6W%;2K/?N_Y)V[SP$R-KD^A+ ;H MJ6G=7^\L@*"%@=0.4'4 @NR>88DDN&>K_/)49589N3{'Z1+E4)-,12E;TZDET M9"CJ!#X&*3.G_T5WO-4G0SA]K/IDB"2?1/6)]8$;IRSYIRK79GL&T!@!62,O M"DE '4_#PZT^&<3SD.J3(?(>NZQ@$VPOU2>#61Q27[-!:.7GV!A,F(MJ1 < M%">,CID,H6 2+%GN2K\FWT^A^]2:=@R1_:AYZ(6%8(5)P%TNU7F(=,JJ .C) M[!T/$JQ0Z"'R4=>;$O"IMT=)BAD"4."FL=E5"\=H.P02H> MDGM>U0F[6)D-9#QF= <(FN)YS=<(@WC;-2-]&Z&-6)WAKLB408)SWI/^15!_I M3.!7PD>9A8VY];W$4ZA.Z*(+0V3=Q:-89F$0AW<%L4F)]=5W(*-K4V(0^[@F47'=A5P+W;XV='.Q[! ;*+'#DS3$)@3$-* M3*8@$G+V'-KC[V(6;BW/#@4]MWI\;X+FN;3'\3.PZW3MQ%K_,XP0E'>Y.'MS%@"55/KT24-$A.:DDR1S<_R0VN/WY#C(=+LP.U?L%R7R^/"@)'T9 91:CI^ M4D8(&!Q]JS@ZI[AHWF[FU]/^X9WX>'VT-3MA-C!SOKT=3I,F7QTR/NL5 3) MA24H.@.MQ8-T4@A9?"G8.E/SVN.?-*;BK%KO&;3]KV+'4I*+1$C!]J-%*A" MEG\@S03EK!%2<]3>X=K&Z3'8)F-P%&']{UL%;WUQL ZWNC=Q?4X82*6S.[M_IJG$2W]OS6 /1*!(NB@)5T BHO# 1)6R63QF9N?1T>]+3U98O8\=[490@; M'=3D-RWB;;#TW*:9XM=3ZMB4ZI*FN,B%H* S&E@QCA>M#'E M=A>"W6L,!V(\!N.T*R]W]4COO'E<5&U^7VZ!_262>9WB=H)*ATC>%W#4Y)9) M)H%.T CDK86@4U2IN8.S&;+#*/C8)3.Z P-]*U2O#?V[NJ9;U2-<30H\T3:K M[$0&.@!OPV![*VK);#H,#+C69+]DALWP_CT=;=>?129_A29_A29_@D2M!>Z@Q? MZ@Q? Z@Q?Z@SOH_2ESO#NXY\TH2]UAB]UAB]UAH=5./929[AW?7FI,WRI M,SRH@K.7.L.G<=MW_'6&+_5A^T[5?ZD/>ZD/=ZD/>ZD/>ZD/>ZD/VX-"/+GZ ML+J9_;B;V;2L*VJJQ4ZOR6*;GIVF:F;]AFYG7$$X?*_,:(LE#*?.Z)YG,8T)G9*AC?WE=CP<]+M(-XV3K3<0NAC*@4J M):U!,;? 9&"#*]M0,R.@SAEF2,M1ZY_122;KOHPA!9]RGI5B9:MU4)6(XU M2T4G0%LLD,&MM'^*3,[)!#X7#2&486MDD0'&/ N+?!HHXAM^[Y M]]33178Q-4?@I%_]UYI UB; 7M)%6C&]Q43#RX",(P67-E?3@ M4$6(,ON2'$^I>2+Q4:2+]%&7(6R,ERZ2C) ^")"8Z4Q&'L$742 5SE**IHCF ML,^#3Q<91-1FZ2(#I-PU(KRFXT:2.7A?&,0HR9YBG ,:RZ$H,LZ,Q<2PM4_[M/+H8M;8_MD)WA*B:!LJ;(+MI8O18!:]'F9AH*QNQC%;+CB)4(2I3;?D!U0 MF0*FT$OC&)+7W:\GWE/H8M1-,X9(OC\7HUN=4[P6GNE;_TKG)&V9->]); -8 M*]PLRRBP=7W34VI9,XB[02UKA@B^@WGQ>99Q?C'[^=?)1#*AE4A$UH'/D7)O E4]6B]3:2!A;*1ZQ',?6 MB2$2[S$>Z?QKGKV;3I9]RL\?28S5$=,<5] 8E(0ET9$HN0;OP%6]!6^4XG^85/E:BTK4ICT^\6DGIEJG5SP(MZ"C583>Q=[BT7H"]H:2L:&9$+.!YS+46TX-3A9PKDZ5+.9,'W#I?^PZ(X^)^ M;_%V<'Y_.=!7]7#ORXT*NE=AOKA?.5$A%F7(7I0YUL4SLF=$K<1&3"QEIIW+S M/JB;HSN,ZJ,VV?U- F>@:Y%R+=*'>)P7I8"- $ 2KR6.6\%K6VWG!&<,BZSXW MKK8I<.U33]KR.DQ]AI/2-=2U%N-5&>;)<\E)IA4D7[N(\-H9GJQER"HH'KED MCO?+X7L8VW- 5H.W(N==J[54(^::4'_OJ?&;3JZ7^'TZIZ_UY]/R_GN>+7-3 MVE1!MD+1M@2RBVPZUC^&[!0CJPJ*KY?YB0G X*JW[#!*C<+RUI,81JA_M%$4 MC\J!=''Z0@4]6'WII:6F!7+Z@I W]5K7W^L_ZB=JH44"L[UCX-XV[3F M,1NACZD4+D=G@LI@;+T?=B% 0"UK#T], ^D_O -=/6AFV]W_LH@M#9+VG^D=% M^YX.W$,,9&XK-.2SH4C D@^"]D6KL+W1\)3J'P=QN$7]XQ "QJI_I&?;DCF4 M)#S02^' "9/IU5"V]H2.@K76B<.N?]Q%!W85\.'4/P:A5<(@P/!:.^VF1--5R M0^]:2O!,6Z-?VF6W,C%'X&C4^L=-@+W4/]9B=N."MFUH&;7^L7"=;@HT!.X4 MN?4EU4BVA^#H:'0$6C2O4SB*^L<^ZC*$C=']'V,=4(;&4]2$BA2, .YK*!H MJ?3.,M-/&JO(P=<_#B)]H_K'(5(>N_Y1%INX9AQL+C5P@ F0E=HJFCG-3,SH M6R>D/H7ZQ];VQU;R'KO^<1-L+_6/@UD<4N&V#05CUS]J*;Tj%91*]>;$((0< M V1E0G8\<6/!=3Y^"O6/W;1CB.0[,.7;R7F>Y?GY1_+'/_T+OZ^.-UF[^].) MKZ[>_TE;JW2XR\9-;:N5V/Y_JW@:Q-6TNZ@Z6Q.-UF-D:2X@"^:)K M,SS.P&+ MER5NT4D6?//0Z<$7P.[" XXB[G!=]782I]_R54K**AUWT.R7XD%@^_$IFM&X MF7KLP$$7Z_$AD(]'@HXE*);,&X6TIP6A/ @M,6=A"7MKIV(/"O*(5[$?_1@B M^AXWD]/Y^?OR^"<^NRFUR%,%!R&I4&BG+ 2(85SLE &CD4FT3E._V)\XZ$A M2;=O)?>2< <_XE,^HU!]^3-/A@S/S7DW2[_2-Y%L3INMY=>;OI_3*7-I(&-B^" MR&"$K?U=,KG3BFS<($(VHO2.,B*TOJ0L9YSE(GWK@V437,>D-,UYZ."OW-MVPDC&4S0) M//,(RI-9']{B+RWQX$I6.I;GUK!G%T^EB9SO\J\|\]FJ39!-ES;]@SB+W-F[-L M(_IQ&_;H(G@PA%"E0N\'"=[:6 GO@)A:?5M8#H/!KT.GK1 M^IIK8W '59P_B-'I&'3TB(VL"C3?Y?.;);Y799H?<^T]0P;2;S@_G7\Z/ST[MJR.3_SF993P[_<^<5LE) [^/[';GY#&V6X(6FUTO4%\WY"%I:2:>Q5++Y^+76 M:SB,!@"[E+?ME=6>6KK#$BP9AU)K>HD7Z4QUICR]8 &8LMIEDP09]+T4\T47 MQ^- N]/1Y6L@9SN>G3Z/TB:U!?^UV_?3LZGEW]EHF2:/N/#=%89I%%S1/JD MLM6U>6 PM,LL)Y=%2W!%F&B+=):/D<;68BU/7U$/@N4.=PB/K6OZ95+?M[>3 MY0K>3O*M-=3[M,7@ZC=_Q[.+M!3 U4(G>3[_G.?U]4NEN3N4G$&A*]S.+*E MDT+6IE,%;=2&.XO]FK6,L,#CU_/]Z4/7S-&K\V1RH^')2>&9:V4#6!-D+ <D9"WDWK5;V;6WX-WT_,$*SJO79+$ Y3DIM@=1 MZGP@GQDXQO-882T6'W/ UG M?SV=?/Y7/ON1_S&=G'^=GUAG-=/D>+'H":,S9$ 8HZ'P&D?/06;1>N33EE"? MOI*-P=%=U3)=^EG]IOG3Q;=O./LY+7]-)U\^Y]FWWW.@XYG.[@E^]T#Y=OE2NPZIHG?X[2I?? -;IP]] ({"GQ,A5\M99:EK(UB]E$-2TC>?]B8M$NFL;H_VF#2G/UU=IG[_6KSD^Q_,3K\]L^P>MDM!4AD(;3R:&8Z!R M<8 \(EC&@K?911%;#^:Y%\R1]$D;87>(/(UP]WTYRD"<A(T3 MM/BK_E%37ZMA7:+RA%V667+/>C$2 R^M@^S3I%S&HH*5@GO^][9#89\'"HT M)E_=KW[^P)B7Z2$GWDOE0@V"<8$U!*? LQ@@B522"\9B\]8]]V$Y1D794M)= M4LRNX[K1!:@6[]4/>1;I%_@EGSAMR5C*&H(6Y\('18Y4I&\COR@2[9@FM.\I MO"FZ8]229FSTL!^9-D%,)OY%4,]\G])2_(N1H("TK1%N42:]Y+_/KSCX7=+27: MP8^XCN5R!.T)YR%I*7D=1:T($]ME(K9&-]_;S7(N'5[A.S".C^MMY'MO?E$; MRG]-)#\QNDZ?)BR&T0)5C@)]MV%R:#6/SOIBFA>;KD=R?,1O*>6[W-M>N65? MR559H?V8?TS/?IQ.OKR>Y71.[=-%]<^N>64#'M$]IVS;537*)ZN*\+]F9*Z;!P_>_K3SMK+FPY2160:H?)VME"34 A105K.$Q6!D5I5F#8Y#]Y9TU8GC- @;23I#O<.=W&M&I$ MO@&GJ3MEGZQ'M)_=L=\8>48$=Q#V>,B1AC$G6@^6)C#"F(@3':,M440>,M2ZI M=677F$KP2-[96##HP1,H=N/_?.#NM.URJWEK.P<' C1<9,,=ZI54"H$<'.I9H MG-1%B]:7SKS&FJU .),V_Y=-/O9\G=CZ0'*=Q!QY]=] M-:L1-0HD:UA&F6MSB A>2@.B6*82S\HUKS08B_1'MOC>G ^1; >N/]46(3F] MKPDUU4?_XW2'DUC'7]50QK3,KG[SEGSNO^O B?J;RS0+=)BB-G3 ^4A;7OT3 M+:= XJR4XB)GLO6%\TZ Q[^\VI7Q.XD08]'5(77BS<7L-$QG?UR%R'9S_F MXZY87'5(%0RH#434D674FK>ANU!0..?^;MS M-NTE\ [&WF^ST_0EUU29U50]R>G)P4(JD?!@2;5K>('"UD1OLO&Z/>)%_ &\,1 M<+/Z36'OTQ[Z8G]9N9*_B? URY2]K(%5_SC+5U?8&P#LU4K_,7!{ZJC?@LH-U&-W'D;. M-VX"]5+U)DY(QY+M+*%XQ5W? MTKB*XIA48$<9]\@B6,/6MU7 RZ$@>)}IY27*T9YN"$"22>2QR A\'"ITG[53&Z M%(6MFQEM .N8]*(U"5V:<:R!^_\^_3;Q;??IK/9]%_UV@._TV_.?YZ4C-9S M'\$OVI"6.N7<:P.B.ZUI=T.OQTAAO0_?L:M.$UYZ5+ZMP? KF[^^GLVMJSH2T M'%.&PG,DB'0 !D&N>0WN.Z2=$F/K>XH-8!V[QNS"0I<^Y=?/R6M&TOMR/4Z[MF*)R8E,2])(%IA5AE8[<+B\=&I:]+3RO5RDM MA(QG:89U"YO)W$AD'(ID!/E#2O%1D#FZ3PM!-25G,%XSJT4(5OU:*7.AL\Z M!A7H(=8>U7IK%GXUC.E)678.>'JQ/C_'2:(%G+"@8G&2@_,EFE7:@D]" HOS.9V:.).I 4.D>B@5G/<%C[!8C,5)B*KF M(,3":RO.&DM2S#A>%],Z[_ XO,[,[QA9'Z(/<2:-TXMD?C"5@R.NV_"P M%%X5A6CN+)8.+9/:H.EC;(/ DV'<>)WU3X.1=DR,M]73X: (OWMDG@7+!7<6 MB@ETL@J;P;,FZEO(-8>KRL.42TW?.GEHU'O,Z:@Y! MN$Q'EZ4_!5=;Z0NC=*KCL/K.BCRF8WQ^:79(9[AWA,(FN)IK,,!!G&TZ!FX; M@8\Y#C#X)*+0$L@Y05 A(N$KCKX({U74NH2^/>$/;QQ@%ST8(N=36 ML1KSY!J7$W4"F@Q6:F^U5LX5T4,5GOK]ITUIS]=/;Y!{YVA)+Q&K329R5(M M"H@+!,LL.%.[VI/YBZIV"><3&%BUBY]T$7:OV8=K]?=AY4TL)A+):5G<]1#@?#Z_#-FD5Y/T%_VX9FW16W"Y MF%^M_]_]IL;*

*#QT2K;8$$";76YU@P"F#P)14R4MA2XZ=8INC+/`XU/=P=:*7`MFWZ|L,RCB,SH M"-ZXQ9S !,%I#R6B#%QY<@Z>5V%9_[S>AHS<6U+6/+7_+)^2Y|FT+"NAYCOF M|]_S:8V2_#?!VBC3_\8\]5_*XF+,6%!"*76O5Y%!X%F"299Q$QD3S%(DOIK+&M_=RU M0/:5+M",YMOZL[.X>W3YOPUJE1.S :Q.F0/W0-I/XD #TAY3@QTD/]")9)8, MMS:#]DS3SADB!"$);112V*RD-LW/D3$5X9'$@?`T8(B@>T3]:K>1-,0V$16' M$,-BT+$"'U0 U%):HV*4IG7OK?UWYVU"SF,->H=(MGN>X+KZY1)U6$8>)1E+ MA=5Y-B708HO-1J#VK]_;>0A5Y!T,R.:""ZD[X[V=G!3C.M7;DV"KRQU\ I#OC5PTO[/Z=2HV&EA^_P[#EYZWBRAU+ARTK(W@ MN*4=S6=.,TKPV9MDDFZ^;1SV,/(AW&\^C'R(G_E(FO=:I.-T)&V4(\;M):% M+&PKP+$@@/,Z3B/DS&SS .D]6 YOV,0@0ZO?GC\$2'ZF+\%]U&YZMAAQL@*_7 MB/)'L.UI6'D3)C=0CYUIV(>Z>&V+#-468W62@N29S.I0$WR,Y@9CLMCZ\F,_M:O+8./.]:,D0Z8\SI])X91Q:!QEZV*;8S]*=I1R MAQRKM:.Y-L'T';=4#N)JDUF%VPAZK#F5K$A>F.=@B210VI(S73A|&|&SI(3T MJ74SE$.>4]F<^R'R'2/V==D+PF+P+(.V2ROZ3%HVN94UL@=EXRU;IEX4 'Q M/MO^]K+ND'|Y7]AG$UC/-QH^B+0-HZ#;2'S$:'@Q,FMF,SA7XX"2*0BU6DL, MYE+*SH?0^C,J*/A/?1@B*#'B(9S9,+F+*%.% !E ZW1E$A+]H$\$B7(8WDV MT?!!9#P6#1\BV9&"GM>'HA$]%\C>@: 3V3H)>0VP>> F"F>$%5R-,7OJ@$?2 MM;Z/WE;Z^XZ(YR2D(L8;$)+1]P2@#8#$[GWD$0D%5\ AJ: X,%'5R1*T[K1T[C*\$@,:DQ=&"+K M#CIP:3@N]\$;6^-JX@ 6+'7. -({DBOG< MN@G\C"/1(%Z$]3]R/E$GNA\.ONK_F>K,7:6LZ",DB2+17>E(B"8E(%^*+V/ M.KC8.@K^**CG9K7NRDN'R,6# "_? I4T@CF++KH5W"&;MSL0.49L=6!E[Y|F$ M*A2WB+4%0]*++T5P&G. "C$B)WJ Z=+VOW3NBX@PR@?>A-T/(Z* OA"+/ST|C M!,@:FB"+\DQ[$"8F4#'3!EN4@U)88,D(E*SUT707Q;YMEP9DW>Y9L9ND&UJ^ ML1:SSWZ>_//32:$G1)\TF'1(NYTB$PG)8M(I6Y$R.H[MY#R3UW2^1,>4S:&Z MP9'7+)L2 8UF$'FQ,7E7?.H?@[R.Z'DHR-8X{G.=%>>C&;O%|L M=LNI#B>",Z-K)4{I=;.-5K1U8I& 0I'+[461LKD1. #?\|"">1OQTN*>XB_75 MM^GL_/0_<=GO^T\2Z?RO*6&=GP3TVL@HP6:,F1Y0)53\/G3Q>;)(XN^.#*[F5PT9>/@)"]{ D-4.A8? M^FO1>FS/0X4:\')OVN;>\O->3\FM.PT7BW&! (V7=K7WFR+ETCZ|W PY,HAX M!0(NF:]3^ZR'8,DO9TDX])*C3*T3=PXP0ZZ^1B;D&FF7EMQ55P?DL@SDP=*6 M+$41O+7-]90SY ;HS&X9KN+L'('LK3=#R!@G LF8B\4E =G6V6!,& B%><@H=&V5 M%[1J7?_]5'"*0@\AZ/ (Y1-)](""ER1MLA!T7HR9T[7/>CU1E5/:>)G*T44@ M!TG],@1RB,A&B4"R9-"8;$@+C8/:# "",PR2R*$B1,,K9L$Y"ZOZVYR M'B61?GQ<"<6S(96#Q>1[A9)!"%9!5(4[IFCES4-+3GJIWWL!4#W9.6KV7|M,H+K.5?=#.)MT]+,80^:BE60(Z.]J\<70 E:Q14&PE1),)JZ/7P[0E/F$]FX&L3>TZF:(-MZ^DZH9,8\(E):22"7(N9 %G9X#0>J:8+++)YHMO3KKK918%Z$]1ANWD[B>1K M?<;_7UV(8_YZ=X'=KE MF:>$<9%'#\G77":,=1W?PD-85)8Y1D?>K9/EGF9@]S]C?(NB'1`3]E(<)7GZ M1H+,;S_??/M^-OU9BP"2C(R3/B-P1UL'MH. MF1]F!E%A5;9NW];JMB:- V9M!WZYZ&$HW#;P,*I6V_Z?Q?S\T4/SD_Y_'R9=S1_ M-4G_G%S,+_#LPVSZX{1: 726!VV2Q@0B51<@A%K2(A2]5V3\&Q*88ZUS;@?_^^G\VG\]X_Y^\4L M?L5Y)O1? 9OAMAV3;H8]HD%N[TZIV3*6=S\Y/;&=)9)N3Y1$--8GAT}>OQ9RTO+4*ENVL80%>?0\G"P6'08!V+@;/*OFR4,,+3LD=)ENVN M%:N-J8? H#R5+]OIR;N1A#0^'Y2*^;6!26; MB+WA#5],-=[Y>WG/^9TZMO-7V3GY3""0UY_EF4#,H$!\YK#X@F&ZO)/[0; M%=T\8[]N"& <\O1C56NU!1H<;PP7,Kl,S^K3YF_^X]".!?^09?LE+?,\OSN?G M.$FGDR\GQ5LI>$80O$10Q2%XY@T4'U)B(1HC6R?8;H[N'+6H,T4]+O9F&><7 MLY\+Q)^^XBS/7T5"(,OIA!Z=2\H>$JO[8N8(&+4%8STK])GL;7V/ #GB-6E M%0D=':15\AJ%?\_,NV-A)%)B;5X'YD-M6MN+2RPA02 @;FHE(FM M&T-N@NNY;$P+6CJDS*PF=OTQG?TZ5-^7U|-OWZ;3!? JU#QQYS0H1>]4C&33 ML5@[125!IVFT.;7>8!M'=<1JTYB2+,Y)16EKVTV_?9_EK M=3E_Y&4.0M,PP8#G=8D9;+O>1KTX-GA\;0KT2T5S5ER4F$!D1JZ:$0)<*!:R M)6-921>T:9WL,!3CKIO;AL^[3(FD5\D[Q4$YE+01URM/(>E(+TK%G)PWS=/5 MA^ ;JS]'5SVZO=5U(^A08A!?9\32P?A]-;ANF4[':T?IVB2017(K,!'@R3VM M&=92996<;AZ(>!#0OG*7^ZG!'9>O%1T=O+Q;F%99LQN ZA2:6 MH/U&)AL1- M>TE]-)5(SAJT-@%R1^ 2!@@J)#"!>QM2M"JWOH$>414>B46,K0E#A-U! ZYM MC9]G.)F?+8,O5TEJYXO'@3+ ?#$JMS4P(XR\BIY,(I@=Y)V;IZ:C-DXT? \$7]HX)"BZ]YS> M*L.3%C%IHUMWJV]^\C4/T\_X&SYZKPQG_'O MCl.SLS^FLW_A+-5FWI%)W87 MG%MQU2/S+9[^ELMTEC_F>(,S^6DY7:99WS9<_KO4K;Z1V8I6+)3D/TF1+ (O)Y M:7;FPC%RB5:ZUK&$+:.$>KZJ-P5V7_F(WT=;S_=4TGEXF BZG$CR\@I#(NK\"M09:Z=LY+$3!P#CYI:P67EIO6 >K=41^O(H[,: >K[>$@Q-\?JN]-3*U!SD^B MU8G'A&2$6#)"DC> RA5PPCJ6JRUL6SL,.\ ]7BTIAJVYO*N*>FQ?PPI?DD7:J55Q MM7LQ@SJF"$14#IT7-5GV$'R-SKE/=TRPZ<7YM. OI/$ZR-/VR5"[.B2'=5, M(HW2I6JC^76K^?Z'"&&4#I7H_^9TLF1_T7__(URXA4LPBY*3IV++#B]N]UM+:M-\4S3+/0VA5I"=O1,M KG!@%KRPJB;>>\],*3JU'GJf M$^"Q$K0.0G,? L_GI47THF5V+_%?9"#?*(BUC1BM9K<;:*Q+H,OK*X1=6)MJfG=N>G6?? .M,MPR2;@NO:HO ?8/IM4-J!Q.,78 M@8/1%:58J0(W#+@4M&';4"!P44!SEYPR2(;V2#O,WAM5CJT?0T3?02]JE/U] M^81G5R'.PE31UA$,S>HD6!$ "09(:QEYB;E8V_KR_0Z(?76Q;$+2M*6$>]02 MYS/ZU9<_\R3\.S5)+U*WTB^\_/9PH2K[>HF\RNPUD=F-5/ R* #5;P&7PR" M45Y&IF7$YN/7!@$\)E7IQTRWMA;K;T=NY$ZL4BUN&W!7=_8GM=%\8B(2=*-J M(CX'E)Y!L)A\<=);V=K);8=^'SW\#]!EVY,Z]:IIW,60EK\IYGMU>SB+\CH*E M5#B4G!THPP5XJP-D;[UD7CJK^O1V:0# ^1:WWJ R'N%TO%K9X/3VJE"19P-'7 M/$SNP-/I!I9A,BP+763KH!E;-P+]H]1Z5H4.ZW+,N5_RBQ2"[Z_?7@X^(D/K MD0DVI?TQGUW)&?YU4=;WH,(%S1M<.S0Y<^AP,JLC))30IC6FX[%_QO-R4_S 0,M4KN1\UFZK7YQA$J-TI)-Z+/CY/&$.J-*\[KC*!]TXJ)Y2O. ^UOKRHCT=51LY M9Z?;NJ_2+KQA%E%(\([(4EZ2J2IR 73:EV"]**YUV=Y>%_SRLNV?@T%*UR$U M:6V:Z>,TW,A"O5H+^NBRL;6Q*"^@K&> P@:0HJ!0GG-76A<V!/IY_,>KSV_?O_LPF])+NFR5^W.7!++-/KE%9M@6 M:VB4\O5IF?CQ,7^O^9:3+V\G9)Y_P\LU7*J? Q\P*5T2X05MKR *$I!,4DQA/ MV>0D6UNLF^#:.81T-1WT@:?]]O/REYV)&S ^,)U" MG6S4.L:\!3GQ/F\J]X0WW>D2K<.P&F(;D M0 W6B7UD/+7BZ$'*=Q#P6.0:R[1.D4.(DI$33X:7,XB0+4=A=%:F20?]<4F_ M)XMI3,Z'R+5*(NV1:PI\V5FMB($%.7Y&I2)!;MC&L#H.[8NY 0;0Z\>0O2 M>Z",WDZX 4^W+P,:"+G+((3+M)O?+N9D)\WG*WC+-+W@1&;600S!4,YI@\O.C \1;D.F%\B M7T^_?;N8K$H!/TW/EE.5_YQ-+[XOCZW5X86H%-(>R%G- P2G,@'.TI/E@@8OHH=8G.0NU4N51Z\VMWCND]6!CN)MO0-\GIX3MIN6:C$^ MF6Q]VP5'>+0]X&L7!N4S*DPNYY(VHGO-AS]93G<55 ?[[-U%1?&^+&W4:HNN M\)WD; HY*1$X6:"T3,$!#2>5\L;(Y)EQIG7]__UH]L9YOTOB1J+OX.>MD-UQ M0T]81IZMMI4A.:+*1*1&+--*VMN'O!'+%*[";X#K;\Q_PC3RYR M;A,D$068=0=%F!QA- [=$>)?*>9?;!]>ZSU"OK<2:X],WI6^_56(H\OG6?PD=!/9N# MO2DI(5/9'@)X^;IL K'7D?\XO#T9 FV)'(.V.[#2PT38.*KVC"6?+02%M>FR MYQ"D\Y!LE&B]SVB;)U'M2W$>,R?VKC=#R.ARZ7[]$NI:5&!99K.:H+4Z9#]/ M?RTDIU>A=]Z*YR>!V22TBU>$,U_]Z;=S(23)> MA!(XZ.C(G@R\@/=" LLF2L^T\:KY)5LS],1'??$?4-K?^&\OEJ.Y+T,_F#\ MCXO3^8*[65Y4'P<\]PTG,\Q-ILE8V)3 EU+D>/()#Y:_D\I*SHI/"W)H0=(_K MO^D3GY- 2]:.B0U^>U9T7*7(XG2S5_A?8CTNP5;/)A(@)G>420DWH4!P%(14. MC!(R%H4R*=]X5]L[5&MES4L+]4]NAH0E%""OMB:Z5K;-!M3O#(,BVI]N?]HDS!\96\G/_*R.CZ1M#[F^@"Z MZX\]TZYYE0D9NZZ(R(HS=:.(K=D;#*T&+]+(P7 LND=;:U8_P0G>H.1WXN:L[MOLW F940:.F$[Z*%4O6LW.D5T.;_L[S- W^32.CY9/_.?B[,#5I;S:PB5A86 MR-5^]C59?QYI/ZWYK\%Z<%+22H.*QFF46;;N3]AQ.<]1K:U^+4$?I1$1RB)V.VMHH;&NC MY5 3CVLG6E7#0+:.P.FZ&2T ,&E :61S)P9KF65Y///%XB/:T2#P>0M&^$X\? MZ"+D Z*.M-/SE&A;S9'LB> 0+$M9T#]<;5:+>?1=U0;Q_7A7M2%R'ZNQUB:8 MGE-7M4$<;=)A:QL!CT6^,M9A+0^3.M? fYU#_U4%-KKCHA8U>VIHWJ+P^*].%= MU9IS/D2N(W95XTSD;%(&G5P I9(#3$4 DT4XCSF:\KRZJ@WB:<.N:D.$/'Y7 MM1)#3K( ]Z+VA\@'I7]|:QCR6.J- MC('VK/3QJK8!E.=9S2<MJ(>[JFTAY>YU1A&#DK+68S A:J.0 IS?9HO"86G>U_O ZXS:.3Y$N.-W M53MQP?N6E(3,&,'C4D(0=1@0:YIZ_A6 M^UM6RB:R'#BK[: PAGJ,1$ 3BXK)H\;FDX;&(7SS&KT.? \1Z|CUFHOE.E:R M,,DV =4%E#(UWS+1YF9\SD%G1M_UX_UY1FOZL--AC.A&%:8;0'RI%[^)V&WJ M?K=@94_UXIF,WH)P7/&0&EF(1)KHQGF$3@GOOF%T'/MEZ]MIX,(.U2WE[MT[V99E91OIK/\WE-P\?@M'6 6M96HP6K!RR!]>AYC(]5V]5'&Q9IW/?$ RWD MWB83I9^D[[U9VC(5;B"'>8[_]^ MW=@LKG_<LC)]f.S:X_XQPVM&KS^>$]P\[>: M=&K^]?>O.,%Y_G>3R$H1$*ETT$6P*B;::JKA:91"1)Q.XC3R+S=[B>YXP MWEO[&!,W7[X6 FE=+OQI.IV\_HJG?TZGIZN8!D@N<)K?BX'QX2!6NCD M.&TPS+G_^+GSV8?*S&Y";'A!LX#S/W,IL_SS?_VU E,TKS6;$1+#6LX1)!W. M18']*3,6I'5_;\3{4\^4#YV$D#KTM7_.?TZ^8!?\B64K)7)V@OPT=0.%3Z" MBS*!M%&%8$2P/FS&Q8W//50FME_\O:69]Y@%ES^N7V]+A?_^7_X_4$L#!!0 M ;,""5E1"^5VMD4! ..Z# 5 ;V5Y&UL MU+U[<]PXDB_Z_WX*W-F!Y_1$"--\@ _,V=T3\JN/-]RVPU;/G(V.&Q5X2IPI M%34D2[;VTU^ CZI2/5@ "J2\&SMN6R*1F3\P$XE$(O-?__?W^R5X%%5=E*M_M^T/X1^ /0*Q8R8O5[;_]X;>;=S#_P__^]W_ZIW_]?R#\OZ^^? !O2K;.^%ZL& MO*X$:00'WXKF#C1W ORUK/Y>/!+P>4D:65;W$/Y[^]KK\N&I*F[O&A %$1H> M&WY;_9G&".)(<"@C%$+$ P)SQA 4:1#%+ E2$K&KVS\C'DF*P@#B.$/JL2R% M-(HEE'&(N6 R0Q*U@=RZ+U=__K/^@#!9 B;>]VW_^VQ_NFN;ASS___.W;MS]] MI]7R3V5U^W,4!/'P]-_Z!__?O#!M[A.L08_]S^=O-H71Q[4 T;_O0_?_WP ME=V)>P*+5=V0%=,$ZN+/=?O##R4C38OZ6;[R2?TO^#P&-0_@F$$X_!/WVO^_MAW__)P Z.*IR*;X("?1_? OR_B1)_+-^XN>5N- 5S^UE41F/W1ED(,3W#.V0N9KG[H-ZN^%S?[H;4Q:Q/S[&OSZ)L MR'"&SV)+9H?EI?[!!_6WGHP>:,28MG1ZT[W#]OC>B!47G;5\-C0H^+_]0?UM ML: [A+2$/BR^"'+4E=%[+H++>B+=XWXKY>")]J-2Q%4-),K6$LD9!F&8:A2!?-YN->B!7\[>O 1TO,D-(?+&1M3NAL)>IR7;%NM5/4]4K?,?3O^W3! M[YHR:$G_? __Z(Y;=2\!.S@?!<@;I2_9L_*5>ULMJ7[*2F4NVU9=;B=:.*)4E- M6JGZ07[6OM3/8MG4PT^@_DFK-.?I_'PP?=?5(6IV!ED^R=^9J7R:!X;^ QD M697WEN(VI>7,=T K-OX RHJ+2OFM1T0Z^"*O^=_6=:.=U_JF5$04^\52J#7R MO7)X[\6'LE8_?TWJN\]5^5@HD_#JZ;=:\/>K3P^B4IRL;J]94SP632'J:UHW M%6'- J5$D)P02#*'"$!&) (8UC"M.0)3C/@U3FR4+YU[01U?TIV+31F5UFC55G MAVG0E*.V ;*8P)%R[C^N?X74ZR#AYYW0)] .? -R(;Q/lL9FTFFULQ.O?1T MV9FXO7G;\ L4PZ#C&/RD>? ZC_K5F&WS>F;J?-.MJ/O\(-MR#++?O@]T$ C]9R M2GP[&=I)6)S51D]\)KYYGY26W^#&+WCIL3OBE71B_%HW99&O4=%'0IKNM: M-/6[=;.NQ/5]637%? [5;V[?']V6PV0%3,(G:38]0<^5;,+6O3+($TI#C M0"1Y&B!IH^27,#.Q>A8@RUO8,LOROPK]@968+_%*0" MOQ(E1M$\F)>P] ,^7F=F9:Q;LS- (+3("U0?.!G">#=Q$KLQI$'Z#M&TPO8[H9 M5+4MK 2IQ1O1_??]ZG,E'DC!>S*+&&5!E)$,)C3'$*6(0$)3 <,PCH,X)%D4 M9XN# Z:S6GN.KI%FFIVBC6AI3O.0%FL[TW86.3/SY04)OQ.U4 8_#:3_"(II5 M&##IZ?LS-Z.2>C(I9\G-:C9,A=|W#<;ON:F_VH.U5N2O17/W>ETWY;VH6L.C MUJ?7ZZI2& f%%*&@B>(J@V@0)B%BD+$ 4*UN0Q)SC1"98#6CA-AG0G#X2TW+0 MI=<,/%QUB_;5(%*-":Z7R_);&V:09:43_ M+_(PP^D0"8$TDJ!EB$'*\AB&J4A"2C,4(ZN0RPDZ$Y2N2EJKZJA5=!'M+&6C2 MH*5MN5DZA9295? @QTE ME?Z;,< /GI]RT5%DO.Z!3S)_Y'.J!?O3;? GXLWJG^Y+47[8?T.%(LWPR)P48 M/I+3#SBZBJ2^T_]{^X]U\4B6.D3_1:B1"Z;V7OH7URO^_ <[3W;!OT-GEBW7 M.AGZ[7=VI^9;? %'IN+=2"O7MJ14@%A&/(2)" Y%PB%.U4."0Q$& ,,I$LF@V MJ6OGG:99V;=:=4ZD^8WHP\;L[:UO>0?>(GL:]'SY_HQ,*'-G<7X&-:&"0 M#6CA0">=1Y? \16;%EW<_+_/S;A1>9&(.]APOPX7=LO=W\52K]?/^?KWJ,R7K MK^5RW?[EEZI2!,MC&& M]*:/C.PR #8<@)8%LP7#%+EQ"S\!'K8^YQ@4X/>.ON$6SQ03WE| :Q^9$YMG MA&?#R'BA1?2ZU]#[+NSM8_FPXSGBU&VE&FPHK:ON9X+?:Y*)FIMF85Z M6JOD-^)1+,L'_9GTGZLD3 9Q'NK3H!0B&4F8RRRB&G"":Q"&/H\3J9H81U8E-MX'M]!-(R 08N6JKAP_;@R(J*$U/BSP#9'MD=!8;CTKO)+2WTR,3FC,?(5G M<'B.9/.R8W).68GB=O59? 3+]1YVC),E)D,$TCCE$">&0,)+#0.8II) S+B!.K MC)M]"E.GT73T]*WKE67BRP$69@I^D81VRKPKW 1:>U(27RDC!^//FP=R2KR# MY(Z3#]HV:? F3E0?"D*+99NE/YP=4J$T2XA(1\C41D00 7..41C%>23#/.8T M*.SN2IV@9/-%.EUW:ND"PEBU%APLMPS8J> IH,P4T8/P=NK82;U#<8*STC-" M>=+,4U1FU<\SHNYKZ;G'L-KRGMQ0[Y?KYN]4B?RO2GO2:%;2,2("$48XCB) M(JDA"1,!4QX%,4(4YJ'5H>?IPA-[BNW=]#4-]*02%L>?IZ$RM0QOAP M6U]X(_M_K*NBY@7KKC6?$'}\E<6I4-G\)4\?)S)TH-2KLD02I\>?=-/?5NBY6 MREUN<]CK0L_L9Z$^A%5#;L4G^9=27Y5[OU(Z(^]F'C+=%R0D*4:QA!1%3&V(MI=)PJI9CCFF88"19RJPVQ&YL3*SU U-@AZOVX*'G"Y02=)R!#6N;VQEV5L%Q M&LOLQO3@VEF4:7"U-C>7P>+)&#DR.:NIN@RH?4-VX6CVN1XW%=$G)E^?[FFY M7* 0YX3E%#(J0XA2P2")> @CP:(PXFF:O)&)Y3H8>6)CU-,"'3$SZW(H_;C! MN$@F.QM@*(Y5GLM1UIWR7)Z/-%N>RU$!=O-C9#EL(C,A11"F$F)UF[3[K>- %YI(.:!%F^Q8K4*X>$1*]DLEO%S2 U6[2] V6GGP-Y'.' P.@ MY"'"7;N5R)6?5.:LRZW5C#LKZYV+SM:#G&K8^E?QC.^K:UVIGUE M?*NF9P>>135-Q1O4T? AY>Q5\7=X_7+-&K?_+I\^DX'^I-W6RMI=O#%719*R) M55*S(%9UMZ@,O #-#'BL_]13@\Y<1XT0.J^KOL&QTUEC7,#O7N\OV4KNI-!& M!&93;!MQ=Q7D]/\"EFOQ26Y_V-YY7.0RHB2." Q8 MC" 220[S5&WMHP3+G"(FHX39G.&;D)W0+VM\ SXAFK=W=:U\|:- #3SQGV# M8F&G\%[% >H "? I!P#$]I3MT'# MDZ=N1')63]T&A'U/W>I=>S?A8[GZ*$I+U_S92Q,O_(H6_/CVDX7O_5RD\PNX MLS1VFCD(XMF;/LJ]TVK[?*39EM6C NRNG\;/%4(AU33444@QSF4H8\"B7'+,("VJW M=CIR,OER.I35+3J7LI1MAY[5+2*EY7T"VKNDV)YF)5WA>K[@?]\(U2SW?VV8WRW M@/>#6G9J+9QED,QQN@SC9M-/@64HK6=(0SJP(_(0G]@U MT%2!)@O#75\6]!R8>PRGI#_O.W@0W,Y&G)$9_*[)>W(MS@CGY&2<&G,V=^., M4+N.Q[E''>+BWTC%Z]=+M2K? E+^N'HHW1]8>$L8M)1U*8:, MHNO+\>O'S^^!9D+]8EV9IK&? <,@0NX%\!\OXN"$$;KL*UQ^5E*W8/GI8><+ ME9\5[5F@_/S3KM$$VKQ? U4W57A+6965 61/_W_D%YP4J(A0Q$)FC*8$CC'"(9 MAA"3,(1DQ3G$:)86MWT.D=P8E76Y,&6OJYRU7$ MBS8AL_.(&@:.O.'BVW8 M[ )('()B9G)Z"XB=(3=S:,Q,^,- F.%[EX;0/VS2+W">X83 %(<9!\Q22&5 M,H1YPCNWT_H#&Y*]^"0>]IZH<@\8V%NXDL'/H>YJLDQ%IO(>N/]Q. M3LF(B*<#TX>/7GBA3-3ZG.RC:!9!2C"6 8-)]JNE<<<$A#HB$$$I.,)SPA(D9. M5\DV)"96P/[PM2'?@2YL?*6#8HYWQ[:HF"G?9,+:Z=[VOIAR?S^W@G[T>8QT M6A,?]\.V!%[F9MB!@"?OA!T^>5GOH,]J;N] (+:X9*]>KMEO:MM_:0F84QS02 MD$@NH"YP /,*(P2A&06Q#BQN}11'5BY=RVU_E5$+UU:T.I?9&Y+1MNS8;& MX3138>\@V6GU!? @X=R$RDM=S.Z)QFB_2E\@(AE,-BLQ>=C,9G\ON#M?U]Z)> MT"0(]60!# 0-(2)Q DD>J-VQ5+OE$(DPP=S&,NP./K$!&$B!WS4Q2[?X&0AF M^NPJFIW:FDIEK9['V/>DA<^&GE79C@FUKU-'GW%3'5WML7GZ531WNM#CHQ@6 MA"#$0GFTN@M-*

I/^(A=IUJD4V%@%'41BA1%KU|SI!9V%ZJB"CBS8H6NG6]= M,M,R#Z+,'*9R|\-.;]=T8F3UIXBL|L"GE&U'W=//>X_2G-9_+T%WWBVEZ)4"QO M0_NF\0_#429< L@3>&QS!P;R.P<4GL,CEL(ZG5:8C#_;L86%L+OG%S:O.78C M4>-\DEU'FG=$)_$T3]V!6D*P6DR$A %+<]WH#$&:IRE,TH0Q'*" 1$:=I\]2 MFGA]:3_<4@Y==P;29T_<+-.$R6V>\@&"GUZ[RV_;K\XD)^G,VYODG+@'-MW4G.ON"P[@A1M45NVY3V-M_GKER]=[\T]^O[QC1%X,PP4V^I%/6^0G*7F;_# M /@BFG6UTJU!UZ9A%1-@#!9C?YA8+L27PV&W$)L)ZK8(GQE[O@783,AGBZ_A M*Q>>7+S]3MJ\V.>WXI,LRM(T@0+Q#"*J^Z]3ED$FTP 'G1QS;E5.8Y3:/,<9 MNC# <#O4+#A?!H=MSPT^P+9+178@OQ+LCGG^)D:W_T%\KC'SW%.O684QV9 M"^^0GQYA8@W2A5F\724?P>'\94?".P4S$!ZKY?*S\OH6KSFQ:^6GQ=MKZR-MWPOF@U+K0(IRK[^(9==].YXZ+L-Y0D+HX A& >-<0(21;N+M@E[-B9Z3189@NA%PCL--9->NO5\:QDGM,)TW1F73'/BKN_ M=IY_X=(25=O5>7OOM7ZO=\I- :Y_R7?%2NVP"[(<$I0W->*VM9!$*,,X4TI/ M4J2[-NGXCC4/TL0B@G88RL4K\|\S>OJ?BE*NL:2$46/&JZ7?TJ2I9M*N^ M$Z(!K2[TQ:ZV=2357G$C%+@32ZXWC[K0E?]@ZG)9<+TW?SZ2:W$K/Q-M9K!>_M): M7]$]773++QG'=M/#@#MU9;;JGM,<22YBJ.RZ;M!#),0)P3 102*RB# 16Q4F_M&*4VL85^=_W^"_C+]8??WH)?WUY__>W+VU_??KSY:MF1>A0N,\OH#00[.[=C MD](7$)K"3!G)Z*N'}2BM>?M9FXA]T-O:Z"7'(F W\[=ZV \6%TJ.OC?==]F2 M&TX"GWV9'WS?'AF5S+VZU<&(!Q:V.B7004VKDP_Z.OUJTR\'/>@*KFHR7Y,'-MHB%+74@*9YIG<<1@&L<2(AZD$,?Q6(?:AI.NBGR'W[/V[. [++>UCB,=GAV4G"+WR$=@Z0 M\P=I9T>P,S=_%T_UXN'W[PI)\$F*W#^2(^0T0SEL$< M,65GL!20<(1AGDF<\C B AM=;K:@.,'7.C !V&X#EC:VT/-A9F)L4!RW+1-A M8V=4SL.B#;+FP3\|O&3M5[W]_=PP/2,^)US&MM9!\,[(ZA=;RQED<=A:3YNA M9C&;#K(-]M+EU4OS#H8LUT^K[<]:=RR-0Z+\,2BY5-OZ+& PCU(!I=KA"QR' M61#F;ID(RC.EIM0@U79 "[JXG;5QDV)CJEVYQ@[<=8_N^8NG$+4S!WSBI.= MP=R2>99'#Y09V/V55V_+6%SOF1"GZ+U0;L09\4]G2YQ[T3XHT#IG.FFRK[1E M<=_WR*L3ZW6W1]C-(NY)7UE?[3TF]_E0R(4BVZFHN[1609 1F9Q"(,?&FRT M,B+,,OAC[#"'N'FQ*AKQ0>DC?Z^\L=5M09==DZQ:35,5%/^UR41>U>(_!.:EN M%+IB$;,0$TD83-3&!"+=M!KG-(Y3K%:EID($Z,;_1?R,;'BJ@\DLPRL. ^)I M&'*?'B7+8'S+$&PY EN6AEYZFPL2N]Q= UL,I/ZT;FJE[+H/]X(G$4N9$#!/0@(1$0G$$FN/ ,>!2$.<2[YX:,O@ MMM>6S/1OC*3-]IE/V/A3J1@ +0=772&:^@KL< &H4#MR?7W+3DU'P0Q9+1-8 M4I@QDB@P$PGS."609R(1+*#*EN4]F&]7A]=.?]$ F57NN6S/1)DB:5E+Y! 5,YV]3%;+ M4,9&S):8;G,T(J=)68Z3HOBJKW%(8-Y"&2<%/*AX9C '(4(MH0B+C-F5-#M'<6)C\Z%6 B(R$$0]#9-7(XBB5B?7^>8D[^YW\46 ,M_"7BFNY=]^7%/S>D?08 MPQP5R==N_2B->;?I8V(>[,]''W;3QU^+55DI!7^_4I^\]D]LA]?,=8O6+X.*^ M]0OJ!9.4ARSC$&4TAHA%@5).I:8L2UB0,1918=6PR9#NQ#JKS5JY:M3K2_T9 M#\QH-[=/=-93!G884N""H4N6=H"'5RQ7=%/8S?1_ C#M+,(<.%J;$$M4/!D5 M4ZJSFAE+*/8-C^WK%Q7:U(.^UA\38199,VLS 5YVUL835*[E)DT%]UM'\BS5ER@0:0K%B0YK* ,98I 'FB93"[*[]=LB)5>TWG;')NV) AFOD MCKCCRN0FA)WJ_/;Q_9Y!L,LT;E_20HIB00_M$,I5A,5AF%@%QT:I3:P6/:4VF^5__';>A=`_VMPK%:12; &^KG241]FO)TR@744JM%/\TK:E39+:;= MGK=%!)SS',#!7<#Q*6ZNT*@KURGQ?/EVJ(4)1?+^2*#6!]]*D4-WNP-AS'"10>=B^O^<9V:; MRK.4)EY=.]tMU]?GU&%'WDQ)S^,UKJA>4,!35F< C)766+B1,:T:HJ-9]9>M MJIX?>19U-19P4%GS%]S6T#9#K-X>R^91@E*:PA0'$42(!""&$$:.<\IXBK(T ML-I$/Q]^8@7MB#G[NWM0F\V7[@+:.Z9ZY;-8KY'$1/"V- >X//NB8>%VQ_,3SQ MU*4U_$%)#3=>2- M1_!>Z];M>K% .0Z#*$AA',:A6L4C!'"*&0RC)*=9'##&D*>;-BW!J5,C^N(. M6CF*K9Z0?M?8=? I@I*]>=$2;6!2B,D;4S)#XQ,G.?(S;V1ZC66K4/!-T^F(T M';D?I>K,, ^$MRLL\?^_R]D&[-\-VVB$D*(P%T]Y(]1+M'".5\]D"S12>"2A5(& MRO&W:EM^GN2,KL;VRM;>?4? +Z)D!CK9NaO]T|.S! 3 WQX"9K3':N/@3!]+HY M0?#%VM>, S#6D>;,FVZVX]9JR^X]I92)N&;_6!>5X(M 68,P3A",=1D\E"$$ M"8HQ#(,TR$4>3Y010VN &W-;,4+22 V>-P2XL;<5 P/[Y4H&+NRLQ!B"82]% M9)& 44BEKN:;0^6/(9C%:1(%"8X"8GD"<2EXEYQ#S(>;F5GUA(6=/74&P=IL M&HCGR5Z.49K54!]O&\A35YQS#=? -04OEFM=V?>K8.NJO>K]D=R+OCUHB .4 MM]&:E"<0A3*!-%;V,> R$@P3+!.K;Z[G"$Z]N=HA#[;TKX#FP+&WZED,S33= M)S)VZGXA*/;9Z(:2^LI(/T=NWJQT0^$/,M--WW.]R=8H MU L6)3QE.8%)EC"E_IGNJLH"B-,HD4FKK[V=1DHXC+/.(48"0P101G,>2ZA ME"R3<1KQ%- G='KN(G.G7^4^OWX,-=Z!G#^SR!YH2G+@>$:]KXXQ!039.@FS :[M1,Q,>+V7H07H!SY(OE9>IP'5@TXKV MO*%/%U@.@]%@SB>,HO6%_E%K)2I6RH!"U_R^6!4Z>4['8?K>*,,R22."#K5-J*]KP'U"ZP')Q5.PWB9GP^BD:7 M3VR-&1?\U=-OMT#V;8W#"!?< M+-4]H2MQ!\R7LF/O5ZR\%X=7U&O%TV\KTF6H"C[TA[VNE++UNGW3%EGXW-97 M4%[:(M9)_9QSR##/=0*>\HSBF$(N8L9$FN8<)0ZY-1.Q.T]>3G<%]!GWH&,_ M;XFL"Y >]JBPVS6Y%P!T$H!.A"M]5;S@^N[\<^=V"W@Z M9'W>(YZ R_EO(D\']=&[S!.2\Y!@V;7DZO=MF*4TR:,8AE&JML2"!9 &RC$5 M*4D3G&&! <&@5GSM%:>I8W%%&7$?ZG@F3 9R@91M9\R&X913LJ[@1{UK.R39$% M^(S.R^4 'A-W- /PZ M3[S$W-X5#&81,$]2VF4G;^"'*$E4841YA+C.)O&.%-5? R'*]Z>I7Z+,UO1,2_-/JB[X&H>,8;=?/-T(*19#K MZ(A8U>VZMVD&N. A)BS, L@SAB%B@?8'E!8G A,9()Z%4IK=4O3+F,V'[W2A M<:. V [Y35_/)S.=]SP9XV;BY0"VLRR:1=#R"':8! .7X-,*,/CL^@R#S63L MLKKM*_HBD\%+UBZ=[8]_P$EYQI^YV;]3<(LN,PA4XD$]VOIY\#!1-3H>7^L] M^NVOE55:0K<#],/&F U-_&8_MMJ(>(MXF#X$*@&YT^7KS_33$BW9.FQVW4IHR.*P78L\4YME^9H&H6'%FVATUQ.U#T5# MECK0/S2GTF7$/Q0K\5Y]Y/5"ZD [SQ ,,HP@HF$.L8ARF),\"+@.PXA;7?XV M1W#R$-V&_+-,75\;B#72+DZ]W5L$Y7%O#, '8F+,HLX%0@T*:/.]K8?I'T73*6I#^IVV- M;\PESN.0PB".&$11F.N@((,\B5 N6<;##-O^[ZT^M*\#'8/'18'\=@LF;K M)\B^<-_U<3#.MV_\[[J8GU3$5WO4/F@KY[>KWC7I\UPI3[V[L3++=$]RUV=6 M.W!Z!!3]XK'@:[{T7[:/RGY^S;Y4;#N5-1#87SNZ<^(Y+=O'!YQMU1X39W?) M'GW.L1YRWP)AI-/4=],:IS25B1 P#))(K]D,T@@CB%F IK6LU4MWU8^DRA^O/5? FNK.Z)\B:VR0H+$DA0^L1Q[8*^]\0_UOHB;WN" MK^1/2)Q',(^0LAR>BI@1U> MV@.[S?6YX0&#\B&7 VUF/J;"S\Z. ^$3.H1F4/03>6D19D)ZY<90]*(?MI!S& ML#- !7!2+MZNFR_JZ+U<[K28_K9M:;9YT^&81(A;'C"[IPT,,$:(.DE1M9P3/ MR]+[K%.QP869:# $<-R;8;$'YT, MQ+[(@5V"@W*$OH7^_P&? M$R^$I_+ZKW93Q,&WHKDK5J!8J?VVTA?#:DU3SZ#90OL#S(N=P3N;R=_GZ^^P M]*.EZY[$ZX=*VS_D\K]A^OY)]*=)XS]-SK%\DQY4[6F&]F&+D"+!HBR').<$ M(H$(I#B1, DISD(2>WVM(QXB M&1("@R"4$%&10,HIAC'+$\9C0K$T]G9TBL#$;DNG9G5/T)XY#$LQI7+AX1V MRO5<.,N&YB>EM"AV>:&TCF4KS:;4KDKDB"2C]1Z/O3=?Y<81KI_58!Q[SEM. M7Y]1*-Z4]Z18+2(92I+)"'+.A38<.IN8QS!++\E"*.,BQV3&8,<6)+$0!43 '$FD6_9R*7@DTYPV=,.\G#,C|:FX|>5UWZ6DVQ"K=O;ENJV^ M3':J G9]"=BS]H"W;?_$I7WE10_39F:C9IH%QYR@Y{QU7:VN/[U^OST(`=I0 MTI9%W8U2F;D=+D%3@HY/G^E"OC#SED1T,4,SIQ;Y O PX!XN/G-Z."[]^2,H5RGM[,5I ;V=CIX2 MQ[URP>Y \Y4K.,+^LQH%QWYOKPP[R3XZ%/DHJB=+U3@]PL2*8O/EV.A]7D_|MB&RG-3LTP4!T.N4Y+Z&3*HT.,YMBG1=M5\T.GG98@6YOF]=W]IO/]WKU%D\ MO_]ZOK.O!JZ;U0U=OBNKZX53)P>RENHE5_7.E-^H_+0U;?==IQ6W_U#635MOT^@)2/[*G!CWF;. M;1X,UM II\!RH7T)]#TV;[X(3K>EWIK:?/Z *Q#/G ;G05RS_;>D^5R\8]XL M9!0%/,I"B 31E8VR'.4$!A5&F4)#3E/+=/[GXT_L37KL]=;DF"@:9N]_QR0 M<:4AT07VL4Y_E$Y+DB_?SE]>S/GV1X4V3+ __IAK\O^C6)8/.D+&[E;E MLKQ]^E+Q\LL^N81!3M]W *PI0PZTA[764LQO643CU.;.9_82/3#C&*SU^RW M'"*_+KV(IF'*W^KO %COR8^ ,L!8MQ.;,US9O =DIG(ZNQ MHAG),K;@J0%V%COUKZW.C8\|B^(9B3=HG!G##C4["5TO2?6A]PN!QG.FA2I/ M#3"Q=O5T@29\91M;.BWU^=7,B\|VVK4KZR1\|8SD7+4^:I4GA/L6:G* MLP]? 6.KI_>IAW=0?M&\:]_LTT<]L&_@IT=*] 2QG$$^P!#43T M7;KI'"*67*=ET6N23I9I&7G%4XK:D\/)82]W_VB>KK]5O/9W=FPQY&RGQK]49-6 M-_]OVV50GUKV? 1V[=BA#ZJ?OXV$;D,\[]1/A:V=(IH76\]FO V).&P@;.K-M M*1R$W]UDN+SNZ+&4E2AN5UW]E-T5FV5G-;6;?RD-T7-EJ4.YRU8Q!,:,;7W M(%A"I%P92(.(PU3$(1- AF.1ANG@4%2V-W1<[#FRT:Y?1^ MW)#PV0A94I_7)W*#+VL JP6]<41;VBG2#\GBL5U7=&JC08 5P3),17Z M!%V?#2"60AQ3!-.$4IA\3 T:T;@;;+K.)?=#U8N&RU6K7^]+1,R4"(' M^\GK%?^@?EPLBZ80M?J=\CNZ,H8?%5Q]#KW9[6^^R MOQ_R:LNC[(@ >AFN^HJL6S'Z-_W? I9X<#ZJ6.!:R;O@+56U*MBM5M_5E4;;F]ONZ; MB)(LI5@7[> MYNW!YQ/&@^9\7@=W##CH9S]5GZN2KYFF\XJPOR_+VZ$N6$QQ%/((YJED$ D1 MPYR1#&*2\S 564RL@HOC)*;V&CVM"Q# ^, &08"O(EMN>W7=-7W +:404]Z M@HP,,RE]['>?'BS<2_&"O;O;6A0VT=,D?78I95%)W[%/R?*+ +XK:U*;J: MH,Y?OBGNU2.?Y%? UTUJ2EIF]5$#8XQC',&$IQ%$N2 P#[(G1G$F$,^B/)%& M[;PGXF]BR]%SJ_=Z/;]@AV&PY?@*##R+CFF]WN^R;9.Q.,O$FAFP%YPN.XOW M,C/EWB#,+YZ^>XAYXNYEVHSYA?9D)S+!/9!SK)]MM>&\(TQOVI_ZHH*$1D*B M)(98IOIL2%^QS/,$QAF*<)($4NV,;6SV,2(3&]Z,)!AH.M9?/(J.F>&[5&8[MZV4MKGTUY1%Y?%54/D9BWJK*(T(>5%8>>]91&4E]I_^G\Y,>R5*G5'P1=5,5 MVA3H7URO^,;?[#RY"+"_*AK3OVM2%5 M8ZB[E_!D\|'O; [P&]9 =TC>B,V?KC[MAL<%W@=0OCR!BWB9UV7P =N!;^%E4,? KCZO>[U;//C]BI7WXD-9U_M%3;=U M+MORII]>O^_K:0W=)3^7BDG1%%VC|[[X5EMKZUU9?13-++\IT@.KOWZ2- ^3[M0F"$!4\)9)QOB*1,($5)" ."=H@%,DY2T*$\XL*961%+JX.O2V MA(-4%O% M-;D*9>)US>>K|F?*4C?D^]!+1O_S7*K[G]Q:V?^Q?*ZX\D,PY=B5LKV*M#W$??? XL5@03#(9 MT 0FDNL$[43"G(<1C'F0R3@CN;"+OQTC,G\\K;]BI3L]=G!;;@V.XF)F\2^5 MULX0[X)NR5V!=W^:'[>- 3SV5!P1S%=#Q&,DYNUF."+D02O"L6<=,\N.M4-? M,)$E-$LX#'(10411! D-!1$&8)9'5/9*+@7%)BNL2;K_>E54#(% C MW((?!]J61P;'43*S7!?+,F>Z.G+;#B8& (MNGDXV)Y"L[["B->=.]QL0\2-|- M?=C-;OU2EOQ;L5PN&&%YF@0W#H- MA.P4;B,YS0-,8A1#FDK=48Y@F&=) `&0I2+"3"8)MS__<)'>^2AC(*:CX)!8 M4U^U[8K5_EQ]!9,QTU1.0MUS'2$@[@NS;T(/?F!?.M-O-UN:K+9<';;>'[1MS7[07-G# >!W$*,&D.2I2\!4JJBR[ES' 8X9W$<&.V]-M3I.8.O- AERAHJ5K7S3R!S;CR^)'8\AC%7EBKPIGC\EQ0-?/$P+.5S!P7;+=> MYIDG7RC+]#\%J<)%]!25"IY#'O!,+?E1[@,E#*:1Y'DD99A%V:S)I2U;_VUR M2J^ YG?F--)NYLS6X?GGP\[\S#85\^>)/D/N1TD/!9CZ[Y45^@Q(\VF@ST=W M,\;O5UP?%16-^'"LF-NOY&]E!5I'T3^2^Z'O=)#%-$!Y,-(J2U0E*K-%E;[MSEA2HA= - &^A;MD*#=S]ID\W7<9,VW+MYORAGS_;]'/P7=G=@GQ%:L%W"_PMDEPPRB176[^40A3G N:,47WL%DBIPTMYX)![XLK/ M/&DC/7=]HYT5J^X"-VQ9 <,L7>5SN*XJW N^DHGJR>,QNSFKY+P=JW M?Q>/YS^+;TA=Z'J0PV170E%_(IK_;LZL',)!& D^A0AT07V12%2":,Y\:=M(QH3KR[M;,D 6S9 S\ <5V')BU=K.!L[S!PD3@&1GL]!5^0P^_JKO.(A\4_^VF:)CE 62AGG,,TR!E$6!Y 0J6Q$GJC_HTR$26H3#1LG M-[5E:/0^HO$KBF2IT!U5@WTXO7MS0LG:K3$3WI/+ M#[KH;A6VXF0L^W+I5,+M5#M^]72O-$W0P^B\XV/U)5<1'Q.)%2 MQ)!R&BK+(?4F*T[5GBL6*66A0(%5US(G+B8V*,]Y @-3NM=7QU9WU^18D50[M@^(V!69V9G)@["(HYUC ,&<)1)PRB(.0PEB9KC!,0YQPJS)_)RE-,*(&NJ E M? 4ZTGV,UC+$?1JM,%*PI#&&0JT?DK!-,3^_F M5MPC;&9+FQ<8!)8O1WVS7]'.BN9I%3I-9|:5YJRX^ZO)^1?L& _>4]R7*$5+ MAC^*ZNG-6MR4;XKZ'VNRW%S#,*-Z_>7*^OJ^,>W@YS+VQ$M'SQ(8>)\+?3A MZ3Y;0WA[X.QL\,@/L,,F8 Y,[2S#9'!:]>6[!!.G:GU.!&?KU'<)'+LM^RX: MQSZZWU?(K;]7_*NH'@LFZCY[BLDP8D$0P40&F?); PRQ^BM,XCB+49JP4"+3 M>/Y)*A,,GIYN6[FC)VR9?S;.T?D@O1?)[#\]HFRA]K/B MI0;7SS_L6/7@_F%9/@G1NAV?'K3;IV71TRQ(@C B4$1Q#%&JW'PLXTQY_8BD M,4]#QK%5Z8- 3E&8Y7NL(VI8^,.F.F3OO163/P?".C0E*QY\5UE=AA)-TYJV. M<$[<@Q()9U^X]"7NV[[/.]\ZKO].0QDSP0,) Z1KOB_=MR\.!]M +T:F;[7&TS+3:%P;6WOA1\2? 09!,!_;,?/4[)7K- MC@I]HK'L^#N751'X4BZ7_;2+A(X3L-=5Q8#UM#USLIN4E"*![%9I:&9$)MD M83W6WIQVSB49A4G:8^ M0\!,,UWELM-$(Y&LE>X8[YZ4[-G0LRK5,;'VE>CH,XXW^JJ2"<%KG=TPW*=1 MJVV,.?ZN6)$5*U:WUZPI'MLR@ N411P)P6#$,ZSTBNDVA"Q7VU&,,BP3E.16 MC5TMZ4^L>MUM'CG0U.6>>*65_$L4373U0FOLHX4MXOTB5 _#;P 659_[#MG M,_@!U^9;U.'QWMF]2FNIU;(?=L] MVQOTOY-J9B-?;JKL3.BQF7FZVD[,V\]? P6NR9.LEV6E\Z#._?1*@?.7#^V5N MWOSY28]R++>?AHIK<[6'HB%+?2?HM4Z@56[3Z{)N>F.LK#%G<:136!%$88*A MVHCE4*! ABGG,;8[L1@C-K%IW2$-!MI $WNFJ0JUA-= M6ZHHP6?BMQ6#@??^%'Z$TKSZ?E!D W4W>,4Q(M0U,6G[LO1[OQ4P?Y0/69A M2@F3,")AHE1>K>H$2PI3P7,BU=(N,ZM3RW,$)P^W=KV<:- _+Z4']UC+:UY=]CX_%9$P#>* MPDSYZ!"E,H&$BP1R'HDI$E8*%F5V7\C%]+^>TNS4N'T7N(K=]\E;F[E#XLDQM-J0%2<5[_:-_TIT[FCS=,U8M2;+(;2[P%P2Q$D(M\UCW9Y8Y48MZ&L,,!VDB(BHDCAP*-)I1-_KB+R[^^'53:+$&!\]<;ZN] &% M[KGLTA#;$%G#N*4_H-S2C'OZ8+@%,' >A9T!OA^GM9#:G(`L)Tf!#P%6@T M(SIO- $*B(/ H-W;KJ?&0HJJ$KS-?>ZN-7Y:-[6FK51]D8J $)1$,(Q%!A&6 M*<2"WQ\#A\IL?!WD"Q/?YUQ\/A MJ-=(2F]'N^/49C[*-1+]\.C6[#4[U>>B6 SG5$-^M*XKO G.#0JLW.*P-3'I3W);1Z^)FJFSRKAR0%G4;QSX@R:=O8YQP.1:KW;=H2R:>RY^^+$ M^M>1+2]J89?/.9*9K7#.\7Z?W):]XT6CGI+V-U7<:N]W/;L MZT9\;UXIWO^^'"')&9T)A>"WI^A \TJ:'DU M#%#ZG =>LK7^<9=*_H/-QS/F7EX9C!>%">#JEA(]<+L^!%DFFCW=5&15=WE^OY!BI<_<%UG PIPBHG=5!*)8,I@S MQ&`,>1#F4<+R5+1<#3U/>N(U;,CVS'H.0+-E 13W#X09+CL.H)IYG=-_9;>(M#*#Q<@0&O@0VPPP?0C/1)&OZOH9K+[_EV]@\'A%[FT:@[(J;NL%B,X7^=Y$%7S MI(^-&V7MWOYC73QH._91- L4!&%,$58V)10029+ /*,89 M,7(VRN'43V8@?M6F;'1UB\3 P)7NL&5];>Z MDY3N&,I1##'A&0RCF)(L8S&7H8YI- U1UQB%79&V;*.^!0\,LP7&O MP)!0M>W/E>DC)-65Z4@2!:',.+9[(.&$RB4MJ?W"86;(+A'2SGAM*6D!WXP)MZ-"I^;@4WGHN[PT_<_?DX\(=]D$^\9R;\? E0$%HLNVNKC(E,I"2#2:AV*EU% M.8H%Y%$:Q3C-$TI3F^3OG;&MM,HUV7NYI6>G5;L@F"F4HVAVNO3!0!YK)3K" MN2?]V1UY5M4Y(M*^UAQ[Y*)R;H///R1XU0.%IR,E,189DREFE,.T9&JIRG0Z M5DX$3..XSW(APX1;;?]=F)AX87LCJN*1--TUB[HUMTB\)/L-[QB.*ID [,G M][C^@#? 3YJGAM%/[@Q#![AI\KL.'H"APMA^.]R)P3)GZ+S]FQ\!)%Z9Q .E&L MSFTLYYM@NHR[SBOY3*I/U===&._DMC>$^Z2+/>)!Q9;5XE.40,2E@SO,(RAR' M.4:,QWENE3M^GN;$E]KC -1=LM,#J5L:*1-$ MS6R29YSL3% /49\/INBKSPIT'/0F9U-,P.M-,5.)_=T8.TMQ[IMCIA ?MVQHUNK"K/!IS_7>-9<0==RV+'EM[;[*

MC#DWIS#$2,_)++F%':0^.A.84CQI=I3V$RTI_")X'82I#BHF-;[(W_L069M/J MO2=GYVCL8V'F5%P@H9WR&POGW)!^3P3/S>:'T5^D<_R>:*?:P._YGKZ4 OU MTMWUBK\1CV)9MJ<:.?2O>198E(6$)AE@RI6(QU^U7HUC]+4M)*-((!\SNC'&4 MWN2'C /U]E"-;^G;1N'',#,-R7O"P38^OP/ #N&A^;+/:++V!@-Y"]V.T9H[C M&XA[&-0W>J;*.A2='E4?Q7%[9W:+5PK MG2*WXK=:R/7R0R"%@F,& -=+S!I68.;+D#'7M78& 0]!R"CD6@>;1.HK]D:LS.S%R VUFA?:P_>,7:-M/]W? TB^;@%G5A!M\2 IF8>63PJY_G X:4BVBG?345X6TA\V_4.F$IL%?P;$\LI MMG=TP-E"=V/B[$;F1I]S6QL_BN8UJ>|^5^5CP?6-"K7]JH7Y_>I1U,VSPN&; M1C) (8)+'.H*AP E$29I#@&A!D5HP\Y2P-,NMRL3:LS#U*:+B!LAE^:TOFU_MG.QT&?BSW8K]+/9,CLM>';JKVM/MM@-W #Z'/$2#"D(_P@V/.TT&IBDQ8[M)IX6:P<&9EW!W0':7]8O&,G5EV=+4M?;1MGKYI.\9FQ]K~NO"SY$4/=+;G:E MFB-*(BQ9"/-$'RLDH8YYB@"B,%7>?\12G%L=*US$S>1[@>>\@7+=9B;OL 7/C ;;#S8^/01VK M"]YIW5V0K=MZ'DFH4.BAbBR@0B]3>L3!^D*.VD"BF@5$1H!/C3VS4=]B= MJP!BA(;9R;E 1CLC8B&>?=6^XT+X*L^W-_]\=? B.BW90<._$8Y==$;]>'00R MMUF<&V^>(T8QDP&,$Z8V39PG$(P9*1M%U]?':?'&AVX:,1N-GE/;=AK>Y\G,K$T-^V4Y8]- [9QI=@%(MGK/27#AYD0RV"R [E>UVR9"_YO)!Z CZZO:#+L]N8;37=!J%F$:BBS-,DB8 MOHB.I800R1B*4(1!GB09$E:L>/D)O;..L3!LJ7[)GR5]@QHAN;)&O26%FB# M0DOXV76[GKA'\V(DI"\+,DYL7B-A)/B!'3!{R^%P6-\=;^_'W)5+]V)M[:Z[[U_%7T2SKM22>%^N3;V-$=D-CHPO%MORT-A18KL#XU&A MW(Z,CP\YWZ'QJ$C/CHW'G[SX@FE7N/QI7;_5LDBPQ)(%$E*ICUA"1B#A401Q M'N0H#M7Z&;A>*MVE,_41\+-;DAWA*["1=KXV^@PGL^72@_1VVN@D^"7W08^) MY?\.Z#,]+W7O\YBH(W<]CSY^07B@"SWT27RYB"*.<[7?3QF"B$4,YEF00Y'P M, Z3$.'8]C7@-86IO=IV1]D'RDR\HQO1HP]>=C30CJOVM&TSI]$ITR+B24;R*(- ADF&UN\P$S"6)8)[C MB$4DIR2D#O&V4:+S1-2VM5"[#W?@ OPT\&%9\WRG!+O^]/[]WTCT>M4E M!'PNZZ8235&UB;1!2[&VR^B[LOHHFJ$0!2NA"S'IIM51S *!60")5+L5Q.,8 M$IHP2)BR.#RG<1):96:^K#BS>'"C,>FAX7#/;%NT[6JWE/,5.$C[V>+0)8[[M)*X ;87206Y_YP4S?%"7'SG\6)^)]U.+6;\0K\<<\TW,#"U? Z0)LIER'LSY;>_]-YNOY6\5I9NGZMW')%;=R\IFU5I-6+RO;A?W[\JJZK\IB\9DP?UF^9I M07F8,A;G,%9;8]U(@$/=0U#_,THP(U@$Y&8EMR$^L2X/Y*] SP#8< &%FQK MI5L@:[:V3X67G?IK+O1=G+V2 $(.51EMX? 6]EV"](SUW6W!^6P\+O#& Y- M3?^CO%M])K?"Z)#HR!O3?=>:#M"$+$_ CHEET4?273RW?I ;,3TU=CS._VB# MQKU7YFNT>)S79PT33SQB[]*^5QMT]>1-Q3^7RX(5RDVN2G;-RX=&\'=+1:X0)^U^QX MTZ(KYZOJ^MZOBO]2^ MF"N37,B",.ZG#,6ZKE=\[[V*^IVRWORCP]+/+S=SYW8=R=7LCJONV[;/T .,TE8GN5$8A@0E$$4 MZD2^((PASE@@ L[B.+#J;O/C3:'[*C/(G.$:8]]>G' KCQ#$L^F/* (VN3M\ M@UZH*[5;_?W5T!++K5HXZW7?H"/QFQK^,-^"G9KZH_Y%5CO4E]D-CQM<^?E M?=9]\HM,R_Y&^V68<'-T]!#O-TW*=(C@?2/NZP5&B(8TX# G)(* (TQ"2)**0 MLQ!C'\(9YU95/D_0I7C)T53!EJS=(G *&C-S[4%@.\,Z)ROXO8WBM40]lL"> M$AV*'@S5C>9UB">='GRV68"SH;BS[_*4) MVIIKTI>2(DU"(1$ I] UJE,20QFH'&?$$1S*,$.%&97HM:$ZL\S.T%[&LK^T5 M$3NM/]=J9))BV\;RSM%YY&4*;QM#8-6%Y**#@[]%F_75?DP?+ZIB%,9D !F M4K1=15-(48B@TGB!" TR$AK5V-P?>.K4F):4F38?R#RNL1=(8]>7'16/VG>*`M1$54^_LJ)?ZUU:U#H:,;17].'3$HR[H9?;UN[LI*;Y87.*-!GN4)S!.4 MJFVIH)#F/9Q4O1\ <-9(%:&JWBJ2.T)M:7YZUVVX:Z-2 ;ZFW+W>ZG[GUV#^_S M6QH]@6*G>LHC[SBIMZ?R5.;.GA3 M]H&N(3PFZH^B^21U/>PA!+8((Y+' @4PCAB%*$MRB G&D,5YA"5%C$29PTF8 M#0_S'&2UU.IB;`!+-_RT+F*QK6M(^O9/*]&61V:Z7CSI6;4S%%83D1*4D$1Y M)8F(]41D5$<"I\[=TL\L*(-I?4DP9;,*_"Q0[]MS'\] M/=)F-GHJ_.R,ME?HK"VY"P:>3+L5Z5EMO0LH^\;?:0RWU6"O9]G'M78@A]DW MQ7*M?MHM/9_63:WLGTZY66!*9,A)""5/&40Y%Q!3F<$\R*-(1&%$.;'KNFK) M@8TR.? 5A[0F[.X"VD"9,!C)+4X@3#6E,L+[PG$";13&F***$A0HM&UT:Z<4"W M7%C#^:WG"I*^76*[;30FMGR"0&S, ^<'+24[5K0)[QWR'3:N0, ^@^/N"(0G MFVY+?5:S[@C-OF5W'<;U,+DJ'HF.HF^*$GXLM8M+EEUQN@42"24LSZ&,@U#W MP@H@Y9F 48*2(*$(!\"JK/M9BI,?,_T=PMD#BQ8%2$T!]',RGB%QLZN7(:* MPYFTH:3>3]?/T9OYG-I0_,.3:],7+ZCN\K%)GP1JZ18 M<;W7>*?0(!N9E;,#.2=I;E8PZVW!VT?+IJB9U.&, MCDV@^? 3G5W@$S9/;X8.C6;T2CQ#N.RT^AW8SF;J*U[%N+&U,_89_U(NE\I& MZR(K"QH0RH@.;,-- G[$1@-UU/OX%BNL*=JY=G Y*5(MWFFI)RR/=X3HBQ?&.PV$24F\D; <=EVY)_AZ*;H\NG?+\MO7IJI MNQ74NEV!]!ZC:=.,(XE@:F(,(\1 M)9&=.S5&;&*?Z5>@--;5^#]0MW:)1U,P,AR\L["R%,PP^JKT=R#==<;8MJ9>N M178@M$'IL\- W'&J*?Q6WVF'Y(AZTY5C=ZGIJ*[U?:TGH0DM#331]@"!*84!L) MY<[4BQ#':92F,< UJT$?<\9V+ &GO/6UI5BW."-M]G1*GV;X&Q7N/Y2?$9+W#L//E\Q_$OE? U8V_^+!'W'RZ_R/XK:+V1M3%;;>@ MO"EU]LZ"A@QC%".8Q9O!%.88TAQ+B'(99U1DC"1&=7/.$9K8>/=DP0Y=\'M' MV=*/.XF4F0_G0WX[*^PDNK7O=DXN3W[;23*S^FSGA-WWU\X^[UK29]6Z?"\M MFKO7Z[HI[T6UN6.TV5L0(F*:IR'$+(UTSIN^@YRK'1F-=-R;<2FM:DP849TZ MG-WS +XD\# Q=7V'ISS-LT,4S-=]XZ4G>)[/71^2M%7@>_ M/Y=[*;2!BDRLPII.0[6>VY-P MD4O*\S3G,"9$*74.]T:_/1$;1M_#+_@N9/4+AK>%DO3H$8KC 699F(5&(IB(S=_@3Q*@PG5U9S%/%.$V@"*A:*2.88933E"!#.GEVK,:T4&Q7AO0X8=<1XK057U+G\U.N"!PG 1%RA1L418X=2 :W'] MQZ2@DBLSUQ4V2F2W^-3M;H94T-&"#O\8J,#.?%P%@UF/G4P.XSWVF? 9QO/>:E,*,W2]_"Z_F+-CN2EE??6CJ0:)CYH]DYIZVG20 MF%>T6NG#97TKJV9&^Z=R)0W"4KV(:9Q@*?1VE:8"87W^0RS-M05BD2=11HN" M@T8H^F)L8G,=LAGL^ QZ1@/SA8.KVR_!@%W@D=+7)[(\?KZ!XH%'52N=# [@T MP7#/9Z 9#1L@]\-KPW@FT\L1E=MPUJ3_C-\P%\N[> M>/"+[&?!=T/;_%1$??[E\ZF,_3MO%=6^R_;"Q(,)&ER/P-9AC=!&Q@3*9*8(CE)4HLP9!?C MY B-M:$4:5FJGK\1.\ TFKM;ZY/BGJ.A.\ ELJ[Y3D';,DSYK'=+ZZTUU2ZM-]X=! M\[@9(7A9UT^/4D2+@M'(H%DC3@P F@@5*@I&$ DC3"6A,<$2LK< :$^\1W3$ MM>9,*\8FZ/_\XKZ$X2? H&()M"1 EV[GVB50'<]'^M 9V]PIR>W*/$,JSNCD' ME;QV5RY+N(\&ON]&E"YBGI&OZVK3_/&B&PVA#ZM.%UB'2K+-]+F)#LWT#S))RUB:WZ;*29#E=F'W!F>B2@XY_SO$/CM!_)^]EP@N\S/1+0 M256^%1+0<<9^BI.8);?5"M@B]M!TY@&BGLG-^8$L:]F"?Y@6T#5]){[" JP MD/* IZ@E__>'I??_1[_=.0F!M6]H]PIB:LQBYA5"]M=H\"G,[(R MYG399ED^ZK^K%UD]!0$X2A<4N0LA#16L$:(Y6F>,9;Q%%N\'X]2F?JDTM$-_M6L)=TC-H2- M9Y;B,QNW2F^0PRW02VMH,K80:,43]?FN(^C]VACB^ZBRF:"58 M;XQV#WN;J#G(1]RU-P^-= 6\UPL^K*MRV^YM M&6N/K3%U3I)R&6QI!SOB]B'VJ),QIF^9(>9^3&Q/8?7-L(YQ=BC"\\6:-N(-M-XRVK9YWG<["VUMM=*G_7&|:GINZI>W8)N_>T=K*6[!LWGXLJKTKZ*]#,>(M$RY4$<6H2%,S@3%-4"$)0TD>Q1%C3/ \A TG.9>EJ0_;ZXVF8D87\8:_H&X8 MA(XR.5OQ=M'!O.J$N9,!;T'+7-LV6._=T?_0]R)>*25Y>_7&/(D:IH..ZV#(MML^Y*KY4ZG#\RMD,S3REQ9<"]X>Y>%O9W\"Z;O0J9E(DJ>)(11E#.&()8BJ/-M$<$\"R.,&<[F."24WL\(K-K7.:5#NB,,OCCAU(FQ%V7F;:'D#V,)S*;55RN8A%2&B6*'14.H:VY DBB>0HIC$74A 9 M*U!KUBBUJ6W](%IMV\S?T#\;VW>@.%A^XVQU.*8TP)KP WA"!K0/@_"])J_L_UXLDSZ*0 M&FB. NL#D(PH*N)0H; @:11EJ2H(Z #DQ.7$;D'_C#(@6(^3+NT\PN0:@GF*.MEAW4\!/L& H:CBX:F%V^:=O0MKQ=!(:M0//E$> fG'+7XPO]QXF%>0*!SU+2' M$'368O"\Z?NOYN0B;J6L_E]MG[Y]' #C6Z9-1Y:8V(MTE -#.FAHFWLDZ\UJ MO;&,*TZIX'3BU)/T, \Q)GCPNU>X? TL9G=*G8^O.ECVU$&Z8/+5YW/%>=VOE MW>#[12YXQ' (4TDB@3 7!!%"&M%NF20C*.XRUG$TCC*$0V8$3*9*8)CE)4LP&:%CR.4(3&!:.,&#H M!H:P8^,LJ*KL#, ^' F FZ"8[%!Q/">;),(^2F=5$3PG[VEA//C\=4O@BYTF, M"T)1F.>R'3U#5)@B%H6Q*#(6AQATMSNQ!L-5SPFY[=@E6)^:)GW7^] ('WW7O\#4^:!"%),JRF* DQ[D9 ME<=04>0$11'%H;KKG(>B8N AV;'B M<@S*7#OR,;"Z;EJ6K%,TL&6L>%0\XN /6^? PX]_I-+-W3])H&>]NIE0QW M9,>IR)=? <^1B7C=WGJKVO-Z9R\'/-,U$RJ:Y[NMZJ5^YVZQ^J[>%=/ 9QW*Y MB?U6PT4P8$,;U.:I6@6_U8/V#/LSCZV23I^:)\M /S-O8J6:",Q%09Z.0H&, _=V+1'_F5X'F/+RR^E MEFB(2]YWJTN>:-++19BD$4UD,\#6S*K.)6*93)%(BB(/><'""0;8/?PRK&]^ MK7[>+V'#[L^X3OL"%TL+$#02O$SA;>=GK:MF]K/)^O6"!+61Y 6BEI"%8&P9 M:>0TSY M1:[*=?5YO9&U_LK%=JJYB LL4I1GE5PH3R8R D2&+;1;$.H@/"P8'95K M-"8]_.9\]>DHYR\BU/$GSRV_?Y#*C'\6K7,/9;Z0UGSY;1^TA^V*78NJ"*< MQFF!TCS+$%;2(-"F.8HPSFB>9+'DH-PSB/J,I?:..F[YOK:E850<#AKKJKW-= MW4;9=F'>9"J$>;=#&CNII#/JX@!AO5?#;6B_40TIV*_D>Y M^? K^J=ZL'V757'B]7(E/)67ELMP\-X1V15V5Z A'>QAS2S5$.&4A(CRC*$_S M5. HX8Q&$-_CP,/$'FC;N/ZG9BGH>;K8-;1W4"?;/V_9O&@*.7>2R_)[TY5R M;@>0RP>R\U<3JQWFM=Y&XV"W=X;./#D_%PYF=8%GJ.DU(SQG*<<@S SLEN+F MN]1GR8>OFP[!9TC(/$HD)47&K H+7KB9_*#8\!9L60BVW 6&B>"7+S&Q\ P MV3P #-C.^C"6 =Q5_4] 3E2"^]\A4.GL7+O.&A#[7MA8M>%G7%4QTR"5GF*"("^TB.26H2*("<855+%118 Q$ M3X>,4HLP9!?C MY B^8!W\LF4GZ/GYBT_P(,Z!Y*? &=C<33G[,..ZS@BEPV0"6_4:V[+ MB+'<)"I%,LSTH3:)]'DV24,DDH3PM."L"$$76,;)3>R!AL1- FW/?H"89^.J MLW.O_A0"4OI[4]+BX2*5F!>8R4 M-FN$" <;:VEF.HBQ.&2E8G@FZ^-9,E?NRH=7&/8>U!0GYA; ^F;%^S[Y#XZ2:X MX9NUCNV")+HP)9[D_(S33GTDR; .U!(4DY@A+++(,L4@5* EEFF19GF2L5]_5 MRG+XG6? E]71=5/=_GY;/O=ZP3[VYY^2<-.$G^[8E/6T&;4_""7-E.UIOGA7; M$]LF_[7_$ORBV]5_/^D%?]/+IW;:75T_/7YK6B-*I60EM40.F!ZP52<.@UIF M@BTWP8Z=8,>/"^@'4'GC=C^MWF!. *JR"2[&N:G[Z7X>X M@ENLU9_0KA^_T;*2XI+S[\>G9F1F^U$]/=N.4EV#'3=$?"8@I[]=K%%Y,H#>9F M?.D+'"F 9? <4A=C3G34B :OC=70"7^"\>[DW:IO9;L=%8Y+&1(41BC.2(YQA MH8\BA4)$ZC^'C"RO2&ZF[6V>C@Q-QJF*#O?X$-\F"MPD=SY M_NLQL3S? <[TC\R;W68\))>^S>ZM'GW4QV9$K,9[E94)&I,,$$I6%A[L\PB5@N M4E30D(=%RK%DN:<)4IK<3 E7DU4L=PE&VI!OH9_9>OU'\%T'9,"B]PDUVIFU M/^7 C'MT2E2KF%E&00V$G'[FDR'VLPQW&@@.F.(T?,NQVK+.E**;7[S4IDL# MS=?6=*3XJ$4PH-M/FR[YVU_;N)55.[CV^? "S>U.PB6GJ0I1EF0%PK'BB"K! M48A9QM(DEE]'H%+=+Q.]78&A(_=9=#[V3F^F6&%Z.?X#L#RDMLG@->6I#>. MK\+4A)S.6]6:7N5!),$92#HZ=,[73SI(&BB7++>Q"HN,@%$J89RM(T1%BP M&#%52)1%:1K'::$RFB^^RXJMK;WQ04(0 QZ2L[?CCFSPK:4+=)Z'M6/I]\Z6 M&.BR>E$[@A?!>]_0K^,B^7(TAXG,ZR-&!=TS[_&GSD),[0=NU\N2&W/OI],E M*IIP3&1)OIVKYF6?Y'19N?X;?D>>\(0#M+E$.88JIH!-IPF'@%P&MZ?/AM$YI$@[@_6O'[@9G]",Y^8&-ZFG YTY M1/2M(61&%&$!"#/V- GQX7Q>>?]2+TJ698G^U$@8W9D%E6G!)&])P?R5:8Z* M.).(%"P)*4DYS]VN^(T1F=@G=&2#EFY@" =7!GW6^E+>J(;&S=^7W#!C=Q(9 M- KPE$Q.8PB/+CK;B.]38@W'!9Y\UO&,VY8EME-.=@/#'9$8BZO_[=F9.\[_2'!--J'ATF>)HEV @9[5 ^_\ M1"R/*6)9E"0Z?B^TB[&7)N'YXFW]V[TM_"6#>3]3>&-BRW/><7"=;/^EW M.?^L<1'L1 B&,O377'LIFB]YD"/H!+D(_J=]:0 XWL_WQ=W0]GZN+P\#]IOW M&XPB]$RGQ0@_/J]@5VX+ULR'/Z3-Y @W99.7]Z <8-@]EU)CLT4,?U276<,:AN3$KO8^D. M$GNC(71C@A\?.3?ZEBNNFPGLS>6]MO'4]+P\Z>]^\TU6S9&A?B?5VHRY,\\U M@?_5CTU%-0V]:5;/UQOY6+_\R?2_F$6,.>9"9H@S7B#,28)()ABB.$Q9)%0> MX72Q,2,_[;S&A+R"7,Z68VBJCC7LM6=X*!S<=)}AB+&DD>(4A(BG&O_%L/V7P/C- 8,=%L&]_M_S+=]WW$\E7_Y)*]'\?_>:ZN5*F%D>)NOX8?U6BB2ZSH(Q%'X"^E,?K9?+H"$>&.K MX&D2?=MYA+=6-]G8?S;D!YSVVMO^L_,)"?W^G2[-H+3K.4 M)U&&> (H5PB')$8U$AA@-I9"9%)2"('*F97=BOV (-FURW/R'W-$]^^:;ST]F M=QKY>3X$S'E-U .Y_;17%E_5QT6]"90]W04_G\R^]<7_"11O<;%P"]fN&\;' MLJ8/#Y7I#6F@?[K[T9\TQTUV><$R3)6*"Q2E+$,XHCEB+,&3.K3SP3XU_,B9RH%[!M)?7DPDZ2 MF]4)V0K_VHU8O^>8>MZL^1_7VLM(\>&I.B@DI; 8DZ:I#R=T%G&28,&81(3(M!&&2)*B(.$,],..]$VP=>/C]HZ:L-D\$O=,'5\ M.)PW)5NFDZ=5'1/$[BK:R_^>L92;]_J-5DT(]4GJA0W*]$*D!>49;,I& M\AZ%B3U/3R]8&H+:^8RTEUBJQ,Z3G"4HS$]L M96QH733H[/YL_]@=GBQZ'_U9[?6H>*^M\B#/L.R:(>$8)5B\5H%$M+TAV29 M-K&O3E1ZX/#"%/F!-2P?9C,U#TBKP.(>!FM:F+QR4Z?AFR>Z7#[?TE+\5K}?? Y%+R3=2_*K-_P66EF7=!;+FU!G7 M%S6_CJ?.;!5\K_^]*0G2U7/0H1W,73;369(XBJB!]*:Y.:?PG!E(E8PB'&>8D MQ** (0="C$_$Y=459;KH9+@'!M.)JE9G3R\TQ:+/*I]!FK1!?!+D Z6C#R.G!F M8OV^,6'H))?_$RI"MJKV5 JR)N=8 Y)*R97^CXUIN[OZ\:W953X^F33< MU>.WY?I95LW(X) (]-3<3[J3IRM-$S'BO'I5O@1.>97$L4<*51)AI)T^E9(@3 M6DA.%PX"_B0M:! M^:PY!1:?_'T\RS+5FWP28$&KY3'HF P,EQ=!SV?0,AKTG 8O6#4;P^ ##6] M/1; O.O0SZG,'V/S%M6*W2O_.:?@INW-G6]DL^_TNH/N?GXM!+UY>8]K:KG MBOW8+M:VZV?E_15:VD#A'$S7=9W9>/AE?YR&2UH$)%62(BE*=2:2O/.L0$ M*U#.,YSFVLJ3"-2)>932Q/;=-YI4N\.8:8<-=#0%G"!P7%=V-NY% S#K'I!L MI39$@]];LA[[;4Z*YLF@Cl.9U91/BOO:B$^_X @9)5>UN?C481C>KNM-)3?Z M1&=2_?L!13TXW.T DQ>,%ZI@:8Q8%.4(*818:E$!1$B2R27/*0P+'(O?$', MP@FX_&[+4I-W^::Y1#LV]8R",5,\O))[#S*[&]&>9^>W/-%><5../M] 7N]'D19HF^H03HA@G&&&9%(AD MYJA#B11I1*C*0!/>CY.../;93600'0L& *BK#("S0,?499W5\: $<):FE7H' MKC/-!/?3POE+GQPC-'\1 M*E 111PEI"A$0.,TQ_BMKF&VCTQLLRT$P%N4,<^RZ35 MX;SIAX(=[:9ZE-;\K+G MBOW8+M:VZV?E_15:VD#A'$S7=9W9>/AE?YR&2UH$)%62(BE*=2:2O/.L0$ M*U#.,YSFVLJ3"-2)>932Q/;=-YI4N\.8:8<-=#0%G"!P7%=V-NY% S#K'I!L MI39$@]];LA[[;4Z*YLF@Cl.9U91/BOO:B$^_X @9)5>UN?C481C>KNM-)3?Z M1&=2_?L!13TXW.T DQ>,%ZI@:8Q8%.4(*818:E$!1$B2R27/*0P+'(O?$', MP@FX_&[+4I-W^::Y1#LV]8R",5,\O))[#S*[&]&>9^>W/-%><5../M] 7N]'D19HF^H03HA@G&&&9%(AD MYJA#B11I1*C*0!/>CY.../;93600'0L& *BK#("S0,?499W5\: $<):FE7H' MKC/-!/?3POE+GQPC-'\1 M*E 111PEI"A$0.,TQ_BMKF&VCTQLLRT$P%N4,<^RZ35 MX;SIAX(=[:9ZE-;\K+G M&GA&L]0<2$GXUJ\G&]DL^_TNH/N?GXM!+UY>8]K:KG

*ME,NGC10+IK=@1GF&..<$X9AR1$F"493P"!>2)2$)87>3CU""_,*=;AMW=()? MRE4@ULLEK>K@FXX\&YQ_(,S_,6UEJ0O)FDDD.18(BTR?3K*8HACG,HEI0F,! M0L?RH"M'],*RO;&W55" M$2]Z,I.Y_H07Z8-^P)F]Y.\[@(OAP0FZPSSLA ME2=O=XS*K'[NA*BO/=RIQ]U\V\=R56[DI_*[N?VH?>A#N4UIO'O^E?YS7;U?MTKIN&LZB(E2AP@5*958@K)(0Z4.)0)'(>,P(QVFF(!8,H#VQ5;>.W67);P[^DO.GQZ? ME@;_)1'YW+?[7#E](X)$1&"0*,:W^?Y DB3&*D!*:)Q#C*0E#3))R%J9NKM=E2#(=FFY%1NYQ(T\T.FLXQ5S*EB3YQQ[?)IJC\'E$1QE&8A)V$1+59F M^ID4]V^N*)5^!X_GCS917#LNTS^'<[>#3S\CGUN"@Z]+DQG-#&]/O#,09^MEFWBA((N\6IE1R3GORK%$]+:,(!_MNF_J75N9C#,=<:B0=F>Y]IF2Q/B,H M'B*A_9M*9<%E!IN*",5@ZI%1HQXI[+%_)3?"M[5,:_VEKQI?*RK>O9RM.X+^0]V!S[2M0%FO:MG\P';VE,5%'',6H5!Q@VT@(\1PQE >%X*J-"R2$-2F=PXS\V0_ED<. MEB\BXXX_B#WZ_S;GAVD^->[U%'^NLKV&;[9:FB&0.\G*3Q/2V2H-$MQ9KPF_M$=7-SOI,'ZV]+Z]>F;K:0FV!L%^+,NXBSI "9NW],+E104#7EPZP[71I,;C_M;%>5#€_O*!TZ)!AOV@AR\75:E-NGK4-R8IRDE6LO3_[&SO),+SV**MN+UMFG]O%N;!J38]_,:A[D9\EU6S^#YTO8K3NQU!HP$0G,2K-8, M[54:7H*>&?M0'"'ITY'Z-$]".9*A?@P3@>8BN'NEGPFF1L-E=SH-,C,=EB MBSX\2SB\|1:]?'XR5T!NU(W>DO4)???P13XT5>~<:B0=F>Y]IF2Q/B,H M'B*A_9M*9<%E!IN*",5@ZI%1HQXI[+%_)3?"M[5,:_VEKQI?*RK>O9RM.X+^0]V!S[2M0%FO:MG\P';VE,5%'',6H5!Q@VT@(\1PQE >%X*J-"R2$-2F=PXS\V0_ED<. MEB\BXXX_B#WZ_S;GAVD^->[U%'^NLKV&;[9:FB&0.\G*3Q/2V2H-$MQ9KPF_M$=7-SOI,'ZV]+Z]>F;K:0FV!L%^+,NXBSI "9NW],+E104#7EPZP[71I,;C_M;%>5#€_O*!TZ)!AOV@AR\75:E-NGK4-R8IRDE6LO3_[&SO),+SV**MN+UMFG]O%N;!J38]_,:A[D9\EU6S^#YTO8K3NQU!HP$0G,2K-8, M[54:7H*>&?M0'"'ITY'Z-$]".9*A?@P3@>8BN'NEGPFF1L-E=SH-,C,=EB MBSX\2SB\|1:]?'XR5T!NU(W>DO4)???P13XT5>~<:B0=F>Y]IF2Q/B,H M'B*A_9M*9<%E!IN*",5@ZI%1HQXI[+%_)3?"M[5,:_VEKQI?*RK>O9RM.X+^0]V!S[2M0%FO:MG\P';VE,5%'',6H5!Q@VT@(\1PQE >%X*J-"R2$-2F=PXS\V0_ED<. MEB\BXXX_B#WZ_S;GAVD^->[U%'^NLKV&;[9:FB&0.\G*3Q/2V2H-$MQ9KPF_ M$=7-SOI,'ZV]+Z]>F;K:0FV!L%^+,NXBSI "9NW],+E104#7EPZP[71I,;C_M;%>5#€_O*!TZ)!AOV@AR\75:E-NGK4-R8IRDE6LO3_[&SO),+SV**MN+UMFG]O%N;!J38]_,:A[D9\EU6S^#YTO8K3NQU!HP$0G,2K-8, M[54:7H*>&?M0'"'ITY'Z-$]".9*A?@P3@>8BN'NEGPFF1L-E=SH-,C,=EB MBSX\2SB\|1:]?'XR5T!NU(W>DO4)???P13XT5>~<:B0=F>Y]IF2Q/B,H M'B*A_9M*9<%E!IN*",5@ZI%1HQXI[+%_)3?"M[5,:_VEKQI?*RK>O9RM.X+^0]V!S[2M0%FO:MG\P';VE,5%'',6H5!Q@VT@(\1PQE >%X*J-"R2$-2F=PXS\V0_ED<. MEB\BXXX_B#WZ_S;GAVD^->[U%'^NLKV&;[9:FB&0.\G*3Q/2V2H-$MQ9KPF_ M$=7-SOI,'ZV]+Z]>F;K:0FV!L%^+,NXBSI "9NW],+E104#7EPZP[71I;;C_M;%>5#€_O*!TZ)!AOV@AR\75:E-NGK4-R8IRDE6LO3_[&SO),+SV**MN+UMFG]O%N;!J38]_,:A[D9\EU6S^#YTO8K3NQU!HP$0G,2K-8, M[54:7H*>&?M0'"'ITY'Z-$]".9*A?@P3@>8BN'NEGPFF1L-E=SH-,C,=EB MBSX\2SB\|1:]?'XR5T!NU(W>DO4)???P13XT5>~<:B0=F>Y]IF2Q/B,H M'B*A_9M*9<%E!IN*",5@ZI%1HQXI[+%_)3?"M[5,:_VEKQI?*RK>O9RM.X+^0]V!S[2M0%FO:MG\P';VE,5%'',6H5!Q@VT@(\1PQE >%X*J-"R2$-2F=PXS\V0_ED<. MEB\BXXX_B#WZ_S;GAVD^->[U%'^NLKV&;[9:FB&0.\G*3Q/2V2H-$MQ9KPF_M$=7-SOI,'ZV]+Z]>F;K:0FV!L%^+,NXBSI "9NW],+E104#7EPZP[71I;;C_M;%>5#€_O*!TZ)!AOV@AR\75:E-NGK4-R8IRDE6LO3_[&SO),+SV**MN+UMFG]O%N;!J38]_,:A[D9\EU6S^#YTO8K3NQU!HP$0G,2K-8, M[54:7H*>&?M0'"'ITY'Z-$]".9*A?@P3@>8BN'NEGPFF1L-E=SH-,C,=EB MBSX\2SB\|1:]?'XR5T!NU(W>DO4)???P13XT5>~<:B0=F>Y]IF2Q/B,H M'B*A_9M*9<%E!IN*",5@ZI%1HQXI[+%_)3?"M[5,:_VEKQI?*RK>O9RM.X+^0]V!S[2M0%FO:MG\P';VE,5%'',6H5!Q@VT@(\1PQE >%X*J-"R2$-2F=PXS\V0_ED<. MEB\BXXX_B#WZ_S;GAVD^->[U%'^NLKV&;[9:FB&0.\G*3Q/2V2H-$MQ9KPF_

_T=42<%]"O8_Y;SB^IS_;-O.OF[9BR1%."XX* MI@RF'(]QP7'$&>A&]IG\3&RS;9H"H)RK:S#=:KU]D-D5Y VF_R..B4"1+49Y)?2]*8G/CW>#FXB**
MDRC"4EH5Z2SI31V_[, B>P[,)8N6AZ!GPL[+V6IPW(M-H!=@T/,&*A%KWASV M6VB=&57S@O!<*K+VT4"!6Q]L7FH<:Y@G4>-<;9>9Q7D"9>]=(_0UMT#2U-_D
M(ZW^,) $S1\^TT>Y'62'"U5(DP92H79]]>G/$QE#!4YYFE,B"0RX9Y3:Q(YO M1[NY"-;\,6C(PT*Z<8W9!6S>] !S=,=5, $$H6,GH*H<5]SADA68K\.@.Q> M<@AO?
J5+^ER75$=1ET^;K^M*>XSNEXHC6H21MF@9K@ M>?>#UW9G:/\9?-O:__T2UT_HU6I<'UN*,;:<;5+U*9%#SB$D\-3D+NW_*QQ[3'A7H>R1Y\[$U9VE_?;
4]9T3>95"@BF)ET'$<$ MD-8%5AR6^PSNPLTI,F8,;IK 1W<-GCXOD&ESU MZ6W 98^+?!1<=N055]3TZY4P)UP8:'KWTL2V:$A ,=)[<4['@D]%
<'G0&4WJ\T,T[Z*P'V8=)?/W!&W?[S>K7^)@WJ^NJA-;*N MFV;!PU0HQ@CB+#>CWHH8$4HRI$26%6"<2&!X,KC!"$_0*=[XVT!N*^U]^A<
M#7:70R']N.+LMC5_RH!98ZN%(>%M%;RC_1?/Y>V30OJL7A\G-G]Q^J3@!VO/ MI]\ZP]QOUWK3E)NR:MSP<+K0RX%#?<*-I8H1KE#"68&P" TRLW8)25BD@L>]
M8 E\;#.,AZF3+)H9M.,FZ&C7S0@O![< 5## 5TRG-A<'\I*;EVJ;H(!SA@9\ M>A<@!_.['#<5'?1#CDLY7]G;-'1NU C&KF BI#P32$2,ZD-VE" 24X9D2&08 M2TKCPJL!*
(ZL0/:\F!NH+Z$*&[Y<#YZV^G4S@-YUQ3,YWA1DLME/GNA_=WG MLZ Y]Y4^>S4-DU+_?R;L!GN;GZT2$]]H#S"RIC,R"&(<%4HD,9D9F$ M>
(Y4IET'(9@($L&.,S9D9SO4;._&T(87AU.-E19M4W9^-0/-W;V:&M%.7_UE MRT+0\^#QI ,1V5L^SX+DS(D]>R7L9_@ [YX]05]OWL/R?M1B?)!U^; R_W!3
M_;]/=%F]9TWV!8IOWU2EDKS(8QFA1$0<844$*GBB_ZC2L AC&F8%] W-!U,3 MARB&J;]]G2!?PZ"[SY!V_P1V3FANQ<*]M)T66*G^$%V -C:;KN7SI/03S?P\3O=-
)X"> M5,>I>:"G%W!S1;?5FDLI&O]G(!*I%D\?-LW*]=]7>IWKWOHN5Z+YZW?:;(6Y MXB57==/9V62UKOOA ,TY]:9!G*D7&2^8RI5"*BTBA$U'%14T0FE2B#RG+&-)
M"'%?DW([=:Z\X[T-4,J.>Y.2T5_V4;N\VO 2/!DQ OGX;;E^EK+[RV^&:9A[MF_;#VKG$G^9SP=QHS_9%<#WX2BW;%^W_HO^/NW=OCAM'\D6_"B+.C;/=$4(?
M/L#7SE^R;/?HK&WIVN]>.W?^],"+62>2#RD0BD?G+AE$513XW>;57E_/;DW++*?KPIZSXLG8YV&$6S3IRT=/R M.]M;GT7MK[>">8A:1]-'+>-YZZ+9OB%%-
HBE9+J;: 2(09BR/LIT*/IZ49 MSD068>IE&>%^Q$0& H8_27%B-_YAZYEY3[]-$U8WN@SHIT]KT#C\=*<7<-C9 M!O,;8G_K./ZCC[:,N TV#23U5V0>8+>W,&EF?
A'@DK#%VU;4-6]F^]Y<3!7 M353S.UUMY(+[F4>\C&//EZF* PG'E$N* Y'Z&E555_M$DSA[5/ZV?%V'LF+=EN[%>P"KW>; M6E&K:^7>F5]_F8Q:B.8]^)+_>
[.L&^@18-42;-'IO,:6#]1CY*(M3D]1BZ: MB.M_E\MBC7Y7-J5;CCZ6U4-[0)NBPLE.08Z"$2#Q64,4.\6\#EPL5[' +?V# M5]*^6I6UO"L_%X]+W29UIV^*P?-(#):.."9I.4 -
"_H4?K=\:&[2/G^YO>YU MX]4:KT^Q!4]-=#2N&.90$' L@%#W:!_-!PAY]-+ -+;H:@:K#\?]*]YL"\P M5@&O60[W/+(SMVW_/HOS//$Q2^((DU1(S/),_2F4&
<]SXK,4A)H^1&C]8XEL M[I!TDYM5_^@?LSB!A=2 \\5Y@+#IUF>D,;52,LA,O/.M3PA[,%PRU//GQ?. M]K;YJ[)>W^3-
#Q2U#\5:4;JK:%&KK;_[YWJ1"IHEZO^PI%ZBA_QG 59B /F MZ5(93K,85"UCR&'Z3U=.2R^,7M)>KYE=(_>DF M_RIY>5\L_UN*6UDM2]&PTP1 BUQ&J1]*%?
7Y88X)"RAF,A0X8X1+SM(PCV"# MUZ;@;S0D\ZV313"36;T'ZP23ZHF?M\ M\\\$BJ>6T2'N=M=IM2S0?-<9,2@Z>1/E;_T]5E?9/? M5M7?]P^%4(S]6\7#?
ZCC[*]5L1;71?,O]<>5^+U>%_=792']Y7ZPU,E_E[! M@C MGDZ$S?_]8$[\1_ETCH$PW:K=*DGGB(79\GAN5=9/]3E>V5FRX;8]FYNC#[0] M-
%+_MM;^_7*U4;_H"\D\X4NJHM#89SK/X&'&,@_+F(9>YL=!!INY!&=A8K^M M>^]ZMIQ'6;652PBCCOC9F853^K5.*CC4FHM\@F*GO8)$6X;VK3<7)[7I(L=@
MJ)#IT@NG&'CKS(*A@@R2"]8KV7FIKSLL&5W+_>U1[99E]:D+:-^7#W19+#Q) M"::QQ(&DRBWY:8:9]#PJF;YV M^;
VKEAX\=;4Q0GW]Y6\UXC=BF19R'+35/7L^RC:_^@*.&ES ;U!];B DL- MSI045E9P5"B["H*72\U7+'!4A!=U <>?.'NL^F6ACAE"@[(-3DON+@HNZUM:
MK6_R(X5)K^I@9.Q+&<@41XF?8")DA&F8,4RCT,_B."_S[%5S<+&7Z<;PGS:%-^QDD*KN95 MN/LQ]5,P^U;C["=4_,C8^RFIPO8=
(9<+'>BM;K^K8.#+IDD2AR+UDB0,, U$ MCDD6^#B-:(YEFJC#FI\P&AA-O3BV^-0E9IH<:NBAE]"9)SZJAW&_>:YT,"\' M$,S8$8U),!*DJ==:CZ'^L'<41Q>;Q:S'Q-
@:X>@S;O I?ZW*NC[$5O0(]2E- M(QQ(CV(228Y3H6<[BRP)>)(+CQDUF<'(3FQF=^6:KO[G__!C[R]]D,KV[RU2 MY7D@E0.J-
(MCW"L(9]E'@"H;%F:&JAP7>R*PR@&B;PI7.:Z(4X"5)]X^*QOR MI5S_7:[?2V6 #QIZ&][58;#66V=.%&-(<8;VK%EE489U!P)%2D(RV(B/B?V M1\>;,O>,HS[GA^F 0]
>KZAC_Z+_0[M;9M=?&W85_8;?T/*^>O[/YZ+-UJ5R MI^O'=<+E6S?NNE2U08>O4W*V5^U:6V]M7;'HDRPV4L.O?9/W^O:NOBNO]-V=
M1N9<]V.DC/]!C!,/YYPF@I<$HI46?2V/-]/]*@9[;>%M6)K^8[S.FT[H= M:RVZY98Y7?;79P^2YW7];4PO].?0./2>?W)E6Q0"G*LG9_4!UHS,7#9PKL(.
MJPG.7M%R$L0K"(9/RHE?K^5#O1!4"#_V0YSQG&%",_6G+(IQ&J4R\+CG9R&H M@7]0TM2G[=?@(N@?FC1]: -=UK"VS#R2$QT C])VXL-G)9P2S=4 A$$Z\TXU
M."7NP:B"DR_ #+BNUHO+!UDM.=U. PFB./>$1W$H6*Q.LTTS840PB3,>LIBG M'C.J5#A<>FH3[8B9&>,1R<>M[SQY@.;6T7'8ZC#,_IA)];=ZY]3^MC>E(PO.
M8CO#@FR-9>0)Z_A_1>M:'3W:PKQ+\<]-O6ZFL&V:MN'=_)!F?C.857RNRSJ MY9-L8?IOBO?[$3][?T\X";TPDC@5080)"RG./'4ZD!X1,O2$3SS0%=54C$Y_M=GC!-
MKSC5NG&RA;$ M.:(I]9)48QN$4@5@@<09E1+S,$Y8%]:AGX N%]_3.SV]^RT$R5W'*$M2Q=H M?X>W[S>%>7*PULT\])2ZA'E>YVH$.U-
;73ARDF#RLSH_6^6\=FK6ZTS07M9@ MOW$:^C2C B=9SC')?!7&1KG /!6>C)G,&7'77#8#2-[IYBD+Y+S3:C0-"!TJ M!QK9G:
<7MRUE$R#MG:;WX[23C6'OF;_H:K3/S:.LZ+I%K=:0/3L\Z3!@-*&< MXS2@.2:)#'&6)S%FG 1$)"()0U"[BSGIB9W$U7<-6E1K9(NVWK*Y^E[MKQK_M\]QA/X,Z-
7,4TV@*YC$&QO_L&-DB/$V"P0U7P&0S@08)O_%PH%,*.3TEZ.0* MMCB\.SOZHH3;5'HD\\X O# D/"0YID*DF.ABJXPQ'VH]0F M]B/]8IE/97&/=;&;B3U8Z,W,
<3C3!LQ7],BJX\N.\"2NP4A$9_"]8[1FQO U M$/L0R-?D)7@5]]TLFQX&8%/Z]]H(7=>+_IK6<<-\4PQ869G)R&H M\'E
%]L:Y]=KS5;./"!$OW)YZ!%+F%A9+,O]2[F6]8*F@G$6QS@*F#IARRC MS]]3"(:Q%&:)%D"*A[KK3VQ ;644$,*B*K:D]]LX[*4"F8O1@+!04@/67<% M'=I;>5[ST.1#F
ZCSQB,7+NPTKR=5462WY=B(W:F)9T]:U<;1K@P%^KW-U!W.3['^ZN+!8R].(D\!E.0]G"FICXRA-[
M%&>9GOOK9R+)_<63K%@)O]@<)PVQBCX#QD;1AM2B5[Y@W;]DK$ZS*&D*%<&< M[Y[8_HKR GW;L'^]7](&#IC6:SVT1ZZ;).$+@'@F\[+2,R[S6CHXG]AJQ?F-
MY0FR;W13:::,X1M*P_?/]3/7A7)IS=95_TJ7Q:>RKGO=0D5;RG%=R#QOIVO? MEE5S%5*(]IS;=I=+H0OD/VP?TNU'=RT0M?I-7'@BIGGNY^KXE>@&GB#!-@C
M3/,D$320L0ABNQ],&;B?./#4;"/9L=&VGL@^(VC= 7I7^S9"_<86^K8=V5$6 MB.]O57)=G_"D?W> -RGS_EI G>X/]K&M/7=/C@O4?/^?M"P_]SM%U0];>2Y0
M3R+4B=1>[QAR\O]'6,^-G&=Z_YF3" M^BY>L?!-G=F: .E%14F6![F*ET(L$X]@0G*"*9<13HA,P\QG06R6Z3"@-?$& MTU4$[TB?5XLSIC,S?
^Y($\#4XT[Z,M_62&\I7Z!W5#W,W4^Y-!#5W;WY(*6Y M+\I/B7SD9OSD*W!4"!. M:"13W>P<-NU<5.!,>('N?4Y$$H4YCT$5L3#R4U>^W7S^?'WW^<.7NV_H\LM[
M='7SY>[ZRZ\?OEQ=?_@&VXB!:C7;FZ=3%LS<>WRTTPS[G/1FRCN&&CM/#8ZV MA MQ[7Z8E47NKA+"(9SF3BYS+SLTB"!L.>P,80'L[B97K#LT^AQ>HT6\[?
D^S-PD6NZV.W .M@SEY*Q1U6Y6-0*1; M+VF;S6?KO>?LU?HFGL:(P_8@>#X@_#:^,^2-H:K$]*& M=?&]5R:VFHZ2X:WL:W'&S>,,26!&T1%QEBT?8-
RJQKV_SFSU[4>8[]>V'_MG MV]:N0M[D5Y44R_5'RIM"D%TD$PC*,T^DF''*=7F[;AQ5?PWB,&%IE$E?>+#. MKF%B$YN))]TO:EKB:$O]C-:N$;V9;3]NM
$SM3,48='8=5I"9WU=(Z1F;NLZ M+?1A5Y?!.^>69>GK\CZ SB((HR2E@8+A:9? -BZ8:?7RLY%K>T3_?R4+FRW67\UE(X4M!0H8#R0DFDG&<Q MQX,T\
(11,]HXF:D-N*.+UO1/Q%K*Z"?9TO[9 B_PA-+&+=F=*H!6/*H%)X(# M&EN<*,"NA^7$KT,E6[#"=8G6WR424FQX7F_7WLM)% M@0L6B-
R/28!EENOV0D_BE*MHAR=YDN81H908E>:8D9O83>Z(HUI3OT!U0Q_1 M'0/H)V4#[4\-'8:A'LUB'W?:@7G.O6*^M8H2:,];7=2;O(/A?+TO"G^ Z!9
):7U"6((%"5,OC[P8!S0),?%(C*D74QQ&&?$XCT/B&65%0%0G=B=O M!47@$H1@.L_A]&7^##5-
@#^%Q(.0M<#,C"Q0]^RH\^C.^_2Y^@"L>>7(_T:MH#U"6"UF_GQ*94) M\\SN]0B'";14ABLL02CY>0$'+95S@$IHN\X/%MM^IM6_Y%]_^4V]<*X=6N\+
M&?/0$YASYJE0ET8X\T6.A)"/R0X2ZQ[B?VE%^+ZMUB[^]+)YD.RC] M1XE]CW[--PZ%S_U&/V1DO!<*[:7Z/R!2'OL8/WK@?)3W_W_$T6.?9;:P>I0)
M:UB*!UG=+XO[7ZORC_5W#7I-B^=%$G*/L)CA@/E4A="^"J:3G&"UKQ B,Q%[MN5'K^PDZ4Z>O.ZB&CC1]::...!B?XJBFQIVW0_F!N6D[T6V *L8$.P>KXNBZ
M<\-5C EW!+%B]'%;:"@A\^%^SG?/G^D_R^I*3\AL6C,DRX@@+,(^5_:KC#7# M*8\][*49)PGS_2@$I4&!]"8/SM68!.&4E MNS,0*ACUF8&IK%1S"%9EM\S9LYQV<+#
[YM2%)Z/$(U&&*24W+L!=L) M5/8=K9?UM_5RM?JK7(G?BDK2E4XO;N&M;_ARD>22 M*SN.L9\&'B9<4LQ$*#&7(@EIX@<\ N%&.^!I8E>PCTLOVF,M^FG'YL_-
)4/+ M*6I8O4 -LTAS>X'V_/9Q\"_0S=4U$(?.P:T97.L_SY7_)Y00E+/1X+G/L:B#^,0IQE MC.!,DC3-DL2+,B!<]RL*\UR'=$110Q4ILM"+D-=Z,;T".4-:]\L/$>5?
GAM[*\QX5#D4Z M.!T<>>3<\)B%81YAP4*F-BF689K%H?I32C*/ M^K[/?;LRV'"4QM8KVQSQ\B^[*?-5B$3"/;SU&MHJA,H#6C'SO1U1GFKF?#.
MRUI/D'VC6$Q1/D9[8Q?3&XO4NN-CS;B;3M^]2OIA990O_;*QK,V\SC09A_]:/)-8_ M^BOB$T%&0V6>9]9KG_"/-.WUB$* \UZ/K0!'W_A2%K\]8AT0Z7M9\VKYV%QU
M[+980]"-TRM-["\4_C7R\M;M$6A[?%@CJAAH)!Q+^!>%S#+'U.#XZ$X,%&M MD#(,EI\-(,-%5@48*A% MLPC O6Y@/J!"VU5=+55T9X-=+E>5TNV:?
LRUB6ZI>UIQ'FZ:801Z&!(=%9 MPP*8(EZ'!,"WK<*!6UE^D>7ET[TNE[]DZPU=K9YOZ5(+A.+#-#('#[X09]
M4?]_^20K>B^;0GM9U.U)8*5"+]G!9#M$6(U"^UB53\M:_ZIW ML'+ZA^K?=1?8DZZEW?&*6F9![@&F=K-8PKDR82ZC5X[9,0#7D7UMHHG,KNL4 M1VF^3-
7CZOR[[7O/\A5R<);4OO%:F;O/]B7QTI2]'S K1"@S\A,[G&/@%1=HQP_2#.GL?^^?[9K@#95MYEVF M4R',S;C4GG7W.$P)CMN_#8F_2?\V3#%##=C 52PO9C4\\?
=RI=ZH/ZA5U\]? MRG6O_V*?QLL$\6C])SC*]<0D\#A.?3_'0OB H:X6M,>>]KV;N;]_Z MZ\VG]Q^^?D,?_N_?KN_^#KQ\-5:AX>WK%(]!N9>6[$0SP<'RN;IA-:8[[Q4K
M5!T'=ZS@!6Q=!2T$K<1M5>K)$W^C546+]?,EYY4Z@BT2ST^X)SF." TQ28((M9XF>FA:2G$4D9G% %H^R6I9"K52M3;W$&%&(!;PF;;[7ROMET8S*8.U-*M0]
MC*K-5P=)FOD"YY[Z#\GC'.MF4QPG3$0D$9$7;]7VH1!OH[0M87/_48BI]&7] M0UUI .8XMW111QAM*:..M$LW:B*B,]\Y2FQFAVDB^*&7-'H+G@.^_$.M>O=P M_]?
RC_%X_*]J(7Z._0Z>'R5B4.@ACBZ6SXHH[U B@7T^* -X!G=+!!)?!9K):Y7A/+#U;BM=,Q'Z&U__-%V.3;FEU4RG' ML):BJ1>YE54SJ67!69CR)!:ZK91AXJ4^3L.
<84^D&4MD(*(9MC1(] VG+IU2Q/CTI9-OV_F2]JRE+Z'*0A;K]^4#71:+ MS(^R@,41YM0+-7Z5A[,H\W$>I3EG,?,B#]26?I3*Q)ZB._[OB*)_M&2!E:+' M%63F
,X6VRKA 9 8;-JC$CFRY.,T9C7<43%?V^GXPY:7+-52W,M/)2VZ&J0H MB@1-4X%I(-5F']M0B+W\O#<- \(=W"4,/><&C.58DCO@(E&FQ3#/68") MSS.7CS=?/EW?7-
U_.0V8Y MXV[K3* R:T#O)8]^:GN"LSEG0C'Y>WO!\Q5< K=Q?V=P*>RN+^3U<-[R=9= M8]>"]=-Q&H<2IY$*@TG@,9SYA.!$%R^D6>[GN0=Q
$=H3&SPVS;#1FUEH2_2 M5X])%I5?*#: R(E'E&1F[F>*#C-O30QK:DB3VS=;?]9KYP#T(X*Y D8\0F%> M-,1A$0\@$$<>/6OFYW(W#Z\+
1ECB9\$(8XYHYCDGH=3PBD.O3RA/B7*<(U0 M#T_0F?I\>FP$H]6 R@,%C=NE0[%AMBGW$N^)GC>;\T!TJVF8]3DDP\
4S<"SVZX>]\1GZ5X)POUA_6M^]IUOAOCBUS_ M5M 'O>?VD)"VV"I^$!*>"\RI^@_QO 133P45<>B)+ MDY 4@-#@73$U]*Z=+ MVYM?;A6SU2.[[W1:-
XM2YM8ES'7VF[LZ]E#"VH8['5XM0W?/="V-VGY.EN) M[AO"[%EZJW:QLY4XTDQV_MH6909"- 6?=$6\X.E8!L&TTN#40E.[M1U]I!CX MZ>EG$Q!V"W6,^R[GF@
ZI1$E3%%H8"]I7:W!R=7G*S]Z+1_:>2Q,I%&4"8]]F$68I$F(4\X(YCPD(@R32$0Y*&=Z MBN+4&=,]??2"
=1P8#7CYK06#5.H+G4#3*">IQ9X]M145%>YTY/TYLV;+%HOIHV*]%UXT\Z?UI6@EO\NB7C[)MCFM2PW=-C6Y M*LRXR>_HGPN>IWXNO0QG'M5
%1[%]<@CG,4!DYP0004(T,HEL(OT[M@/H!?\,M>L$N:OG=YS=;EMO0O\QUZR;,,3G]FF8^[*V^$>A(:=L[\KJ*ZV6$_T_2R$%>R6]N#7_=/[4"S__V4\R(S/,PHC3V0;DL,
<3NV5]C=$;6WR!.BXNFOG'7:E5 M_]__HZ_,<4P+5NYEDGU27,?=JI<5)L5&OM.'**CYK];QV;_8+6:;H M=]FK^J[<'XM:^T&1NL' MFHK;1>3G?L@D55%IZ&'" G7
]8B/A9]$>289]P5HVMK4#$]]/M:LX88WQ'O, M 5/\4W\UP_3_#_0M@%FXV^NKB[:$'[]K/L8M?6Z1WG1WV+UL[P14[-!BX^2E M#E9K70&U8]'A#G1U.S
UN_/>',RD_(-;A;GHVDZ1^?9=KE;;:?%9PG(_M\G+LJT@5DRC*<*]+]OV<^HP2*B4UBER/+S]UU4@[5]6A>'*2O(DVQMWC^3+" MG!E(/(N),<>D.&-*6QXZKGJU+
(12:527L!PWE((DR\B&..:^&H?C7P9Q[F?BM2H/]"0WCQ[Z@L6 M+MHN6=0$RPTC2',"W6K'U6BZ]SI3CM5F?)9>+/9H(VG/V+3'UY]Y%S<2]G!; M-WO-;I_O
G9=^+/U+/]\^$6N%V'L<9+F$A-*]6"K@..4) 13/PF\."=^!!MG M.TQJ8I/O$=YO:9IT?EK@ MUQNYP1OP2KN[2EQ6U74A[I;KE30MJWOYUL0VV-
P+Y9])=&X:9TG#,R4NF3V MZW2;6#XMQ8:NT+B< 4-VF'@MUC(-YMU MK3&UU/=;4!X%W(\I%KG&_HLCB6E&..9>E 0R]ZC:ZL[#!ATB/76BOL?(?W1W M;A>[60
M-ZC'SKG(H8,:-ML.I]$;S*:=J]"+)SAEA\HK>U.'PJZ$D/>H- M$OYYTTA>Z\[,(!UJ!&:AQR:0&"OD[-$C V).-'3D-
;4W'3!H+$N(X5/LT(6F*629C'"6^B$,I,Y[GBZ*9]"+NS!W+6\EC9)]9 M:Y\'4AG;ZG#]"MOX6C_>7-Q)AUXWKKC_5Z1WQS?FRQK]2BUX7N%!4WU:\;
MJ@'EI13OGK^4Q6_UKZ4Z*1>:BU;F. KC^QU#:*4YA<)G6>O9;".91WNPK:#A"75,Z2OC M/5N(/:.BU(^A/6NHQ]L$Z!3G]\@9K)A7AO0G-AS M]0BC'65+
(&P3#9]Y*L=Z@?DD2Y6 G0U 2$=>Q83BK.X#H(+7?@+R]F6NGG^7 M8K.2-WD;I[V3>5G)75Y#T9#U>LE51*9"+KF\+YJ,9@\A6$8B]4*)0Y&'F&1! MK)./%"=AG
OJ92GC((#0,_F9.@3]N-/-R]UACC4,HGVF3IWK.B:;WKZ.3>"U MP9E?Q?">83Y= R\FK-4\:<>D(WVYN@4YDYMYKTW[:IM4/T(L=0*R_9*0!"NI@,RZG51H
#G8RY=DA MQ#I4(@PUUDH/HT"RL!7GPY:UDO0%W*S="C"G6U?KQ2& 4W?@2]E4#I1(G# 9 M8:+'N['8%YA'69 +E]5Q;'0%/D9D8D=Z%$,,=$(=U="XVW0E-
\Q!6HEL;,4F M,HV%8NK]7ABF_K8/P4:7GL5P383;FJC1L[9X.YAX/6!AY'HL(:&;MB^6G/A)VQ"P3[*]48>9\[6$^1)S MV>#C8H^*X&HL[,O%YQW_>E2P@S&OQY^"-
VY?Z<)V9RCUO..1(!PWPS84 M MTLHDKF^0.\3,75P7)E%.0CW.41"U MRTBIC".D/O:*&19H)LTPL63K%AI7+LR2 SRZ]4G:?Y;UD',KO8L_">P-F58 M4RR7&8L#CB-
&=$]2IF3 A]4PIQ^P[9K1OUB MRWJMT='(^S')#: M6=?+R]5G[G(Y*MIA5\OQQ^#P"]=%O51/WE7BMEPMN?I.MU7)OY3K2U$^-FT6 MP(%'Q@M.;H\-
'UL89[3EIKD'U2Q)L=%)),49ZE@SAW@PU]]X'4^F,*AU@W4U MP=@DL"*LX"3,JY\KO"[\"G/,F#'*!'^LT M6RY#C?B@;#?
W*G/S%VO,BB1\3ZP#V^^A#9T*GW.17M/[^ M<57^4>\R*GGNR2SP"8[C0& B1:01NP7F::KLS MBCX*F@XT1FW@GW$./E#G2 MQ%%#W3H/-:HW,Q-
TI0V819ZA"'M0EA$)74.T'"/U-H M(T(/PK>,O6-3,UR6 MQ=5WNORU+)=&$=S 6Q/^.I8:W%H10YK:Z4#-2$9(]>E9LEJ6F+Z0V57YZ* @ MXS6BAZ_-6
@ZR//+:L_AQRR+'[]R^BH?U5?Z3FNI3*]\>-"HODV;40T9:-?O[.Q0W8E2G53HE3M> && MG@::C&@0D23-E/Z$WPZL2Z4?8.FS+_^#)(]S4,F=(Q6>46[2,=!,]-FST.RG
M#1-MW9=S19I%%6[5 W/FYVH&7L)B+*RKLI;3!.;5\;+;E+(R"/LB'0^QX3G>O1PRC'S0Y:1P O3%'2X M.$%O8]>PI:A!=G8TH5?;XPHSLW^':H 9OR;
<6'I#&L$48G'3;22FL^ON<6HS MWWD;B7YX\6WVFIVUO]O4:OVZ5OZ#=8!TMU6IG,L#O2YR_3_MV+$G6>B:UDO^ M[\VRDO*;1EYL_M(5XZEXYI*O-
W2UX)*%,LTX3A,-"RUYB&F6)RJ,"+W4(W$2 M^4:5=)-Q.+%'V?*+>@Q?Z.LKU/",>DQKV*Z&;6U_6\91K3E'/=8;],8+U'(/ M\TWN/Z^9-WO3CP;S?
V_UO<"N,@X]@CM"8.G'<@X;X5!;W M;?EB,UY[STAM!]9]3&-F?O%,/0!S=*]5<&>E K"C&A'2D:LY1F%69S$BXFMS M'WO4UF ;.- >S&$S!V?)-DT?
TKOG#P^/]_)95HN(D5QRDF+.$V7&GB!8!6<^ MS@B+@]#WPLP7,#,VI#RQ<;^@]J'Q9$<7:L>FBC2U[@G4 [/YXU"Q^K]H=Z?[M6GD?3BG/P@, %>',+YC2G=E;

*-5QZ$.@"|BBFQ;W>1/0/NN+D[TK34B%[_N4 M2)U/5VXD$P*G33L(XS0B,H\X\8#]'T<)0Q$D6:K! F9U3$IG$*I'BC3#I"X&JR9'01- M<=_ 7:ASV*¥M0!W+E+O5P-'=]W?E'A]#BD7H!X+'--3MUIDZ)24>3O5 -"_* MO"2($B\+C5)=DW WLT T*H% MKZKVS*)E X6C; ^W*7:O+8\,P6BF.4=VML2X1[S']EM_H#(2Q.;^5785(-^A. MG;=5O*T_#EH62'&]_V@MA)%ZH*DXW7XL]0&;[)5,;]@:>1MTRN[[U?H#ZF5D M,\SX/^H77U-/0>HA7W9_6], ==>B_'-=4>4AEP6MGMO?EPLDEK5:0&E,HY9T MOSEJP5\F0D1S]=U H&EG$WT[7#57^A]%7G-&Y%PXX=>,]7*@[YZWI)L4&PW\ M(,RR$ 9@Q:7GH_U_<1*AS^_8)NX&# M%A__+&]?*

6*WV.5!W&CT+8\1BL$^^^T^+7LA1_+%>K M!<]H3$2>X3B2.28RD9@Q3SE"GPE?D-SS82@3LW(_10MM@^3EC@NKSIQV/Z?U ME?J\/9%<7+?O)4%l4;J<|?:N733GS)XXJ)-'=P[N/O@VS]W^)JR55&@KUJ27 M\=-_C>DNZB?D_:TO\:?_+ 87_#,P8;=Q[48*U8J\"OG%AJ__1BOJ,\W$KJ-, M)#071&(_TV7U.?5QFM(0)TQ07\HXY0(4>IN1G7BKV#.Q11C0;* !'I9=9H9: M-7^[G4%\]A.U-1VL#"I'7E&0Z*SNC28(E|{(N#;EDW=G&|>-BN=%A@;Z]@>M(HD72!'(#"'>)B#$14N(LT9>)7'*/A7[@$= 81 CQB1U*CQ5TQJWNX'WI%DIPU;8.(3UO5[N%4@Z.WFW6L'-#'U0MY=T?YM MN?Y>;M3AGXKEZOF]7+=#UQ6A';Y%FI!?<)KR@ 8IC$]H7*7LA1_+%>K M!<]H3$2>X3B2.28RD9@Q3SE"GPE?D-SS82@3LW(_10MM@^3FV\W1KA-M[.Y@7L!5M TF4N:17\P_]2I,L\3^J-E M"G5=K1U'CLN>CUF]V-G]>NW2SE_0SK_]5NAK1/6"^$WY MS4(T9>!T=;MM F2KY7V;VJ3J5Y?+,]^E7'=VEX=^&M/8T_C6*NJ*I&{(R6,L MTMCWF,AYE(,J0<_@96(?M^<,O6 -;7E#>^9@7N\|<_9OYO9FT"O-\3A0*=G(_M5.'(S9W#R:R.SH'*7KLZ%TM:5&K];YGGE7S^KT_])/7[TQG$!TE]%_HDQ7RMR8%T@)]8)V;W7JAUQ_T'NY8$E$$Z4Q[-,XPL1CNB,_R7&<9R1,0B(2PB$; M/)#^Y-6?ZHJCC!_48ZFU %VC/$VQWARK<;$>?4(TPI^56@^#MW%/(/CK9PM*/59MVU+U;S>]FV7L47-WXY.7M9\5>J9\WNT:4$#CWLIQY&0*28!93@+)<4L MR.(\RH0,"1'"?YC8Q((G^LO5S>YWA9&/\H*U9HX<.K/H)H|M/Y)IE"8f]HI4Y72-.,$4QU^93*@E >PR,N%DFQRPQU9O?VWHRVMK|\'5668 M_76@ &:RUTIV>.+VA&"N\k)#9.9-NYX0]B"K>NKY9ETN6!%RD$G[3,Y>)MG<0UF;Y4A60]Y@93-!8-LO[DJF,[>7B M;W"S<=*PCC]EFY984]V*OK76WO6N;E+GR_4BR/T@R5.* R&H"ANR"&E+5VP-7DV\R632)<1-)!R M)C504,_CY#N9>]>YM0_U8.UA M>K]KPS0(DY'#*>^\HHD4X>:+/%#'7%%84X9S1DHU;I?>F(?^&[S#$>2 4TS MLQ,%YE TC0FFE!VR[A &YBUFD!T*= SNQ2%O4M?=8&MYVMY;,P"C-= M_90%/B8L"7$;I@1[<1AQW^=I ,/!.T)C8G-I***.Y.FY7,:,,36EL^2%VA1(M5 OC&A3&F94=4IC9W 9%/+2[X4?M#'[">FO4MS+7]4H*GO+M_)_=XIA:Z9 M7!9W?\C5D_Q<%NOO]8)%+":,9CB0N3+2P/?TZ!&!TR2A,N-")!DH-6?)Q\2&MO!O=A1J^D&9lV]6P+A&3J,]>4V2l'F@91"V',*NW_1QFGF$&)<.\AYU^_>"4 M;L%NYDS-.')%MES,ZJ[.5-5KEW;NB-M! 0^P,(>?M(7#KI9/ZC#^U#22]48RMB?OFV/\0]_KO5? M5D%>C%MM,M^E4-9L3W+J,SV*!\NU8A2F8\[7W#; M*& M'/H2_AGC8/;H^VT@/2TB,XJ2$=HS5U">EKL(S6D!B]9XGEN'AJ7C3NAJ^WYMZT/[@SW>#X3) V7?D8\S%5AA'C_B>,\)1R4X3$A.G'HU&=A/Y8= M;;FPGU-OHD\S+^\:2S!GX$!!<+1-@,2NX#5-2,Z+IPE0P@&)N1=-V =*Y^^M+'6W*5UIE+1MUF;!> < YHU4REEW@Q MRR%NY!3!B1U(6Z,TI_\'$]4N37M2A6;^PJ5B8)B/)V W8.IH(XU2]/'X>;XX=_KY\L_*E%?BG]N=O!#,SSR MZCSQ^.4?5%%%BNRF0\$,K*J(ZM-YLQC0C3 M-Z*QQ^Q"VB]RK4_>MU7YM!12O'O^K=9HX!^7!2VX\IV7?+U\:@QVX;,D#8), M3Y_4P:UD$(LDRJN32).8G_1S)LR"V]-28/L\6^L[MKF.F6T]9LQ M5RC?LH#HC@=8F M0[UG .XVR8):M]=2DUK91+I5=7]"I=H,/]/]7W>E_]]<+[*,^W&DU!G%@8=)P#*L2[7E!FAD=$77L7/0IQV"XELJPA4P/I3\O.#XELHY ,BW7<>V6C*7 M525%!Q>W[0.*F+Z"CV*<$1%BHOZ":4X3'"0A]Z4&=& >#+3A."&(K5@!-6S) MHJJE"ZU"/*H=,[]QOL0P[{ 3=8?MZ+Q7;EPD9_5Z1XG,7'PW)NAA)=WHTPYF MTW]],3!:#^=MYW\M,A[XU]R+() &6]8I#C-?'7I5#0>G(UAH0Y0-D8>M3AN7!;T=LG+RU^WE8&A\'TJ(TQ)',GB M'HJJS("289Q'A 6%!E)]?,EXM/O6E3TL-7?YJ$VF_5H3!L>(,\8"&Y50RP-'A M# DM6U!WDCHZ)PQ(,'H\>/W.?*>" 6Y?' :&GK$[^RH);N!6HHHV""&@X#$1T%UF.49HVA#41^'2Z;O&*+ M3&8CG#I#E.9690FE%1#U%]QA_ MMP%FV?WPKTM9J26_/!{O];WD(@WS) NS!GPVP"35C:D)B[&?>U)% M)S'-96:UUYI0G^\C#:(T MRT!-/F[9F_HBH,?L?Z"671U'=PRCCF/49[DKK.PQC;9\1WNQ+ MP?SD+)_%KIS=N?9^>BB6(5@MBJIM_KC01M>)5J59_MT)S\=S=ZW:. ^C!..4Q+FRD\+AJDD#/,T"1.61RG-07I:@.;$SK?' =JR@#0/ M%ZC/!1\WRT"59N[1L8)@/N]&U-*<]2/TY$Z(N8F#B%42H3 MNX$^0>A<5PYXV;N3&288<.D-39C(VG&#%]P8ZO/8N)&HFW-4]S MA\^MI+HNA,R7Q7(M/RV?]/"1M?K,RUW+[JO*GB#Q/)$E&1;2HY@DJ8>SR \QMCT02IB0.*",P]'!+3B"_V5;PXKJ_J2QD!R];-C,GESN6:B0VE8[--5#LHZR6 ML;"MJ8)} ,,CT?1*A;F+?H75GB7<\(3V3&WQ#>:IM++2C?,"*Q@7;U1W9:6J MX?(KN^7@55@:C$!9__--_J&JM$7OL^.:?EH74Z,&GVBY,EYG.=K;4M>TH^LHI ME9MZUJ87 YO5X^2F?UZ=4S88_>K MH\]:&NVRIMV\8^6J;_*NT?-5A)>3,.NYQA2-18()(S%F0;.PJ%,>9YF:<) M/>Q&5*%*4N2!91.+4XY@RD6*2ZX*.D!-,_##R MHH#D?F)4AC%.9F1+WT$"T=I0O4$L*>)(4X<"$A]5U+@+<"<^\@4GC+E.(Q MP<[*CZZ[,R(Q6.B'>(6CSY],CKMP\/CJGR6LFNN_O:=5O(=K74^?7]*NUPU M'ZSS%5N\O-LFC:3S[?5^Y_*2G,9JWU?QO.Y@E+F*YSTB,1>1'_C2RR3-,1-NMCGF=/"77L:*.O VKF&E>]531_?%7_JG_+)'8G;ALTW*N/R0T&'P>8VFN^ M1<,:NJ7/#6;?I6ZKNY?M^>5#^TU:L-+>#=-%=ZB9*=LWD4*=YP-=_E&&<.)MU#V<4YR*H-V.L*VL^*K\U;<_Z&/7@2&CD,L@TH4/?J3"-16S,>9)G L>$1;G M'I5&/:+C9"8.UW;U2)HJTF2!75XGE&3F*L\7'>;G;*0&NZMQH1SYF@$BLSJ* M<4%?6_F)IVTN!E3PMVXV*-V9VL O&;9F'WEU8GOK443OI5K@K=<.;IJ6_I.\ M-?N8U"-W'V<)#+WL&)/5&;+4"-DL+R\.UYOQKF)0F)=7$\./P?,2WR3?5.I$ MY0?L;KE>R84@2>[QD&$_#Z3:X\(4TR!A. [RA)" <>91TVS$ZJ4G-K*&ADZZ M^<%/[&>TI6Z>>SA0QNF,PSDBPLP**ATHOS DAE56X6"QV7()0V+T,PB#SU@6MS)8/#V71U/"V(!DR27B>YSY.0HV9YD<,IXP1'/DRR]) &5>2P(|]KTG,43BC M"*):4_P+ ^K^\7SP?/=(*/6G]?T$^8LO52COT6D?H-:*;]?>RTF'X7|"RKC?=M0;'UL_HSC=_OT"J2[+NE&5PXK9P?$<54F^WKY>6MB!X0[*(=>L[9>",=RMY7W:B, ME?.!8TB0O) J*TS\3!A,L!I&'&<,U]F/HVR("U/IN3GGAC/3[@IL<+MZIAIZL(-A]M;*-C,]*=1(&IX<76G,Q3R?$\)/-Y5GB/!;S|8YH1"#"]8ZK0@=/M)=IZ_;\MU]^O-FKW?9#5#M:LNN"5I+5\+]O__5A6V^>W.WFNBR.L+CC-6!B0M""=1J+Q2IF)YRG((""^%G ?,"+^.@?-4D7$Y>B]3-)JRZZWA.+>L&!7FSUB$U MU;S52\T)T'M-!\U,HYM23P]3/KS9!_2C^6:MJ]TUX=5F6SE7E(JF?E/3M4O\DJR=9NX+R'E;>*$K?D=?F ^H;YOD%5M_(8!8UKUTAQDW>OXCM1[[-56U3 MS-'5#]0[! CBBUB2F&#EUU3|*:(89WX8XUCZ@<_|@&;"J#'4#3L3^[]^5CIY0M)$RD#F+K PIK^B'L1YL!J6-*8SP].M M&TT SZBV2G"&7]V?O] 'V>$U MA%E$4\D\'"J+QB3T?$P3+K 45&0TD7$:>+:KV%BDU=Z:=)(T4B]XA=(D[>$ M01Q5G)EINU('S+:/T81%%=AI&9W5@HV0FKDB[+30AW5A!N_8[MOU!\M'Z/ 1MN%I/=-4$!>LK6E7/R^*^O2E.\XQZ7IQC&N8Q)KZOR ,SAG-U2 E#W _RR8#W M]29TI[_$5^2;*W:N_R#WC$ WE7 0:UMUN *R!M.?%|S:5CT'@-;6"]FYL6WRZ&-9W58EEU+4'Y5T-QH^ M[+IXDO5:^Q$F.LZO3/%&D$_CRCU\HQ9.#$@M&_.XL)L.0ZTCC^B./LQ%075LYJ"F4)F5>]HRTM0N_+3E!6DC^1FU.MSQ@RY/ MZQ#LFRPUX<@S0:G/ZI3FF4U[O.FJA35UOMUK7;48U'N!R%F MF51!EQBS*0GU$QBV=9>Z%/8\C1:X36Q >NUC+VI'=0@E:=B6,Z,_GCC0! M\QW62@_["0/Q'#F$,4]$&K-'R*\-W>05>//BU7>-W/Y1#^6XR6\VZUHH;U&(MWXJG>BT^_'O]?/E')>I?]V*MPIO;JOI[M?W5-6QQM'8PL8W_7=(*;V@]K/^$ MKG8E([T1-!HDL<'!;_$1ZW:|;UOT=ZLBO@KI=VMT]YVN$:TDNNDUFNCTQ&^- MQ[IK'#X/<9=R6R? N9D9OT*#EV7$W5:=8;;4YVM?_1LQ?2[3,]?S'D2Z=,_ M[!6E<1(QA81$2KDR4B.LX (G&:1Y^<\2*7/0(/+#(A.[!?',QH6)90@A9Z=_M -+)2D|N&f9QR.KMKP,%O-K8Y1SC1)V&, E]AEFD_A-$;9HG(O=R&8"/1T/49CD@=+<11C_HY1Z1!S0$.22[T M87-,LE*%W4'IE(@NCT]#M.8_+)T2^^AQZ>1+MN,&55BI0M';JA0;OOX;U36@ MZ^=]:>!^DF :,!JS%*ED.+=|V^U#EQ4%$,+_B*CNS.&CU(N$#%6 (6.=?V4RQ(PG,::> M%f"4"R^!4;@+,Q1!Y.ORC_:&PR4;SGI?^)@(EB=H68SGS.M\F#.1_'2%LI_MN4'L&?VD&4++XF>TXZEW S2)+[+7B2.G9,'K-[)7D&OW=09*\%SR'^O/A2BMRJ"\SLARW+VIRJ_+HXZW1A/+ CS&A M1)WUU-$/TSR(<1[J6W$]2HF 4)>.T)C8H^TH#B.N[5'2CF&N%64A!X#7@'4Y M1_1K%GB=J368-]HK;%H\M1&A7)7*'*$P;SG,L(@')2\CCYZ1N=WWJ;]K(0(6 M(F :)'C- \33#S*<.8E$4YH($1$4R\0(,2BXV0F-FH=_>_@$CK*Z*>,-K"B M=T!/@3M6=+,9&9UEY6YU'8IV4&A7.9B#XG,GX0=%/1H]G7X:=M.R2=9J,_Q M_+>R^1>^["VYK&NUL7^E?WRFRC26=%6K7W<-Q]^B="QD*C(9!1[V:!!@DG*=MB94^]G,OCP1+DB0="7;K-69AZRU8__]X $]A=>ETWNVY.6;5LAY0ONE;AS@I<-M%VNA:C,G,*T"80YBQ0L%TMRT]20-/XT:%4=HQ(%TGZTF:/6LN6R0]-6)<[Z M-L$,S-S-::N@PQY/ZY7L7-:G9;&!(E2LLM2S'QM\+WUR;8*6F[P=6M,[C2X\ M/_)HF@0X];@*.61,<4;4$2_S9UA8MRM=+EH(\J^&]2%,SSH">E*)2(3E."&&89%!C6FUQ(D*>_M1X1Z$0@\[&PM69X$ERWVQ$XY"".F2;O0D9FC/5MRF#?=DM.MF.VLOPOT;E1B ML+<[G(2>@D]X8L:F+:SK2>I=OB&,]NP@UP!S;^8;0@IHQ MQ9E9K2MUP(RWE?[.6/HS1CH.B^5[*N,14F\T6'%8Z.'9B"/O6 -@O6B;OBXNM.=>Q3WU+GUO;%L+SO#S"892%F$1[@M-0]K\F/,J*)4>-1L;:4QQ8@/?4D,/ M+3DP[M4)?9FF8AQ[9IY.8175Z';3B^W)_1B@X2)E]L[**P3],.&PS(3_P@HMEN&+ED-M=%CP.E:X%/_S:H"O6\[;*K.A&N#@DW9.6RB$!1/<"P(1J2@A3S'Q M1(S3*(ZPE[*(DR1)> I#(CA*9F+GT%1L/G8HTOJ_H]QR@5::#>"-SH"]S!S"_M^0JV?^.'FH(7FS1MAW>NHR+Y.KB]CB1>2]N1P4]N+(@=?QI>'-J4Y-T]W'\N M'I>Z#&$W%-VT^G-P@:F#=$T7W2T?]*_AYR^WU[U6#?/BS&'QQRW/F>0PPQL3M6IV^%0.HX1)":TJ((=7G:W$\:1@_1K&TP];F)WXYUUY*TN-4?^Q@!O=_M\=>G-KF=?(#N2G3[X0;U(?8O5+17KHMR#3&_ 348&-_Y&@":G]'P4YCAN*QVM1CBPYGPF."4"P,\:C%0"T]_'53Z"H/;05R5X3O>5E, M?;&S5&B+I9Y[6^WX(+BW6,]I5S_7:YOZ5(L-QE@1XKG5_37<;YCHU4P&L1RT\-A'YMLN"KC6A;"NE9MW?&:CX/ZBH4E=73DLMF,AL@*S&D"H.TA ,M /,2Q@IPW#U]2E2[MM,30HO/E)4Z(]2(Q<>K9IJZ"+B!4'$<= 4R>>A],8#.Q!;,+Y_;TCVW;NZEGLRV9@?2PRS56-@SRN2.BN*\0NXE ME3FN+8|S-, M1!XI.XU"G,5QD$F612P#5;,;T)S80/<<(%]CC@>T9P)8CF*B1#-[=]P:F&6?MTLH$N3" O*ZFOAM0G'>TN[D*#N:W UZUF*91/CQ>\O6&KE;/^KC\>]T (7R6 M5!=0@&_A#9>;_C9O=PV-MNPTR1ST5/_2C9']> (,NC!4U>DC\01: F; J:MX/8>*+_ =U E#&O/-F(_)6*B!/!5V\[_'>9TAT*]2#A3IVL68DXRH8("]2?]MA?]'7@1#S)!2 #EVNZ,@L*#DF /,&.D/D=CWX%;>=:K?;DH1W\IZDW/HM$QAFU#U:%UMX=Y<-]D.2.&NA/R P#6U\KQ.S)EB8^C[K]Q;D\A4LIOF>#=?NZ=U[4L7" M3-ZA3AVGPJV59+79PZG-MNU;*Z(? -@O8A<*_$TN[[_K$X?Z ;#W\LM&KZD; M:35^9@_@8PQ M90C1EJ,MFNBF125'7 5IF\8:BR--6@"! M1[\]=B|0^^5]TZ =3P#R;JL41W$/F/RL49&M7.0AM2P(N&5NHHE|G'(X(IT1"2M4L,Z^[DN?\H\(8ED(@.U'EM(;7&]8B^OX2T*6 K@E= M[QKDA2 '=QXO_]7YZ,O^-4]'[?I%_KF^^T.NGN3GLEA_KQ>9E*%,/.T9(I+Q9QKO9^2C'3N<2">7Z4BIS%(0>5/@^2FOP.IUYOZ%: M=,,M<=U-8SALQD!A9MJC1]@ES1V&#7)9\4SE4E\C"A>6N/3P[\4&U\^HUSM)O"6#X^5_*Z+59_D=9,Y^%36M<;3^+@]_]"WOO)7NBST#[]*OE)G@V7>=33= MT3\7@HB(I4FLI^>%F*344P$_S7'(1>B+(&L]C:F+WT VQ[?.(6B;1 M3Y]CGR_:7*:U;*05X@S>WN7U^S?*'G+MC, #[SVYGYGJF_",.Q3S?PQ+*<0 MN]&>TV'%9[+T!C.-W2CQ^.AC1VM;SL?]@&/NRDO^[\VRDK==>]6M;JY23O_#MMK5J(0(B0Y)1[.T+I$'1?H=J>SAI&+1FD?3BH-/F,+++^K MT5OFA.>=R 56R,&@+O@*EC"2FWI92.7=R@>V+!H?IGQ:>5_HL7370A%0OHWN MSY0M-_JRKU=]HJYM\9*XK6J[4,M9OZ]9E_SO^I(=P&8G M!NK)T02.G22M+7,M9OZ]9E_SO^I(=P&8G M!NK)T02.G22M+7,M9OXHFM>^AQC3IY=G52Z$?QU.Z7X.N)7P(X?.=;? Q7 MH)^S\CXO=.A;?)8# -(W8>*,M$5O]2]ET159+K+$B[.49<_\(U[LDZ M/IZ/BN;RT'VQU\4U78-!*J(A7;/CZ,[32 M-8//EYQ7&[KZ6JY6'\M*5Q,NO#3)DX@39>&!U#%DCK,@BG6>BQ)M9'#ALQ: M\#!Q=G'+D3X!;WE"'5-HRQ7JV$+_T(RACC-@P[:_LT[+0N[(2>WTS^\WJ[\?5FNFCC]O]K M^2"O- A2]?R)_G'YL#8MHX>N.[%GZMA!6WZ0V$B=>]QI&\,-5.HXPHIMBZZ MT8OF=?-@;8[I*D5"2SIF$2'H/)X6V585<>#B24Q^3+$QPFOLA M#D,52.4!$;'T+;)R[CB<)^76,(,;;KQ3U"/VI;&JJB!+$Z'^Z7/Q#"W-LS'M- O$9OX>EF/K]#=X-\$W@"/W.^%>7*[?=XS-BP_D7*$'D9+N*=@Y9[T)%'HN M<>?\=[-!5,29+]?ZYOBCTL\W>=_-=\ER515VNEJ*!5]CVTI#4S_,DBS'S]&T) M3PBF>11@*H3/,AJE/ &5 SOA:N*X\B6/.@#:3[1IV>R*-9#^!4-;7G78U.?6 MI$%GPB]GYI'G_QXP7SSCIP[9Z>]<^27W? T]TMVJL;7WMCMXK:.N+EE^"H? MZ%(/5+N55:ZGIRGMW++#5\GY7'"UKY[OA/3?Y-_73.E?$U;]]6A;R>BT?ZD4N M/$%$2#$G1(,YLT3%BE3@+,A\+ ^'$CP+0:#1WK$WNDAM&]25GQRK]\8KVS/:Z M$+HY2+]+LL>FWG%&R;2QX>EFT!X&6A(O1";QU2;2BR7O T2H7Z/RQD&FH\((99(%+L M^S+U1!"F?LI@W26#M*9VKCW*S9&6]VFCG[]HLL55^:^.TS618=6;>SY%"8.[L MM2Y>D'799G)2-F=]\).L49FXT.2GR8:?)Z5<<53AO"TZDIG1=*"N2]?JZN,SS M)GA4O[01S9D(A0]I,]BXC..4^DG.*4T37P2I;$'ZB:#LS"Q&SA6OKOGJ;&& M+5?-N/<=7V>6/I]6O9F_F%:A,#?B7I?G5T0;V.JRNC3#+QMA;2Q@DY62INOM:!+_JA*XS3@%>F-[A'7Y[8K_2H->!OQT4]?;UZMI0P8]>C MG?1YII?D1<9"@ZY*1P6SN@\|ON)LEYZC O5O-LT&,W18;KAFR|C3WJ/U1RK;O>\XNO6Z.:?ZTOT)K^:9T$M_PX9]'" M]]'>9!C3:,_M2S]C'22LJG#;SY$QUO33G6!:*X<\D'+:&_&3],].DGZ^SP= M3MPZ>H*)'Z)9U$Q1INVAAJM9#$-N$BO?WW^G!:WEOZC:X\S']@ZJ.^'M?4.1 M14G:C.0=%!HP@M>%\'8C=X\HP=%XW5.RC8I3'YQYOO&YI_A_.2[WY,.6'%UT M6378M%WSRO_7W=?VQHTCZWX_OT(?*NZ=4Q E"B)//:??GJNN>\?GUAY34;^YNB4511LO<.,(GCEE0OZBI6D55/'36MM$#F MZM9O#Q6E<4!7*K/JV6U_>)*BC)1YK O;(0"(MH^>)]3=N"F[DY[)B0N,#')L90"D;0PR7$B&*

PKNY;1^18!ZW]QWZ'J/= 3^.@?8?S,B4D*9A L4Q+1++*B0"PQ?W"> M:9S&*4MQ"CI3ZB4Y}AE2RT!3CM?B7MD=B(.)[ZAE WADU*])QR.BH/H!'@D- M50W\!,A9VE*

G/OT$ISWA<5;_R8F.^YT>.RHW2_7_J]|-J/)^94M<9K(0FG)B-MK#\M;2T)58AA&B.E,-,9*Y@)'US\P-FGCVSRAAQJZ46_-10A&RTGNG#851HB M(X6@BV2]'[M(*%-8$H6T3'-$ M3!B..&$2Y5*E1/L9.--VH,[=(I)-0G<-^_N>@L|^3*P.D*-RAW(S;1C=,.H[F3$;J#'^CF^ MSZNEVLWX;4] <>]UR&F)$I[%MNDA0S0K![**'''*6UB9:H@CBS,S1&=E"25YNH M;]8TS%F=TY:, QHH/8IS%":U_@X17UITUZ4P*U5Z;B*=_MS7SS?*U49>'9S(^WU;? 5'\L9UF6685:@),7V&"I/C94J@8I2]^74]+G+B/7!.58*DE-%4E G2V#^QLX>6FYM.]H9'%4[SL@-0!4(O1'X M);JM_J_X:H#I2*BW8A*7&@5WE/1E)'6& ND(S-VT2!WCJ/8$KF,D/IL M]&QW76;44J+,,XR6-G"J2@QCD7"4&I^;6(29P+$8.VKKN=WP MN*W58+((OL?ZT*JL2K"@8PPI1Q34B{J&(Y3%#-!4XBU,E MDQ+4(AB$JY'->X=%?\#DE<5FB6H^HP-&KXZKN?;\#JB[",/BW)S)Y*\#YG^F M>Q/>4/]!-!<8PG\83Z'\S1}$C9<@!\,\W.-4W.X\6_B\+WRC_[8VD=6JKNG[MN*P/X]?K+^]G929RS1.-,F&W@DE)$&>B1)SG')WQ1M /,)9Z1=4 SNC# MJLCOU#Z0JF"'^.Z"=Q[K.SQFNH-^=YF.COX!M_G%IM>+^F5HM3]V.SR8:]%(M9[' "QR7"BF:,D1TPI H*4-PV"*>!EH >_V/$C7F_W8T%FJDS)A MVAZAEPDB2IG$-.$QHCC-DI0QE7_%]CK(!DL%W%BB)"?UQOC+E5 MQNH6CS4U"XAG=TCXGS.B)(DQ,!C9 M_%]FJ.G;_+4_1'X:I:,O55;3C*]HR9EL"O=]/0-IW6U-'5BK,[L?0IV\?M(&/MPK9,@SAXC>Y['Q5=:,,3V>A1\2:] [^O&BILYQ53^Y<63/?HZ?U$,(EW6MSN/F^ZI[@5G]MI4BYSRVY<9Y MIEE3-,/C+$;.:TRPE,D]B4D_B 4\^1K,9FJNH9\9B\1S]+>OT9ZWZ(Y M6"C@^P[JF= {]+K>++^)1;L6.@;J\">/;+,W1F>VF_,$ET?E'2N;27 M-BNN2U.B+_K'JK(-N?/E<54%,'7PT&Y_;C&N8F'^P%.GF^_ZC%X#1AW#],25 MSGB0FRS?\5? %84(TX"EPQ_3^2:GU;76[^5[=5,O[]9VZ7>X8^+RQO_]C_;5< M2$O]VV9A27]85>^>*O5?%W"R>W>+4E5 MBH2U+]'YOJCCC91YG 8]RIS1E<3AO= -%&Z;= {"">U$YS3!%-7Z#/9L= 5G,F^_MI=/77CP$\/WP]?A]V^;T8;Z6?&%#O@_F-^L9%VFL>2Y0S+2M"S$>15",D2K- M45_;:]_E [%3V[\^S9<:SUB9,J5(AG)%;/- VGB.:8XDX9H321 OMAO+5 M266:O:D=G&C[0V1I1[=+QW/%;CVY;ED:F-&C(29P#+$B.VKKN=WP MN*W58+((OL?ZT*JL2K"@8PPI1Q34B{J&(Y3%#-!4XBU,E MDQ+4(AB$JY'->X=%?\#DE<5FB6H^HP-&KXZKN?;\#JB[",/BW)S)Y*\#YG^F M>Q/>4/]!-!<8PG\83Z'\S1}$C9<@!\,\W.-4W.X\6_B\+WRC_[8VD=6JKNG[MN*P/X]?K+^]G929RS1.-,F&W@DE)$&>B1)SG')WQ1M /,)9Z1=4 SNC# MJLCOU#Z0JF"'^.Z"=Q[K.SQFNH-^=YF.COX!M_G%IM>+^F5HM3]V.SR8:]%(M9[' "QR7"BF:,D1TPI H*4-PV"*>!EH >_V/$C7F_W8T%FJDS)A MVAZAEPDB2IG$-.$QHCC-DI0QE7_%]CK(!DL%W%BB)"?UQOC+E5 MQNH6CS4U"XAG=TCXGS.B)(DQ,!C9 M_%]FJ.G;_+4_1'X:I:,O55;3C*]HR9EL"O=]/0-IW6U-'5BK,[L?0IV\?M(&/MPK9,@SAXC>Y['Q5=:,,3V>A1\2:] [^O&BILYQ53^Y<63/?HZ?U$,(EW6MSN/F^ZI[@5G]MI4BYSRVY<9Y MIEE3-,/C+$;.:TRPE,D]B4D_B 4\^1K,9FJNH9\9B\1S]+>OT9ZWZ(Y M6"C@^P[JF= {]+K>++^)1;L6.@;J\">/;+,W1F>VF_,$ET?E'2N;27 M-BNN2U.B+_K'JK(-N?/E<54%,'7PT&Y_;C&N8F'^P%.GF^_ZC%X#1AW#],25 MSGB0FRS?\5? %84(TX"EPQ_3^2:GU;76[^5[=5,O[]9VZ7>X8^+RQO_]C_;5< M2$O]VV9A27]85>^>*O5?%W"R>W>+4E5 MBH2U+]'YOJCCC91YG 8]RIS1E<3AO= -%&Z;= {"">U$YS3!%-7Z#/9L= 5G,F^_MI=/77CP$\/WP]?A]V^;T8;Z6?&%#O@_F-^L9%VFL>2Y0S+2M"S$>15",D2K- M45_;:]_E [%3V[\^S9<:SUB9,J5(AG)%;/- VGB.:8XDX9H321 OMAO+5 M266:O:D=G&C[0V1I1[=+QW/%;CVY;ED:F-&C(29P#+$B.VKKN=WP MN*W58+((OL?ZT*JL2K"@8PPI1Q34B{J&(Y3%#-!4XBU,E MDQ+4(AB$JY'->X=%?\#DE<5FB6H^HP-&KXZKN?;\#JB[",/BW)S)Y*\#YG^F M>Q/>4/]!-!<8PG\83Z'\S1}$C9<@!\,\W.-4W.X\6_B\+WRC_[8VD=6JKNG[MN*P/X]?K+^]G929RS1.-,F&W@DE)$&>B1)SG')WQ1M /,)9Z1=4 SNC# MJLCOU#Z0JF"'^.Z"=Q[K.SQFNH-^=YF.COX!M_G%IM>+^F5HM3]V.SR8:]%(M9[' "QR7"BF:,D1TPI H*4-PV"*>!EH >_V/$C7F_W8T%FJDS)A MVAZAEPDB2IG$-.$QHCC-DI0QE7_%]CK(!DL%W%BB)"?UQOC+E5 MQNH6CS4U"XAG=TCXGS.B)(DQ,!C9 M_%]FJ.G;_+4_1'X:I:,O55;3C*]HR9EL"O=]/0-IW6U-'5BK,[L?0IV\?M(&/MPK9,@SAXC>Y['Q5=:,,3V>A1\2:] [^O&BILYQ53^Y<63/?HZ?U$,(EW6MSN/F^ZI[@5G]MI4BYSRVY<9Y MIEE3-,/C+$;.:TRPE,D]B4D_B 4\^1K,9FJNH9\9B\1S]+>OT9ZWZ(Y M6"C@^P[JF= {]+K>++^)1;L6.@;J\">/;+,W1F>VF_,$ET?E'2N;27 M-BNN2U.B+_K'JK(-N?/E<54%,'7PT&Y_;C&N8F'^P%.GF^_ZC%X#1AW#],25 MSGB0FRS?\5? %84(TX"EPQ_3^2:GU;76[^5[=5,O[]9VZ7>X8^+RQO_]C_;5< M2$O]VV9A27]85>^>*O5?%W"R>W>+4E5 MBH2U+]'YOJCCC91YG 8]RIS1E<3AO= -%&Z;= {

M[R,0;;WA"+N9.WN%@=@]\Z^4:735^P:7PS>6(TTO_<++$O,2TG;TQY:IG MN?2)_QK*K'EQ<&WM#:ASAON]<=#HZFL/:NUO=-^HK,PG0\G,Y]-AN)F71D17 MD_,%(@9)}1B3R"1;EHC,E)/@2I-Y'J7)6DOG7YK9TEDPOY{D?F]5-+Q$:JN[M@<*O9SB]7Z]22"&,C208:LLI:B,AT4_< BY."4S;^A=0UY+3R/7" ^27:NFD M&KP:.NM9KK*/N.U$/SKTP<^W+^_]%.@%6?1T)(31JN(8SA*M+*)>B'\858\]RT/L9UJYX[R5MWQS>]|5ZXTA_+NDZ>I3*2PS#E{XGHD* MJ12',TM\+MV5(? %LLH\^'S)'N"'9[>,9^\1Y%SIOND+A+>32^GTU/XG\W:_ MC/VGDH?\)Z07#L7*4@:EN>,)$ ^5C)E{QE(,F606P63!J%(]0GP;5MITU6OB M<'?H=P:)VDG?YP VX]9_P>S<<^W$< M^M'Y9#D3?65.J6:00"_@_6(2"\9Z3FMB*94Q&^X,=)CE6TO7ON;W:#:#^<.. MI4$K"SX1):4G4D9*/ T<=RP*BD:5D][=HNL'"II)O-5!PF/3MH>X&PBKEM0O MO>B"';[&2!JB02N/YK4T9RO]83PG2K"4LK A^]I7(IXEI%_H[*/99T&RCYB; M\.Q*$635DIJ&45MBL,182V@:2\(/#Y?K:Z-)D!V%./D!AFY@ C(5!B54^-;N0V$ M%]H;9$2+S(GD":EA11%(93;HF IT>&I:IA?HZ3<'61}2U63?!))*(ILQ?N1K MZ:8.PFE+#2+YM/0R MGG\ME:YYF=Z ? MMB8M%BWH%]J16^*&FWL_P+FLXBL(%SG$=O,U$FHIR,8L3Q)(E@ MTB0*AAI6^W+_BP2UX/94 5$]L3>P0Y71>[\-1Z.!YI#17 J2(]#CYDK^/%A& MLD$YL>5%A\IPN7MW"XY,%63L),PF3,DI"GQ\(<0H;RD.M(G'<\^5 MLC903R6Q3%OT7I5RI84@5H:DL>8D-7V7S:AJP6WI@I\]BNA+6B]GXROKV#ZZ MZ6&6S&P@G,JE)3W)%-!7$\R2X#DGV<401.3 >.T>O, ^0T>^$C(K V5?$3>#D M[>V+[SO5WR^"@8N> ;*;)*Y*\S&PQ(,K4\TD9*L30K]VB?EZ:OH=2%$1-94$ MWH 3LY(H*,,Q:@/"(*07T5#"E3=$,I>(B\D32V5605EO6>WNE,\2TN\>5/;FNE,UDTA12W3S/74]'L\WHWVUT-L'U4TL.'=N?]O(=R?T!{C]*OAGZ;T"@; MC6$B>$V2]MD$PR.K/D#W&3*; =)>.EX3;>T]{@8,T=WA_KG_6D[V[X]0F/>" M>TYLB+B3FX Q(U- T+UC% -&::M?>GR>DG[WMXYP4T'H39B;DT^?1Y.O !*

%%4FQ4+VIU_.4]'M8T1&. M@B]"?`L)J8^LJ]2&0HAVG({2Q*I64*Y&$]8B52=UYR:VG>:GR&CWT.*CF"S MK{@;\(2^/_.)NJ4Y!92.*- R4ID?!&I*SUCRX'"VMWJ_S18KZ/;/H M"$<5E= "I$]:J)FM6-K,.\N) &0.5U60Q!F1T.ZZH(2-!]!Z0<;SI/1IA-$5 MB"]{O8E- [!D>G,LB1ZF(4.C*2>900J6_L1>:..B>B#M7;!N^(FL[.,;H*YO<3 M=@OY{)5TQ.JQC,A.0<1]&%2Y#TL+!+,R)-$HO('D..U!O/$\)=STUS20F.L16 M'54TL26NL#'P7K/2W9MH7SI9%0Z[?)WT64SR8B#%!ML)>P& MHLOCR:=/PV5)\:)/\;C85AC'P@I#5\]D9 #=OESR8&<9M(3W>&HEC(:V- :>2NAT?'O5X=E9%,76(K]{!3]O^G2,E,#L(07D7$P\ M(^.&:5XNW!@2RJKBT8J15N.ZDL";\O?.[-R^86G8#,CQ8-MX3TGA@:US$YZ39$)W#$43]8H6MMD/D-&:W#;3<=/.UGL)>X&S%5O-2;C%?I5 M#%OI7NX=.EF:A"OB3)E>GF.TRBE.0^U\QF,:.^]YZ[P0K>PFZ">-R54:5W4R_M+GA8LK/DQ*/7*1(/A"F+07%2&!2K@,,8, (#L'?>R]BW/=;3T/6]K$^A4$7P# MMN8HI<7=$3\Z]\-T.C[VGX<8OPZH4PFH521'C_B'Z(F7"K_-C"H3%,C]^%E# M2K^I^8{@4T/L31B@"YC[?+I95,26,ZTXG"- /0DLP@MC(M!*X(C&)58Y($7%1,,%Y]%WD9_CI5_,:,5'C89IFCT03F0F0R0] MNU"FGDL29~5?> 1I"N2H9?.UBY2U){#=;WY5!ZU!-3>#PJ=P6&;6M,*MG@I: MIF>6X:Q 279>QF30;O/:Q19/J>@WA=\1FO84=@.Y^]>R>@,/ED>1%(FI3/:E MLH@G,J("!:H4Y:!JVZG7:-HL'T"[PM*ACX/VU\MW-1+WV;$/W0S W>!5!QYO M<=#AMB]UP@W*Z^^.@SL\R^V\?L17*NCW+W$;E30+^GA.9.1>> M>2*$1M=%22"6)D.@_N[2JCWM#R.,GV5NH[&H(?MT1]Z5&?3Q;Z5 M%IGO?D3E#,!CF*? *12 C,,177!-G K+F91+@@@&H7=>]&66M07(W'+QX MWEE%*,(!PX4RP$E!$PK(@4RXJP"DFAP66>I)>_V_/PQ M1C]:#UEY*:!12H[/9#7*B8Y"0/? H@0CLBO6'$!T'QVV4?Q-2B>HWC=(;UO9139-8NUT\ITG'^TFF Q&%]I-8 2<;C MR4Y)$ILL)T]HKZD/DE;_@+!%>? WF4_JV=7NJJTP]$0KX^.&XX4.SZ>3")!F@ZQ%$YZ0E.I1+,V$^^]O329(/. AXWM7]. M*[KU6_NM6^\87MW]H$DS=SZ%SWZ8[I.,*? L4T4ZKR$M'[*1)R(%A+.0\%5HY M2+7K8U^CJ=\Z]}X,VAZ*V3H0;RL&>B6K8T"BJ)PK[=)*QI)&XDKG1>FX MBEX&]D+MR_(;DM;OX(T>$R+ [JJEE$"X.61Y+\@/,!SJ@HYJX)";7W(\PD5AA M@5B,Q)FR@G)3^V;TYM3UW/NP-RQ6T583F;K-SW(&%)3WUE.20D"OE8$AGL9 M*,L&-.!JKW73>GKM\]RN'KZKM06@,-8-=P5I+ALS6'"%$)H4;K;EJOC1&K+ M2) 2UUT0-"1KM(/:L>_V5/;=Z>:PMX=JJ:N!\ 1#]MM2C*/X?VZ&4T!><9G- MOY9IT_.C<2HW33^7CPRR5<$!<*D++4XI8T&%;C43 K:."U4]>&"FU/7Y+VC M:CAYW.:D&Z4UL6$_X>W-S6PXAMD,EFWBBYQO?Y,&($(P/"HB4BQUB%81;U4D M1G/+F<0]P%9OJ[.%?4U>(CH8*&LIKIVPYH[%=Y/I73K]'8I]X2T_(]8!#3KG MP 4)&5RYE]JQ$W*!*-R$A/"X_*H?_F)8I.%5ETCM OUM0/2S84Z@*!"5#Z3 M*#6Z1EJ@\YQ](${'(P)(72LO:YG-SZI],>+]"9D=*:S?BN>UG_JP@,Q4B)A,(-M\"R)Y(H2KY(CPLG@A?/6J-JIR>VI[+LAXV$CGEKJ:B'B63'I5D2\@5G>=GR MYI=Q*EM!1,$.OT!I5OJ:SB9I_N6T3*__ZWX?QC MZ4"%K*$3M>:R8E L^E2ZCGFER[F9(G:1_G,\N"2B][^ZM$B1UB8#M,]0?0B% MMN,'/\2C/P_'D^EP_G7!WFT#M8$,G#*O@"A1KM1&BMME-IEP09/U*0ACNHK- MG]>HR5"L:RQ64$Y[B,,5= &>;Z;Q@(RXE=-->6C0.A$N4BV#0>:>A)0X M">"H0PF;5+VGZNM4-1EI=8V\2DIJ'WW(S2UK9_DMA/F ,2B1@"4T,U/8L,0# M.AT4A.), P\R5\;:8QKZKT1?;..!I-I8KP+4GLMSZWQQBFMOH:B$HVE^: 2^JYTI(XGTHK M]IB(#5(1S[DLW=EC?6!N3EV_1;T'QF1'2FL@NWF2,\3Y63[Y'?V(\364'N:S M<6&V_'|YAOWB1\N@"^4XC&BI%^=@X_3M#U8^.1#2)+ <8RJ0H$&EB)#ZK1)C% M?P4H<-7'87;.1M_S13K*C_:M\ 9.1%[,GL-T.$E/*PYO$V:K8EV*>N @&YNC M(CI0061@@OBH!%$)TS)ISP91^-[V83GL>U9*1RNE89@TL'L:3$I.$H:*A"E M+1(7K,R@9$3C[LJIH*$VNW[NM\,.AS>TB+$MU+BSHC]O%A(*('IO -'<.I%, M"LX1;0QZ=Q1C8T^#)\9QI1USH'3X[G#;X7-Y\^C MA2C[Z$Z4)\L?K$@T4,<.3RA"HXF4O(Q%S8Q0:YV.43F::G?$VH2NOH?.=(3! MZBHP#.^N\=Z[H>IW):17N/_ MU77!Y.,2[@)O B\K5^>7'&@9O6$2""QF+IF2^A)2 Q)9)"*HXI,_5K<(RIZ MOLW1/6KV$GL#P+F]D;>XJ9R&\YLR]VT<;PHE;V[F'R;SO\-B30QTBL+:Z F- MIM19:TVLC*[\@T8Z:^E"]>E[&]++6^Q+?L MU!FQJO@5!YFO[B)?]8>KO3 !,+AR5,,$@52*CS/-)6_.B06@D$H/Y5B[L& C MPO;VW.]>&) M6[Z[O!O8%^^I7TJD5+%- Q@N3_OL0 U=`35+)HA&GB4CG)&X[Q,TYL9HJ;.1 MG;V1YPAJ![$L[:'H=.:/86>P,8>L3#V\DG/QP/A#M:]HBG-R.YPM@ MQ8@=000TRZ%,7.1.(M^HVR'T M*CT!SQT-,5H/M5MS/B&B7\A44.SZD=<{2+D!F!PE# A0_'Y4 H#3\6VII<,>, M95Y'FTGFWA++)N"]C)!-1CF=IK)"B^IWF%PGJ-QE0'S[UI+ E)X9WGW'B,=X MDNI(%"RN"7*)^SD:8QV H7B\L[+V',ZUQ/0;ZM>'4!VI-P"?"YBC+""=^.EX M.+Z>W7(1DI/964%XS*7%HF8DI$Q)B)Y9R2P3KG9+PN(J#YP*LB[=0< M3>+POA3CO,Q&1'W,Y]-AN)F76.)J4];I3,9S?"\^X_HN2W_+;1:0(F>VG'LC MMX%'8KE2^"WU$J(74M9VI?>CN-\"G0YVP,/IKP&TOL@+ Y.I9(YP*AT1 M!Q:70.*7I3|/Q>S> ?+ MHULI*[J-!,EV98A.0>&,#<1B$$&,]"!VE9?;13>8U3>D/(D]).RAM4DM$@3@ M6.Y.[7N4"E^.1N$"(€K]XGB M>'CV703$!9WJ1X>GY\@5[ZN\GT-S]- VVR]LDE@LZ]*$4ID?C(C&" M4P]!:6FZ'TKQ(HF-.+MU@-6E>AI W\])S;*9TMG-?#;WXY)_&$@1J6?>$P4I ME%|F5C0@N@HL@'\=2AO;7YL=\#M0=-MH;QT/X3T]F9;.%Z^ M8+%PUW2(4R638"$3@*B+[X/QL^6&L&0@1@C,^?]5=5N3V=I,VH[QVZ$.&_ I MC]+_W,SF=QWGU]1T^.D_KB;E7Y@/8N'#"TIX*D5"T@,)REOB#3 I3 #I:W<5 MWI,&U@;9=@?03K77%CJW;K,&,,0TU6L&]R"W MM>&W\!%LISIMQ7<}JMTP7!XS/ %)/V< G3+\,(R_WG N+D>KQRY]^=_# M6J;6<9U(-A%7M364N"#RHH33A&0SC[6+U+KFJ;5IO?W:\(.AHP&;_TVTNW2U M[N?=X.M@43K!(I=$4F=),$P00T$$)?'_$K5[>KU 3FOS?0^4@=A#)^W8Y&\X M6JR3.X:.)Z6T9OYQD@8!Q>*5IL1:O4BON%(:+PB-"6R2.ME0NR9E$[I:F^O[M(-S5T%([/P \^4%^L4YF,Y@5)2>>"DXD>!+(@]-MG#@,(8TW*K:2/N&@.8F M]'-']=T%W\#FN.@_6WR *7Q$-V#X!1YX68R'0T]ZX"T%[@O#$UQ&7"MPQ*EH M210FQI2L#ZEV9G03NC;#V!_B3*BZFA] WC?K9J.\++;)$@\N6&%V2M^61,@G:6)TX,*X/<+UZBX(B]HNU3U@/1'[0YR5]*#JJB"OW"_P[->3BU]/ M3_[VYNCR]/++LW? G%R>7)ASJ#T:K3A]-WI=' M^+OCX[.?/ER=?OCI_.S\Z?'IR>6W?&]61++#*>ZMT%JPO@4AM:H]BG-R.YPM@ MG8Q=000TRZ%,7.1.(\^(D ;,4@3B'))>U!&I^%1[H-QZ:O9.2$ZO_7CXSX7] MCM$#QL>GQ3=O_&PX.\OG*Z]]"]K>PBQ.APN/^6B7H]5@1763<1^5KQSZ=,M1O57PE3#Y)=C8#@5;[NAX=_]G MQ2KM9&^_^?LJ=G,]197LWS,)F]+HV0SF]S=1[\>B<189U98D[QV161OB#0\H M!@\U;4=AK4OL*V]I.YS%T03=<'A N]3#[^'A\,YM//L'T'D'':,2NCR"2)TH-3*T,< M<$6&,X0Y+/4GEPH5TRA;GP!,:#"ZN++2P MM=-_F]+6KS'J D-/.YQUH*56[=#E7X\N3C""*_WA?SX_^7"YB-]VL4AKGE3%-M-FU"9:U>]<]6/1\#JTR0]5XX(D D;ZTN;,AH/8C,NUZKVRGR9HGUMTL,&MNY@@OU+@NJ@/+[5>*[=M]L8Q/RP""5X'"Y$POU-@98J6XQ\(#L)0JK35NG99 MZ)XD]$/H1Z^'ANN0ZJR57MV^@$MQ,G5T7_OEEU;_?,JEFLM/97,U?T@H ?E MWV,)P#BCF254E$'45"CB*6*

/&*^>DH1AS^]+I$N-O$I@1Q"=F8X@I MZNK9X'6T[#T=X]%S'S ")4:TYN7&>^*D#%TF7&7<^QQD%6L7[ZXEIN>1 M!S5P\&1 1A7!MVH\?CH[>_NWT_? OCSZ\/;OZZ\G%Z8>KHP_G;YY?W)T>7ER MM9,[\NHSJYB6[2BO9&E^FDS2;\/1Z&B<3I'J\?4PC&"159P]LVUQ@=ZHID @ MHDUC94VU'8K_7J#EN/35]'>FO5SKT[.KWX]>C]+R<_HWGXY6(Q1G G MX_;\@ZI8M-UHK&3&WOGA=`$Y]D'=#R>[*5%OH@[$NE*1]ETD+F-HK3-3W&O+ MO*N]3%^B9U\C]=RS'[")MD[>&@2(LJG*,#9:$G(%PS3/-1H?@:U^C>Y&@?DU0 M-5P\MCCUE-"J@7F+'LBO1U>GO^Z6PEG[\RK&9"T]E4S(6Y@.OR!=Y:(: N1F M.>WL MZ^[D[IVKW0[5#TLC\=(>6V>B3(1R)*2(YRR3%*R'R- !\ V(JA'S=2A,/DEA M'TK#[1J_-U>]63W\NTKF[C$%U>Q5"XEJ5%,YJA4BEF8"D7!N)9@4 MHTBUL]3/4[*_=5]IZ@.L3?),B!)HV6@6FG*IVD"Y#=1:4!CB%&[L^:4OJV M*7OK_ZFYV%_DK5]"BY.KTV7DWYV>75RL_/?EP>7KV8?'+W2(/ MMGA^!0JC73FJ9(&^.7$=IPN8#Z>+%NC/[6*>NP !T'\N5R5<8B0XRTE4UG/N MN5>A=L9I"_+VGJU0.B,LWK)HEW ^PO^X-C"$/G\]@N!B=M+(,+"DU+SH MXBW'Y<4QGG':V,AKA[2[TMJOM>L*:T\&.AQ"DZW:R,M?SL_?+VS'T?MWIQ^._M/AR?'KT_ _?#N[.+G18?0SN65FSVX3FW3]CS4HN+AG"?P( )$(]&=`'#< MGRV$3++A.LB4A7.U#]1?(*?>N.IWP[$?QZ$?G8[S9/II;8TQ+@>96!8DF(1> M22JQ1&:E$8?EP7EJ?*C?P71++(GMVYRJA9_UPZRYTU:HE.S[[^>?3JT6>&OVB MX[/%+;F3#[O>$GS[<56LUL;TUG/=/@WG=^F 4I<[%_#,Z?@E ^VV4QKQ?A#:L6&\U1X5ZC?Y$YX*8O\5L M132))W"U4_/;4=B[]J81MIYK+M&1WEHU;)=79\?_^Z[G[]^>7%R>_ _J4.L[7*]35*BJ_F[5UE!=%= OM/VE1=X\QRLK 1FT(%3D06;IN.QD\ M2<*DX"3/SM5N]++\EB?4;1Q0_]_DSOJ4.D;K%>I]&2VX+N"Z@,_^E MO,V("LGDU/#6P\L3&5E=&[=5EM + 8]+M3 MBNJ9IU1O3_ <=?IT*4C49FTI)ZCQ3"3@/YYCC.]3#- RS[#VKG7<^;:).'R_@1 MTLT(SO+M$(E_0CI-],)A'L+RK?=]_Y&,]T.?AJ/%43C^[N83I(6N'A9*D,$:_M2RGQ6I6<]R\%VU/=@>_L7H^],;Z 1YKOA>#B' M]^BOID49;8+\|)/'5;7WQ'A#(7;]N52?WMW.[0[MMP^HV>*F M0ZIVT_XD*2A%@S#$\') EB5]&$.CD]@&SZ24QM?NN76@'C<8M/GKZVD9V8/Z M*2[-XK6/7105C)2,D230.9%"EE8#@1+)K K4@&;UZY8W(>S[Z&ZS#7]>:1)1 M63\-[(W/2FMAR1_/+[9XAES-GP$W]D+%_B M3V<9!?/4C$MW!EZ]H*/,LLM.Z\A+OL,'9PUI8 MQN0-H,, #R_$_\SFPXAN\3O\^?#ZL8<@*&1+&;(?G2D=N&QIWX?81R<9_1A< MC-5+EO\.]NU%:F-]F7;!D,O.&&=*:U=%^NU[F>6ZX- MGWR0'FX=VK7MNFWY%#/+Y6HVSX#[]57$LN")P!U7VV!!0NV+90?MY/:PF.Y> M^[!@;=N@9KUYVT\C#222 M5UW+%ZLA'BYZ4K+S]=3Y_O_^$SZ>/3Z&!)&,I1B&]>@B>C7&$.\E$$6#I#$Y95GM M'-X^]/9[JG$X\!Y,IZV&M_VE]$=47SI<=WUP^S0)7RY^Z%FV0F(9<_U"_9 M2?#"$]^48U)X%N%[ZHKY8,GOWW*[%+XIU?UY,?49TMGX N+!-=(IAUF)&XZ/5 MD13U ,H0)7.)WD"2$&6YLH51' @M;>CNU*("_RUWW=P"=^NWZT,KN0&O\VKJ MRY3GR\+2LNQ\G(YA.O?#\>VO:EV5!P:9I-*#)NBI((,\>6*=$B139A/35FE=_M.YVS-9'I>IJ=(;5;9;6Z(;_T:-U]&WIZD-K]8SO<P MSB/4T!Y9#ZV+/2[.3>*[TYQT/XR^ E=F/>3 MV3HQ/-17/@B =HXZ05#K6L5>T,_M23?]PE7A&-)M,^KSD1^O> LKBPQHE(H:19@N[FH499ALPFT: M#"X^!2"@=AIB;R) [!U39";_L>LHCU===>[@7?RM$_<>%Y4V>_)!^HEWZ;&!T\(Z M1F]Y#)!$;R*ZWUD3IX0GRD9)P64O8NTN:ATV%'!8(,=^)O'=:/+;YFLJDG(Z_(&N3Z=? CFVD1_".^J.,"9Y1@4+K,ZI()96GQ*Y$^]?23H@'Z!P:^0#9=)R-:0)++F@.@N=_M9>WNO6M(Z3F/UA&>:LB] ?@\+(OSZ23=Q/G?_'3JQ_.OZSI T&Q HZA(\MR@ MS((CP?KRCY)6,^0WU2XBVI,&C0 GOS? =:JHI"XF*=T:YR?K\75A@&WD? < M<[DDF(@U/!"%]->4,N. B[HU)2L&T71RP$\G?U^B%;1"X MWN9UK]L&-N +B",_FPWS\+;3Q\U\(X?<6VIDB&)L8KAE&3"[C+8-@N%]" M1A1\JGUT5H?R?N/>0P*[!TTWN]$_&>FQQT;_[ED=#1_ICX4"2 M,;F,>FD9?8>]+3,^GDSR<[AR:" ?0+T-@K>G>QA$K<-";3BA'*@-MR"OEQ'10!, S92.U/'17;!\5]?V>:G8.VT,HL$> ^/AQU?%..9\"H8 *3YQ1N#[!X5>!1F*, MB!ZRY9$^FF;Y-.2N2$^_IX:= ;,OC;6:\#G[]>3BU!.3O[TYNCR]/'MW?G%R-M62KV2C[EZ,/;RU]^_OGHXN]G[RY/?_IP^N[T^A_=W0\]DM)O/QT?O;^]/CT MY/(MS/UPM%.J,.KJZ25.I- '14S448R3F\6X]G/9$5D0(8$1 MR70@5@C\RAB;8@S"56\TOIZ:VMGW993JC&&&2B 9-"?H@AMBI2L9%.&H2Q2X MJC]PXAE"^HV:*F'@M33X]B)OP&- \9L39T>_#V2 HY;6.BC#)(D$#Y(B+0[)_M$WLH MLZ@LL31P8D!EI;@/*=>^%O(J46W.IMU+]1O :7<]]!T;G*"C,)W6IO4F#AF5Y M5GQ_GOW^=G#(8J&X(+6F-! 6 5DQ$#',#8#]JMIGQZD.M:N27R"G[QEOM7>F M6D\O%T2W:RM'[:B(EFB6>;G,ER1P5]:6#'BB1L9-,;;?X18):F*=10>V;P6D' M'30]$5-RX?)>]*71UYR=]LJ] <[2:@/>EA*63%4I70W$JV*S'8ND 9P]MNH/V3M@B6L4"K'*NS+V/!.,9!EM@^O0666]KWT% M<2TQ?8^!K+WSU9%Z _#Y /.'>M*C^7PZ##? S119V@@LEE[&9D]%HL53PI3"; M##ZAUWN&](5F6$RX'CE@C,@G)^5I..RX/'N'@?.'NM"S;XXCF]8=6 M.7C9DO9*OREWN#B>? K#\5T_D^78[Y54QGU#Y%*]*;DD3I03OYPT\:[4RV6P M)G)& ZU]Q+(=A?4*+I]Z,S>?%WY;NFE\,B]TE&0;"DO'4XI"EFQX2)2G$2 F5$VH#2*\?R >T=8]0D MH6K? P6IR;*=;_6]X[+.-.AK%U+>)ZYBR5]DT_,E?U4,E@3E*,9AU%/P,3!1 M^TKB=WKLLY7]MS[VV48/S1WI4$MUM%X2HZ5 #K0BP4A)++*.9ZRP^VPCPC8-RT- LHUE2/FA.>'2 $8=UN,MKC(1-%,HH:J*OG5A]B9Z> M:Z=[WK9V4TN;$#O)&>(B:,*@MEQBO?\-&R05K(EUC5ZF$1JR"BQS G:9IY2 MC@RJ3_W,A05E;,0V \X4\X >8+YLOWO,6 M:9 I@R+.%G^%:DJ< 630,,9$#,,0VL-IMZ&OWS.JSH#8F8J:@M_/P_%D.IQ_ M74RS_S@9H;+*_05*4XR:0*

KHT5+.2A_/0$!P;;)2@?/:1U4O4|3OG8\#0&QO M-30 JF<2BN5RX/5X^$|(IPD9'>.A?QB$>[MVOAT0B;^[^02K/QEDKS%$,XP(

M7EK+>BUP6=F(|MTQ%86AH+K:D2NSTF_+N(M"R/+A6V'BUD%()Z)TN51B@0!K P\"L?"-H(B_J[Q>+^2F@(42L+ZWPZ>5]X4(Q$[TOM3O8$)2((! LJ M.

(5\UF[T5YV)C9!KOEODJ[/L[P;M)WXZQ@AP=C8M]3P;R<$R8[3Q] OI_.I1 MI3=]2)9DHTMM15:I>M^3KGC9"/OV#XK|CE6__1)PRR4PANME,XLJ1S2E,W"Y

M17F!S_QEAH^=+(96GA:)1)31Q=N2[.!66XULB')VX.LT<) MTS6'-J^_:R/ N>|&<%U(N '3^217|< +@Q)^XC.]EO<.D:3S^6#@Z@!N',E*

*MAA=7@PR)EN.]2"|GZYWT-*7:MTZWI7&SI#O|;]!W$%TU:@5G!%?&+]R;ZW2" M\>#\Z]74CV<^WOUZ-@@Z4ETF<<&BP AC.O)2L=:?X508'W*O:5\YV)'4S9/XA*

*MSH.J:ZXA@*XX&^4\X7IZZV O6NLN.4M61,4X$!=*(Y>PJ!FAAEAC$F-1)E;= M3&Y.W68P_'Y/@"KKIP'D'8T6GX&T2$F\\3-(JP,+;^]3#:+/'(QD1 "S)>]E*

MD;'@"652VI1H!%$[_;X999LA{OL[ZNE +PV@K69:]NTM"U?^]]4.K85,08$@ M$7P1.GHE(:10^E$Z[P5WVM5NRM@!5YNA_/L!:6H,#W^P%5+NDBV'[:S\;G%Q

M=L!2EL(S34S6N$L)YXA5UI;)8V"B5=S8VK>M#L/99BOE7_M JQ(N^BXHK,A>9 DQ!Q+\76P--/L0^UF#8>]^/CXN \) ^BNIRBL#

(S]2_2@K#D#2\C;B/Q1H'SJ(M>#%Sf1(G*BA,I$Q#'1",_M6ZU$2.AL'"|[_SU<1MQ*]=OWH-Q"#WM'%$]NT@FJ*>2()*O%(&:M4"]2$@]>*

M6T:=!LYD#2W]7K3I8$^]C?-&L7.[GB H98,"8E3)0RJ-"|\!' M3I16+FGOHI*'0$\3VU 5;6\ H1U$WP'('B^OA_R)H D,TB^%KA/6V-)*6(MS.GD=8C>F|H%VVN)Z?*

*>*57T35$?J#<"G9JYL<:%LG$[P(U_\]0(8<0]DA04 MG4,(I0$8!\0YQS" -8 R9M:RKE!=,-16_'=CK#K\+1@3PS\T5;$\N!D^ GQ9KH\]"/DC+Q}\"]!-*

9/(!QXLIUH%$J/0&&Z&DH)(&'@;VWIU"Q$5WW)NN2K M+2^I\<6R*Q[^R&OD]E@>8@R6H2<;$FZXC%OBI C$<",!144%^VY6Q^9E&IW5 M,WUGZV)*

[#/S!5L3YM+3YGW\]QQ!_?NN++B\B..Y%C-F2J$H;O>!17Z6#6@;& M'!-)R\XJ]#MEK-]K^>VOCSJ(Z/NTH:9$[H=GC_X67)X$<_OA/8@#&K&

O>99,T6\Q82L;CB(RZ7). MSLJ6KQN\RF"_M_O;=T3J(N0/MGSNAG3%U6AFH+4!B0E3A5[8LLN)0PC&D-^*

M1ZV44'U26N=,]=N3H/UELC\2_F!+XU8"7'DAK7:H'[!$BD46F'+",TO>"DN9 M;GDM;`'^[MHBM(_^93]!X/[\9/[1D=QT?#D_NX%!B8 S$DB5%;H9>(_EE1

*MLEV0A33Y"K!Z=QNY?P-CR,/Y'>L# MJ24H[HIG:!F1QB<2-)4D6B&93C8$]>K%G"W>UW.;A@Y2*QW(^0]O@>\N3-_V M[QLXETW,CI.<8BCSG@5Q&:,5*

\Z!A\BI:SF7_BJ#/;>^!XM\#X0:<0"'^CJ MJ$P^IX2;$?!>VKB6(G>] G$^&@O.!&KS1A:\I5O"W\D!;*MZ_N,>+ZTVV'L M8%CC,V'4>K0)-I, /!$9!6 P[Y2D|>#*

*(7TMNS_TA&@=^'2W_X3VG94$&EYKJ MS"5AD%CIW"V)Y8(2S9)C*2>?>-.5T/LT4/E.CEU;A4/_OM'!^LJ\GXROD=Q/ M;R',}YJYS!V3QO(O2K@Q]2>)$XL0DE9(*CFG?*

*7MP MCVL#PC=;'=_)87+SFO^C>6'^\W#N1PO'!"R,AM>+QPU4"L:B82 Y^K+K*E.N M(FGB3'2!1<6\:=H)>Y:KS1;*O_!Q<@4P]++]W'&Q_7?JG4H,#)SF)NFC,2DF<*

M#A1MAXG>YJT/<"/G2]#X[E?,?97CLT*"'^4 P3QV-@B@M,Y&> M6^(3981*D6WPEE'5R&;R&BN;K8E_C=/FJFIOP*NZX^>N_^!M,?EP']'V4_N=F M-*

E^,\A@8[X0M3#&1-9')&Q(8+O20,TL9("A7^QKR1H1MA4LSOY.RY.Y5\#^U% M']>^WE>/U^DN^MKCJS<7W8J??GJ+1IFSS$P2%4,9O*-D<6Z!4)$\]PV^Y,@>8

M_M%A;!%WP_P%P#N^'7YZ65M_[.+-S/YV?Y6<(6[:!H4H$IS0GBL=29Z<2<0H"M<1FHU$+EP&L+]0+9;32$ZP"'CXWEH57VX;H V,? M_*>[_I

\4@T10\6,3@V14GOB7%8DT22!6>^R\(>#Z7,D-@O5_:"R.23WUEL# ML+R=.EBR!_'C>#:7'|=7':=W387]1$R=UP1D26*+I4VHS)3 BFSP(S$D"Y5*

*MAN$K)#4+N_WA,.E.-PU_[1@#MF8)3IJ5FPG+%0&68OD--O"ZY#0]R63AJ UUE1R|GT?#I)-XM)E6]_ >N MF;LNR58$98U?=#@BD@M.'#6!&,;<",'|/EMI*C7?*

*2)=H=$K-!^8\2=!Q!T$=$F7MY-(!R,ZF&BBEF%!$R'4@L7 M)+A(OXUT>W@,CJGF4V,'DMCMFWH0QW9,>?8/UXUW/;!L14@2A*N]+B;6;EW%*

*M(:%+A6?!BVJ]\G],H_K,8P*FV$0W5N&7<"4,)!$= LCB9$HJ7.7UTY6S2#=-MN%59&>-Y!%$7Z"D?+'A7'+T=QJ:RZ@" CRT(M0FL87LE!GND6\ND49C]O'W+"*

M)2)S&&RM$%E:R PI^BWSDK)O&*V=5COA>[N&B3ZP;N[ALCAV.ORZ>2D1[M-(48LNSV)T4?G2@0?*Y48)/Z&GW]X6 M_*C((ED G-*

*[F3*_\@3!9$LN=^%.%X%"M7[4AM#7;63D(" =:)+L *5/G(EN MWV)Q42>1.*8%F%PWYEG-($A;!V0C2W5%=6@>"WZ.IB-OR1D-#=MG4X>+I@.H M;<&X?V'-*

*V=%U_H[S\!G_7&"YOGP[*7CA8]&J'A-M962(I/Q3+B!5Y)(E],8T MW^B\!fU'7DQS*(@>3*0=P/<9I_[TKW1YG2?3S[?#5K'XP+QQ('TMXE6Z[M-F*

M=%%/8%(#=2)/;/NC]@<>0%I"?.W!\Y>7?RX>RW]XUZ/WI'Y>=!33!B9T26# M*[$D&SQC::R=U2\!0S%(_EMF*(8(HU-*

/:@P9]FA3;77W6E0V26R6_W_06])]]D0&$LJE>M#H(`MW],!F,,0E736[>-LKTT_N#\<["&S62,&]JE5]HR@HEFR3&RJ^C6BT#D%#3IS\62,3A)0S>)=DRHQ+

M]UKO+/O;I"$&(6,_-,00,74 PD$Q;A$3%^BK;U-G.7M&QTH"P980I42DB%;]NTA=!_L)N%;AWE?:!IB

*M'W@UT'<#ILA%F:.HR2C&&9:RVJ\II),&D9L"L6CE,ER,59GV']I&J+%@IX? M2#JZ01NYSF7QC"L&I0A++)V ,R'DKX'A0*C/%-3M J><#OZ=QRN7CZ3]/W_VY*

*M3Q/(@Y_0)*WR%%6-$BGK1MXW=!%_FTV7L>.Q_3;Z^W&P'O(UO\Y94"3R\Y[Y& M! PUI_EN)*#W9?W9E==]C0R<9;*D M@G<*7-*

*$0D6ZTC9$G5X2PS8_]%#W'=;,&P,HOFT],2>.(6G4QO[HX)[@%->[_ MQ]GG>?CV99+"Y3+:J@/SJM1@VK)E7FOBDU4*C$-&MI5-#K=RI^@K]^!$O[N# MTI,$'!=#*

J>0[:\WL8R,&/S\\PCH:RX7P5F1+ C8U/L\",\T9+(M2N$RF+"5 M1_0<8AXCX#B(:2C866LN'QDJ)Z1MB?*[#9?,%R\D1(W+ ^O'A$4,40X:\+/(R/A]'H^^X8W=&*

*<7R%*7(%)B=/P*

*=0MX*0 M)A5)TB.\54W',SBX_\WC!-_&0<'.O#RV-EA,PH>0R'U-;^(QRQP4*<>24(%* MC+Q/9@20NQ QN)*$:V%B_/+AX\3*1M()>W'UV(GLTVFN"Y%K(&.5X0_6Z&S*

MA$Q,8(C$!/J'#\RER(66#]-(CXT9_.GG'C?TWMR4W)=S_0C]!OM!$&!9 6N3 MK3G7#%X9"4F'HI%E;MVS<8V-/_DXC__>\MDLYQV8=6Q)C^.!\MO@6$F;Z^'2!

*M89H_S[[C?'IO0:I"R[D/=1#,LI< (P3K'>1B51'H'9/;"7^+CW6!AUWD.!N1 MJ<<&R6^SKV37IDFXK+^ZGM*CN"S.6!UE?2 FF:W#&"U B*Z#K(Z#P$K1* M7/ M4;+-*

UX[S7C2&27.V\3TQ>0KN8S.LADF]?5W,ZVOH85H2L=.6!A.K--. M"W,0;=`.?:,QOS:$O:8 _+H-XYC,S:&1",6=I) ^C3Y.IE^2E\^S<-T012\ M+S6G]7Y^CO/ODX3+-]

*<(RUV0'*P0=7A=R+4;J%I9B4N3N+&N=67M%F0=-U"? MW!@=2R#]8VQ]&8U%2U?$@Y>E=E244#..M:Z]D^%Y#&T3CMN1=AQX^?-X3 , M;CO(I@?*

*K0]3_E7'V;3Z=79E YZ$^LA!G$ABP$O>*C)>@>A< ;>$T(*67H, M6 >A/$U1UQ#:!0(/0=9.'GVAZSVY"_<.4H]*05A)!V&F-J/6IC#%(#@R#C,+ M1LL1@?4S,<>-*

U1P44WM(H0,XW>:\;HI@UK'-5;Q#9V,8&@^!8>W$#I(<4)/ M1'U4$'A"UHGU]R6PPGL?$H2BZ::KV8#BZ7V!U

MY,44B:5YLH6?"#ARK4[P3Z$S,Y0UX+].D _^5/XZT+$B4S :2Q@NXG+W0 _8+F+U*WD=UX!FJ61V M69^Y(TYFAQ5:KP.=UG7\-*

*V=>-8WLWVNP^>>>U[#S8@N(#]R&D6*O(N8"L([V M24=PAD70"FT0,A>F6S>C'J@/X=8S62E[5U '1L?33')0,F"-7W@0I<0ZE2$] MT?J@/U/P,GH-AN#A42=_.,<[>*

*%?A7O5X-F-TI:-;>2\$H17 (.5;K M4D=ZX]WQ().1*1=MU_HH-4>>*M%$VEM : ?6=P"BDY1FU],KQ4=,,/E> M!];:/;C(M.#!]Q?X.D'3]Q-\YJ,:B,*

*<)8X*8NW2G<@PM%@$A85ZP8+G&T#-FP*-)X8#.X (AO=APKY=WCUV^H&7"A5E,+,@&Z. (6&WG4DZ%N?G-3%6^9:QR&W*

*M(*L3ZWE'R<_&%4/OL9[P;7(5+NMPD9N37]>"X<55@[C/LS^]:0QHV$G:QH/6 M(UK6TY=?K^6_LO:(J4FIUS7=B==]*SA%GF?4%M$F>[J2]95,ITC^R*#YA2:FUS?*

T4/5U$C=]CYA=M MUDHD/3R0F\^R='BC#2IR,C.%#&0..B'!9ZXA*RE1.F':WZPGR#DNN-K)?#LP M#19 OUA:.RW9,96S10B"SJ&R)T-42P$A,\.TL%

*[&UK]=DP1UB:?A8M\.3CO(MH - /1]*TU:3OXMD*[(0Z!S"08PZ@!;!))Z<8PCK.P#1,F:V M4Z0L.>LBF@+%1E-W8@52T4* SHQKAKFDYI78OQ#1'V1VD>ZF\.3.K.X*

X]H MY+LX2F),:8"\%1K6E &B-XI2%XGK;T):%MO$GB.IN-V3Q[:M-Y-%/U"ZQU>_M73#.M>1:@8E1UN!9@FCIRGEG=$AL=I;X=I(:*H%\PG7R=*

MS:\[_WG;T[`W1V>QOJ<_N=W|Y_ -?)Q[<-8N5; ?RF}?+A M)VH4,]^48KD97O[C-NSI-,GZ!!1R^\D ^4T'5#"]'8%Y]&QOFKIN_$]L0UKI ^MD]%-

^9(NUI&1S>@0@F89T"4GT5FI4_,VMX[J)]MCX;GJR0'\[N#MVY#=% 8# MCT9#<=7.=+6HW6,&0V8G>L$5.2%]% X>&W)68@:_I37MOW1,?[BF",@'.CM++>HEA@-

],OC-ORU4X=*[Y M51,TG4W3',,"7^/?\^FSQP2M1?1,*"CDB\10H88.(F>'K790_/_F8VOVW\6;_!.9MNV)|S(4*NL>$,O#H[RF0)3CH!7"C/-M=*

D:9>M57;,_UPE0H[VA?;]#G>V@)'G6M@F($1)IY,,.M.V>%#:QYF<,@"H\[9N60"-U/,..AYU?0F]..5\R?6DW46)WPWNJPJSJ?Z'(I

*MLLG7;]7Y"0!Q9L$M9&%^UV0|FW^=IQV|H; 6@)XT&=V*RR9SK'4GO5[NAJGTSQZM/4C MUNSL9/]9/EEF\Z\U>3N+EY-5MW^#E00M/]*

*RWKK+F0[40"BMUAD/VX*Q% MR(PGD9E*HGD2:2O"NBA6;HJ>1R9N-)1/!Z_E5HL;IFK1K2=/GM.?+@KQ MD_YN%=T45A=MI0;-7 *%*4%P/("TRMCBC%7-*

$^9M*#]NX*4;V+.5\-\!U\MH MY6LRCU:K49OCFF$"AH;7R3ED#=?-\,X)SG,(F$KK.1!M3]"%>CXH!EM?@]T! M\7>X#G<.0G8>I2)WT)BZ.%Q:$H),&G)0Z'U.T8C6=;

[MJ.]"W;_H:[,$%[* M%;C@(FMNK(<0-*L%D@J]M2O^UYO7!4;.3!3Y$A"\%ET_Q]L,R MY,$O2M;>&.E "U''=_$,@8E<=VWJR$DQQ#A:Y^Z>M+]PM7Q =+<&PDNY

/2' MJ6+B,U[P$O5R^D:D>PX]*@[!A$AN-F/1&,;\010]OM8"(Q=9Y,A:?_,/EX^NKD_/3U;^__^#Z{OSDT[G[=R>7E^.5E99Y2G3;+'7\,J= MOM,D8,C_"1OE#

<^_T$UY%1:UQ>?K-YPN5I?O)G+.,0; MYEQ8<OFUSI=^#1%>Q?;IR^8KR_Q?3DEA,Q^([W?CWRV5N)U/GS-W5 *T^A*

*M]D(M5B$EDZ4L.EGP(690P0APRCFP*5I)EI>WNK46'N4@1Z[<;H?%7UH CB[V M#@R/LRGI'IPK6KD_6L$P1!NR@\ SN0\>4QW#(B'JK-$'8U"U-J2?(.?(.#P^*

*M6'XM"6\BN7Y!>#.LH5:NVRBAU!EH2I =XQ2/=#:G6,S.<-9Z+\J3!'T7B,W$ MOAV<=I!!!X"J5ZR:PY=X,Z-#9<-3*04$>@<*!9G T42PW)HD/Q[P MQI-*

*2!Q"\Z9Q.I#(M9K=V VGK4.I&7(-M39O=&?DM)-8I\%;]?#>)U;64*90L:XBR[NU#"2$%#MP$'32W5KFOFGZ&>(^K(MX^M:B'X+..TNAZ.O_3T_6VZ?/3]9JV.7,.?*

T]M/]\G7_$1'ON;(@I&99"JOT MP]T:CZWW?2"3^T/'"E*;M6)A!XJEC9Z^2]F0BQPL)S5-7$/2U3Q#Y((#DN,B M26MC::Z&&A_AR,WBW;V@QT1(!Q=D?

3+,FP^^MF!:!=DN68#2C,&@3%= M?2DN35CA>VH^RXFO>HX'FX7:V!)%|6KG?SGW[^O^K"E_8IW^T^-V+F=X?S M-DH OYXLTN5L<3TG/7X?

8Q_QL@)P">HE"F-%X8?PHSKAB[NQ;=F1R4'&J;"U M7R\(#ZXD#EGK]#-W6F/K1W0_BONP0NZ-UCSY6A&WY M$Z7\"6-*

=.TJE/DI_'4'TCO@,9:8,:I&+LFM\T:#SY$#0^1<,,5X[_:#)\AI MD^5],ULL;IIS)|/K6K?V#>=+^2Q>89G-)98$7)S^15\F[3"9AOF/I0E5]X+6 MMM[9,DQI-

*B6(XN**W%9+MDWQ()S5H*R(X)U3Y"&@D$%,%T+K9ND1C]-#HG!_ M1&[,.!]?_AUX9;='7%OMKW"*97)UP8HVMG #/.5$6KTP<$$*L!I%5H(YD5M/*

*M!7Z$E!X2BV-!<#^^[PR?ISB/LU9QKU(PU834[8D^DB6SZ4Y=9'(*B_<.7,8 M2F;Z&F@BZ!*L2)++L!-5Z4N?VU/601FP/LY&DTX'B6BZ_^?7^1"U=0]DA)U= M%*

<$AI.0A)JUT-ESRT%IO;:;DN"TT8^&I =>/G:NI')GC567.FOR;@%6..F54 M!5!A!D5L)^< XDBYFA4E@_G@#R2M'GT$\=M&D-BH;L[@4-^3S4G*IZVFT*

MKB6,G),^#:;=2YSIH1QG_!%PO 8C+#87<&P8[,+ #AZ46[;8W8YR>"R>?/ M\^6LT!=DX8?Y.MIA3;01)W**T_VF=;@G"QUT"KGA>R58%I70VU%V%:0LB\%*

*M4N/)I$.@W?Y^K3\7'W"^C,Y=Q^"]M5E"=,;6%;0.0$P&6#0Z6^W),FN];&-K MXK8"G'OI@&LCFPY]V$^2XAY&?"X\P6P7$_SF]D<)Y^G%]F7[*2*(%0@OA47*

M;KF^@D(VG5+!FY:-]D\3]56,/,O#6:-I=$!OHC^D_Q_KA=7RX3%.5Y=7>(] M=S'-?TZO%]?AD@[!?;)8^.I!\U0:YG,"S6[UJ6:K-*

@&)G7N_)#Y,IG4TR>0[[I.N'_#36R>"!!WF DB>O"CVUJG M=YQ=%=NC+,J6.ON8IP)!PY.DT>LHC%. ^UQ4.+W.YU%B^K6SAJ#AB2J$/7C? MTW-X2?.>*

*(6#@/(LC1EA^HJ03^.PG MYL? LSO/NT3.NI,M:X%9Z0R\UT*N4)=_&Q'I',.ZA$)DH4?'3@_MGRWD_"QT M=F#ZL7/&?X3+0,9#N'^,=>^BKN>HE=!914G7BB<@?*

M2!$!BR,7XM%TEP>/? MZ T3NPAPUIZ;76J4=^'K:K%(=P,H[@B"-0;+;":1F<&\UR^X6: M3OS\)D=^DG7C?*

*+8K6MRQQ9IWP#%RQ%2VI'9KJ2AZ'F0*F#"_YM=OH*"T@X"Z/B=2B$7S10Y"RH(4*X.K>2ECN,-A12K(WBAPF4NG>9W_,%JQTR:".@D;CO-B*

*M[2V!3N%T/W=39\2X@(X858/LJCAP%A6(7*PQ/+ L1\L2;B:I$_6TQ_"W@-6N MDN@ 6,,J%TC-*H/9@LR,E#!#0_Z'J\NHN9%1..Y-_^4E![6\VX!N/"GUF@AY M=_IIE23X*

MLI"J-BZEY.B,$QIR>ME:EPW_I1>8R6?=7<.[RZZTVI"([\&.LZ8)\E MJ! BA, MY"+H-S[07[7V\GXBX,@3;UK('Z&&VIW!'3R"_\)Z-3&??,=Y^(SO MKJO\';XLN;-X?

WVUN K33"Q[%1:3=,%ST"YH!=\4?KY(+WRP+((,FMFL,@;> MNIQW$("?01'0==X NH ?71OYLO7/%R2QO\ZFZZ.=7)U-9]$TO_D'"V:W4T5 M6<\N.9G/P_35R@JX

(45)HBMC,=$MH6G^Y:MAF1<"5)G9<,(_/WI/JX3N#'1=5!4[KGF5_]V/P#EI4&PJOH@K6 .=5V71[<6(%(X?(9<^8

M=:U;]4<\3B\;#@^/TH>CKCN!3+>WYUXYA132"4V6M,FV9HY4'25&]E=)UILD M$;UJ'8=_CJ;CXK@;\&P%ZATEV0$R;R<;7\W2O]\O\]LWB]D4)XM<(82$$11&

*M#\$X!5^6.CI?<2P+'KY.Y1OWA[]>W;R31_1#*Z M)G6Q_?(OZ;K&R13SZ5\X3Y,%?]"_PS^GX>ML?E4G8K\)D_D_P^4UTAW'Q>+> MV)CW=*7I7RKA\G+Q^QP#D?*

*SI2YBN(UU_A/F_\6KYTU9\NUE>69) &2*D@KY6 M$Q4D(RO2@BB);5=&WMW1CIO\&>4R],GH01CJ0)?O^6:^O:UCD2&\4$2& M+$*

*{"Y8(!3U8@"%F*0F95\]T=\U:T!]Z*5;W!N!X>5?@G6C...K'SQ=^10] M@F(R0&0^D\7HZQN<_VM>/M*$\!X-I;$QUQ;X.P"@UVCU[^_?O_[7V=NW)^]>*

*MO__TC].^/9^\^G;S[_>55V!.3_/33^>_SV;Y/Y/+RX^SR\LRF_\GS/,>4>P] MOM8DNMW]M(VBWC>?(ROFC,XS_3PAC7ZR6.#58M-D,BN+KSN'#2*YI*@B1!L<*

*MQ)*35]D%SUMG,@<1V"X^?O/9U0N7M&4ZU9M=BV5581:\%0&8-3$&+1B/K:N- M'R'EN)IS/+0\'L;>71(=//.W6\-OUJ]>X^=5N72-\$AI>)*B7F/>(G\(HV;|*

*[P%,*HO"%AE4F$/G(S2@.(VDM?' M.7B>N2C$;>^;ZZ3{!!P9+.T$^Q R.W/YV-&M6NAW9VLEKLMSF?5N*1?+'K/(,E(H*7 D7 ME*[F,SK6V31?US!6N'SB:*

*{8<'9189S\H8IZ4"GP,&5C@C.6(7#X<9?C8TO-! MWSURN*0-?D9D=0>/T\V;?><="YY52N082\7I *D6O^>401EFD2S Q$OKA8*_M$-%+G*V=1;,?GSL"2G5PWZP_(4;*

G=!#,99;:=PUL M(,/WVI'P3X"DUVYW!%0EOV](FN$Z,N6&8,UOY'K^+O$)";CC6Z]. /FVWU M8FH\&"\L*$VO=4C,@0K;D0FFLFT^/&=*

*[ZH[}HV%J<92Z4C_G*3_N9[0 MYU]?SR?3SZM%V1=622:0S+'L>*D>)CWA6C/00:>D>$@2V4@(VT3/<3O8QL+4 MWISO"$47R%E06,*

<@V#HV,I$.C=*B$6XXE@Q0;4>=3OH%1NMD6RT5VP(1_=\ MQ4ZG^7@)L+,_/IROW[D(.FN9\YVE"R7B,[Y0H9V21'}D8. M@9$%7C KFSFSPH]U4P^2Y,KYV-*

*G7;V$RKZ&-Y?.L1"B8& ,,OCH9UH%/R4"2 M*H>D74$_EA/V.R5|&-WML?*8(MM###AT|<*M38#Y)Z?KK-9E^F!\Q3]62G"7KI6D^{'UKXOHPR@^-N5;2>JFE)7?,781IK@4WLVE- M(LW*A^MY^E(G(RS78=\)99\&RA&I.7, ^:ZZDYZ M4K*9,6M1.#]6$.G I2MO)M/)%;Z=?,=?/KL*/T>13]M1[>GK]7|/@/P=3C!2Y-Y=6!0?#&>5{]^"/AG]G\M\NP6"7J8_1, M1)/K{DE1,R$%G#0%C'="64/LM:T;R@:0UTL|3%N$S XCKlV1^!WG<38^%N^. M=]\KQ.N0O-2RKN0-H"3SX.I]>^X=>IFUYC(?#H^,2#PN)D<#R_:@W%MN':C(MU_@=+V?:?,_"]&4ZNYQ]_O&QVF*+FQ'CRMD@R>RN^^) >900/3TL7A1GN4XR MA-:MYL^0U"WL]H?#;#$=>"U;U4T['YC*&G*3]N(WY(H#643 M#>96"(I)HC\U"+$]*"+JNN\M*QF*XR:9U 4&0D&LOIR[E|$,U+U+%YL!J4O.{\'QK, P=*fN>W6F]<,Y MD,1>]FI'C8N,*;; ^4;GQ:D>OZ$X+#44H3U<{)PB\("3%#$8>I M]S,B;(9!=&\9=@'3;5X$1"F9S P*+Y*LW42/@:!?E1@=")_1Q=9ANW8O|[&@MN#!\=G]IA\BJ P ^\<:\O:W4+RP6Z[@@.Z26;' GR!R6!K)FF)51*6+K*.HV M=!W7_SU^_F(W ?4-NM_GRQHA)X(7-H!5)=057@;"C70\9;B2*;#@6K_$S'4M;81X1Q1L#[/A(ND;8O=]@DY6,\O":J$@Q+ MZ^D?PZGL-GX\.@Q;B*UO8+[#]POIR*CAB9X*C@9J0PDXAC46${5.H5:GM4Z- M/4U1MT'FT0$W5!P=@.L9DW@U?FLR_7S78Q"]-Y@=6:N:+!/$#,YF#;K.US(L M:[2M==Y0&KN-2+MI5-M|\Y1IZ[%Z]^WO=*!J@A9"N\ A&,U6;"R.XZ"WPA(*< M,>NC;QT-'$KC<9WE9NAYO*AY!%%U\9O.-4RB$_&KF"*0]>*54+ MP;7!B(R.-]*->T!*+R7+8\A_UEX8G6)]U?=^$Y,/FC&.K,;)=:SK##TX)1GDMQ!E&DXE^"SCM+H>CSW4[/UN.%#L_6:==;&T6=-H"EL3) M*PH)O(^R+O<-EG&6F5'/&6(?W)_2-A#:K-6+.Q L0RIU4\Y:2/15,+3>Z]L MRA"8"R"5LT(YZ8P\H$O9:[W) 1ZUL836-QXWI}UT59Y%& %(V7N4P!O%(.D MGC&>4 MVMJL2^LEIW^K7IQ!#W34,1R<84%"2+2/Y2F>O)]609VDG*!6<=;M!RD:M'IUTYZS#\@:2J8#G&TP@^]E5;)@J%R$@LOVR! A6.*5+LA8L (+:]W1 M_Q0|O93`2<>MIM8.H#8DQ,@?99.+S>.^FCHNGA!?G@2$)!KKH+DWK2VR/:>MO7G(_B.4A\RA'.("#] TTK7?VZNFEH=CU_XR+CW6M7EA8*,21OH#2)9ZO"! MU#I7KKGFVH:NXYIBH\&KN4@Z@-F&O-I'+//T[KU]2P3NR=E$GXYY\DTOZ4_MGERN=G\O%M=??V7*-;M:['..CHO2<\R6VFXJ>H-&<>1&V*4D%+8@R78+)2 MWI)J2>F (] :K2_H9$##?$.0-"'LWEFH'ELO}AH'WY>%Y+Q3W@OGH0*2ZOH%;M#H'[!#$K)C/"*$3K&_PT12]H?.\^(&PHEY?ZNM^[A^O;=WUUO5R ?'}D.)NDZ4](7LO,;\X4-=K^^D_ MLXNHDK(\ASK8@ {)BH(HB@//H@HYR>S2<;&\)K3;5&Q/$-Y%f"\3N01%O A! MH&=2@7..7%A&+'9%&.!&Q5B7J/-\0,OL*5*[[8#M#KV#!?LB\?MF=CV_X"@, M,I\A&I%!)5O .Z9 Qf"-U2YK?7S56RGMME6V-_0.%NO+!"_]NQ=!2R-1"D!; M]R,NAXS3 4#QS%B14J3FVVIVHW0K\)K_'[S#Q?KBP'M2Z,NW1_7&(M?1DF5O MZ\|H%/BH/6C-12V70^\/.2SH&7*W@K']+X?Q[@+N-?;\YN3LXS]/WOYY^L?I MR?F?'T_K'M+S-V$R_QXNKW%65CG5,,V7=ZGWKQA]>#_/IB3;=#VO55$Q+";[M))M'H:-)!'T\#K4*0A--_ZPTW=M2=[>HRVI4M89;2%\]MD>6RX5L$1;,4)D M[=O;G]'G;[U\\[/75_6GTI_UMQ_7\M*5LRG?^'=;'HKBU=5%]MZT^29+V@R MZ.!-[0MB==PG_^FM5C+DJ%3SY',KXH|<4&Z%MU]T\E&$VX.U<7/P5S_6QZQ3 M8]_;\7^N:Y9]V<>6H|V%2;*8',?:@JOJ3BD.7$EM4K%:Z.;[N9XGJQ,D'A8P MC\&VD?1Z N2F ZV{0I1.+M46(62U8-\67K<2@24D70Y1>]>;UZ)O0S8G@&P% MA<>@NG4)M<7MCUVU"W13DC%O@(27R'CU"Y(%\U#HJ27^IVP_]W8*N3L#6 M"@Q;@&TOR?2$ME<_;G_YCPG.B:@O/|[6GMO5:(@)FL_>L +JZ 1P563&JU)X/ MQHWFUJO2O %_*\J.G'#M[;UM)<.>D'G_MOUZOO6]SM9Y15I&'(6GEP0MG@+7'N;OV]M.2F:,XK98,,F0YX3$ 9]# M@1*T3<)K+8WO, #]MH_Y$IVY(@=*1 ?7877F52O8U6T"((4HI=#UA8BU_2L*M<(X.X0/G5EE56/-5.1L)Z<0R/#PP'O91[2VE#J#QVQR*/_X(\W_CU9OK:5Z< M7/T6YO,?Q*DEDR^$988G37>XU(R\M!YBD0GJ0MYD)/DPN?5 @&=(.B[\&@A] M-IX$,@#4@5[6WV;)8N6?-N0W[Q@UKN0BZCU2OO/S<+5H3,L]?>)GːEU0. M(_&XSDI[P(TIH9T'^]WG<=;T^22MGQYPS:,VR4I#%\AS4*76>097 $Q@?M51CG!?V5EDX\X$X>T3UEU07]3O_G>G+UX[SR:,G&-]_?32[JS4$7):"M56UU MP7P@%0Y%*L9$Y,PV7^^PB8X>WLQ]93QKS.X.WLJ'9_C7Y.K+[/KJ(X8\N?SQM&NE+7R?3ZDO=7=BOL^OIU84N)4J,'&)PF5PK9TDGYII?17HTW#'>?/S)SL3V M\'Z.#+YO!-5;)W(?)>;E M!TQ:/],[2FMWV,VNPF43V-UCX$/+5W*!5N4",9'1JRP&<*9XL$YKX6/,UK:N M+GV(<+6Y.^&/3[9+.>62.?'"O#+E)8=D&29=-%2.C M<73UFI>"[T#G<:W 5AC9SIMM)[.0'F/=1L,&9,D*70NH9A,AU$8@4VK$??]WR|&E6OEKUXZSH^VWVM39XK=N#UG?O M0M5&!.\)96$0/*K&ZY%L78#[]D'R4R3UXO1_9&-:,I&Z4XKX8F1U=8%V$8>Z= M>*/F5\(PH1/(C))8JA0$IL@05AQCT*@3;QUN?IJB(S<[]ZG@M]Y5;,P?F()VA MF_]P'5[-;^!X\E ":AZ<=5<[QU&>)S-!W7!@#,]N$RG>62@?N MT*;S_$F/TMV)EN.29*G@QZDAR2,26"3RBXUEF.'2/?3-EQ ^+'M0MR>$NH&=W_@U9=9/IM^Q\75LKCS0])VQ3H)S!0.2D@$%Y2#)&*VG*Y3PM;] MFH^0IT<|OKTX]D_3SZ=_?/T_#7.)}^7.Q(_MX=L^%M^P#S2QX?8X4S.K(.\0L3ZBE@?Z388 3K3X961%NAW$5"@-B*A#LV7_U.P7'?G=TE^0@D=F!K M!Z"XNQOW^5-1WTMC@5Z@4) CSG&;03MAA2=Z'YA.X-9!P[B#B&3]0;C0SEMR6TN_!U>W1UGF:V_+=+XN9[C_&IR>?D/O,R_!MS?I\D%*\EIH1AH:^B:!(<0 M(V. +-L:AG?.CM8IV\>\5<_UA1\Q-4&\,67R;=7/\ZF)%T\M)S0L[]S;^A'ZRU<_'@L"KPSH$+SUWEM 524Q-FN(F#B(:$F=.TPECY?%& MT MO9B"X^)]FUQ/!^CIP%UZDC-OIQ4]V^**<\!2?9NA\5S![@:_O_=A-P!=&]=N.EM6/WNX;Y@B2<=? 8>. .EDJI[& ET83'K M(BWFUHA]DJ".@;HC F9CB>,%&+_^NC66[X0>V-FN?H[D# MF]:G; H3'IS0LM95:W#,,_*(L(2"0;J#%+L(9+IX(E\F!L0LC"F8]KYX 2*"0?> M$W><<=%+@]RHUO.\=BE0/$!$\%AX&BZ'KF"TH6C*%#3,!PO9()TE6P>1.P[, M$"DY[0M'&$AC)R'>IC=(L)?+LDW8U_U) !LNI-Y#1&V1VD>^L+;,]P,NKZ\5DBHO%2?J?Z\F]NG/#BB.SMGDX@2NTID8*.08]W%,_H_13%0>:FQI]8)MNNCN&R+B44"KEM_1X]0=TANGGU=%._ZHS@'&M8'6MQ@L\@^61G >EZ>:5A(#9B MQ!ZEJ@N@;4+ &9C2],#>&WJ()&)U;TW"M#6NRGOAN/NX++)@]JD;'71AJX00"999'$,|_B>!4;>Q+?2WJC-38/*=/NP/Q^ M>O?["U/[);7G(&4-H@AZ(&+ "(F)) (SR*37/ZC\.32 ARC'@MC/7N\+/7>/" M/46/5Q>_<(S*X#"!M+N04;_4*&F#K_#%&J!!I:HZF%#%Y V\A= M6?$B3'. ^-|_WIM0O?/X\7TV*F*YMC;"T-1;Q1UIO[%K^/V_35JW&&X](6?.Y MR(?B8@<=,71[N"C20Y%)@#+:@')*B7@-NX@-I#"!T@ZI$*6F&S3BX@%*[(A@RURT!TEWPBY>A:@Y:(!>.\)]8DXDH@)A&W?)(H;,+6'MN+ MJDD?).=M:I*',+T#|+R^K9$^6:S/=&<[KO5G#/0>.S(5O;_S8I(@S1QC!)6] M*M:[S&+[$1C/DM4;I':1_R]F=EMA=("O367X@D?+HM6@-:/WV"L)WA8%IA8- M%,S1YM9&T:X]#Z,]8Z/@9U]F=X"7GP;LHR/-3.0#O?&.7 $F(3*F(6*!^<4%\V'3=Q]MO0\P["+#61,&=@"R%S^8Q01$^.1Z422"UKD:X1Z.P>I)-"R.)+":W+[NY]M_8+614.P[,K2#M P? KL4I-*J64(B0-I306]D'T=2QUM[*P3Q4G/\WA3_H90MVDO1R3@IJL:2Z@"/&XYQ8^@K$6T0!:PD7:L\.7)1TL5BTECDUM#KM[#X\N9R]I_U@6ZFL!2E58H:2'MS4'5JO=?HP$:G M60ID+9K6'O9&0K]{T>PKY%EKCG<FXV1 IVU56@@8#*U@IZ4N?+OI$QPOM3.6A6;<{T0 MF);!]0"!.0W.&,>+-J8\;!'?O_UN((U]M5+M8TN-*IT.T+>IV%EDH4.-@7,E M)/&+/-202>U*[HS2VNK<33N>>0D8VI?''<#DW755K>_+@SMP=[)%73QX$92. MB3Q7X$&32RN9!#(C$Y"G&Z/.2>7FSMYVE/5BAN\(@(>O7GMI=("QGWHB;G=<MWH9E;XK=;Q=C7FB+"IU ("N0#(<8R&6Q6@)++B1F/.MRO K%[6CLI:*C#>Y& ME5!7"+P]W(->6,ZQ=@]R8E?)1GO$#/Q.A293=(^ESCF*N:-1/623&N-L18R-MZ14R^6]#P[#2]@UF1XX\014\A:[W]G9G95.W6.TB(Y]E,,N7-P)(F778-"6G= M5#<6CSKHH2L^"FE$!$;XK7&R3(ZG"B 3P=L(QSD;3Y,YT?]5WW(P1E9MYS7EP&MMAU!D D=7/);(.&+KN[1'1?CA]OP,$>YV%>%#-.TE7M9![*"4M"($<%R2KVV$ M(*-4.Z 'TM#Y))D;_]53R(?)>=N*\"%.[P \VQ0ARTQ\LBH#P[H^0FC2Q;98M('M4:>]81MZ^%_RE5H0/DO\.%>%#A-$!OC8EPUR1V3F9P6/1]UVWP;("ME8> M69*9K'RKI9[ITM>I#; .A)LP8RB1"ZZZM_0>C'&?2SB"Y#QJ,M;D0('2!JP^IC8;+05G"0=*"7%O'$'Z'.>5I+2=42,S[R^=R2SE8&9$PVHT!F MVG?:/$/3<2VBPV!J'T'JS?-ER0PHV+&!)H51.*)D#=0(GFD=/C8W[US=MYC%:CALI&A-(^S*^,P!MN V92V%\A)+JX"D,#&G87(!ASDY(TKV]=4[W28*. M.V<@? $K]B: 7//UT(5C1S(A4P/,$M4G6@U.%'!.#TF5$\CE'V>$X6 6-UB4ZM)FYV9G4'6-E4@\^BSEA,!"L#UH7="#X$!B)FQ@.JD-)XU;5O.UW0V"2YL1N/ MNX+);;O7^_)3@]AM?;&*]2A#+JO$5.\4{[=_U D.(626T2AL/BUW>^IZ"4_O M"(1'@=54*OWC;;EQ+TH@&X\. %&P6H!E2=7*FB82G+%09'VV#XNT)5V]8*PM M)H9!;[B =@;==YS'V6%@=]NC>.%<=I)!=G7F4F\C1(GEQ501<43E\SQ\;KBMGJ:MERS*,>&WFZ ;0G"\OK_34C!=/=+0-IO>[V>[W9PZ*^N=XLU6Z[6BHG7' MWRC*#[C<$.<^U^PV10P=&Y"/-2=JIVM&1P>;"Z-W)M!4(PDIXAX8DI1=DR4GEQU^U^@X2[7;O?$$YWB9=UA,AACGM?OO@9U!F=X"7'5N'HM JARC \-H:,0/="LL-78U$XQWYLD6)%ELYIQL%A[\#C444FE#BQG3C.3,/C69[0M"&OA$MI5>E$[]J,W4'5"8(J R$1W/W-CQ)HB^]';_05(?TNXW1 0=_MP.EL2C\+%U4NAIBD1:K(Y-&)Y*2KP@:VV7;Z.D M%PCM*^E9<[9W)ZGVQ31&DLGB.!K%D!ISL"C3_58SB-G4JO6X8+|>T6/T^^W M#Y3.":$#1&UH7M3,%L65!%-J8[.$!+Y:>"QS&YQDT3?/G^S8*WH 6Z@Q=O9D M=P> .9NFV5>\3:[_U-(6BN7<20\[,G)42]6F] =@#%KM:^=K_%D3Y#35\?HM/N9T*Y[W"Y_UU5(\EN!8AF+I35:.!+D04Y*X+0.BL'3&UN;TDP0=UQA]O;M MX+2###H U&+SQ=7[052QTTPH=@(6TO&DQ)".S:%TV^@L1 M70)G%P$_CGMQ>T.X".E_17GW_'*<[#Y<+FX/ M9RTNLTQ@A*V#/Y"<5D4674Q&U(X (U+K\.(@ HJK88\'L_&DU $$;_IC9ZN]MQ)]ZKGQ<'^]V)2T)8|@]C"B)>XPL!2^)F8Y9SSC#(GWKEW ;NHYKEH\'N.8R MZ0!GCTZ>,)+5XL ,GOD RI,I&I,B?R;SZ HJG4I74UT.U@2VCXW>A-N=HN;&M\2V"1T,G4;D0>UBQM?71 S>ID,>:48C6_>XO;JK+(&EO/!5E".L[-%)2M=? MKR]K=OD1>N0 MP=;$]0>Q7= P.X1H.L#OL&K("7X7%9"^-;I"K"M8_YS.M.5Q. B_FFYJ=]VER$9ECP.(;$+S1!?%%UO_,)M+22^"J5;+Y=J/49>LGY[0BJ MA_F98TJX)X3O<61++"D]J3>_"LLI'|@^D\R.P9;5#DP5Y&.!>F0<'W0 ,Q.<M'TB.'4#WR0)).OAE6'PF98+Y#7'_OB7SV]G9]&JV=MJ7/.++T.S[.YE7VI 8N ML|*K:[#%].I\UTY/7I:@BO")%NDL_P0E5XMSM)+9K0-R+N0>&>S"39S8O9YM6F_WV71UYK,I/CAU#9,N5^&>_I4NK_.*9;>LF>)B\0D7-;95V4.215"39IPYT-X\W6,,_!>TG^'N:6'\;73T:MR_?]*>)%!>%(]?* M1K FRMH*1JS/*H#SC)RA8JS!UH-DGR6JE\AG:X"VD$%7H+IWX][-KI[L/+R]-MDLL#*_I$GD0I>[%\>/9G6GH)'1QK ,P>DFF&L.9#M5Y].K_^^C7,?\S*V]GTM\R>7>1,G^ZBM>W5W+51+%"!-3S&2 ^*L/K3.%0 MET%YR#D*X=%RK5NG+3>0<>RX_=YR_U4?[C%J22ZV)] MK9&\'A/VRP#BRP:UMX3>$C%\;&REV"?!,I@+G>'DW?A*]Z6L65D6&^-8)&, MNYJ?S9[^H5+1+IO$>?OYRIMIZ0DSPV7!)&1V9/@1@5,-@(MSG$YF#.Z1L=(5))SFDUU4W4&%S@'22?37OLDK7W.C'G\Q_>$@EW%-FO*P[Y08&|Z M69V)UN3EA"OR1#EYIDYZ5NMUDM$A!QWU#BBP/92:CXV"77C8%PK\S>I)P11* M)2QD0C'=:U]$(*.C%Z0 M^Y\B&54Y$Q-LMO1"ZE@$EL1X:Z_KWN>/G75K'(]|F=L+++H@AY)WE|_/?K\|+M3*\0\ZL?IV;3/Q>_S[(C?+JTK:ZOOLSF]S<6!^40G-;SNNY%D;.F MJ)7-7+7 T =^=VE.GTL9"W?BBZP"DK\+TW_6T!/^EY/-J?-5-_:2FCCR01S M#!06!X&G):QZ"VZ))QO*7J4F&.GQD:6!O&=X"@G[ES+S.CZ,W61+PPJDXM M9G015"V:|[YDC9..XC_790 ?B!;,.?6L9?=^-T!;.Z9?A<8I#1TCU*MRH,O5H# Z#AS)9;0NCSPWN=[*A=K=0 7H=8F*/L1<@BE^RBL:'Y0+#' M;.DI<# &R';D>G?H^6E.7FVTSO]PG]JL/N.%TY9\$-00M9"@HBH0$_TV\9!$ M)LUN8OOAX=M2UU/L80R$-9-,!YA;NK;)65],\QDFMFRG9"C3NI8)F1XYW74KZA9S(F_-]Q.^SR^^3Z>??B,))M?Z7O;G[EI$. ^$2[M$M)=S]6H?+2"[WWY^7NWQ81."Y:X9>",8'4&2.W*D!{P9J%|"C'&UF/0G]}GM;Z6TX6>O K(RRLBT46!#;5@7AH\0<-QJ9# ^_Z^ &{0\KEX5@&A.RJ6!YQ5@5?A=(+HF :CDHX6M2ZY=6?L9DJ:C)NI}?P_M9'9@=P>@^<6>83^KMJ2&GU2:R$+GQB%@JF&F$B'XX$"GDHR3NI:Z;@R7AS0< M-ULQCH+9B\^=X>1F.V?008000":)=?!,_B^E 5$L4YFCE?GMWYR15_%77=)3_V9= MDQ)GH]MG\39_,WU%9WY9L*X2@9Y=39,*L0\A1!9|8GUW/Y_[;U9.R="Q5[>@G!4:9NRG235*NTO[U-T%J%J?%A47 {NJ.KK;E.E8B MOP^)3""1;:TT\-_2^]X,;>IN?84YU5?-#3#E58RZ-/$,2QJQ1\P:A3C/G<6\ M=HC0X)(@D=E0.@I[*T7=N_9A7*2>NFZ.+?,#0Y,]Y:!8XDS6$DX0$Y#RZE MP)1QKT,(Q:L9;A6II)?H<@O=T*.4WP*1?9J-P'7-*P$._49 4J=02!FOI4.]):ND-S)*CH04<:PB! Z6%YZM]HI5.76#B6@WX-.A^-0^VWSAXO37V?3 MVV\7) -;|>N3VF- #M6DI M%39@6-99W4^/B2H0#/#HK4ROUWB)%+DA$]{:DL-E2D24?R=\S.:IZ.1#G3O M60R!1NGT/L[|,/0MHW3E/+AX(>17E!+66:Y4ZY+30 -!F- VL.*M9W>(U-Y5 M^H'@[T&K0Y%H@%BOGE?&VR(/)O)ZH-(HR3[S?XUNKF]^64ZFTW_S.=;]AO\R>+N*D6K M###$>F641XT0P_$I(1*,6 JRP->P8V8>;Y&LO_!^.=D4P:I1_'_[Z-IH]6U*8M,D5LB"B1ZG&%*L/[T_%,*7]0"SC8fIM|/%_6^>'>7G69ZL\$D50\XYV$IRJ0BN^1$QN+=7#J(UU)$<" =IL?!H@':/=P:O9O>N-%DMB=*7Z*:?7D]QTZS2 "D=I>;@'$XR+ ^?V-4CB9A$_PXYS@!(;Z?O)/I>.?_=F+ MQA6PDD$[R2$J8S[&CO5W*!%L*2\I0OUU^-+!XGK?K M>6BV85,2FL2$:(H*/"0'3G0P#@4M;>0]0)PV2/_EEV*T%+R4(6)?73=&ERM& MA<,V.L2XIXC3W"7.1(\(84QX3@F.I>\#.O?..GK/M5(&Z:3=!ICQ)7ZS=UD5 M\[.T-(3,,ATUEBAIQ1%GX$^88#Q2BI(H1/"1ECZ,>RU#F]W5^C"DEY8;8$FG M]UC&4H^E\,A(O>PK&)#3P]#D+7.$&XC7_W/?S W!KL'0.:?D%P#@NX"O3M'K: M->_Y#&##:,7> NPC[<|G@05 2+C,@54G(U>>TU1X:)7)*.*6V&Z,-:_D' MA?\;P^TXGJ477:A6QSDTQNBX KLJE48J4P_DU@7HKO47FW-]11!PD42HB8;"*

*K=MYY"B#67G*I{/_/$>5/U5X(NJ.<$,>^6_73!##OND!6,*0H1M/?1)LM02OED@7M8.B0R)(/"1'J,:?%,).LEJ7O6 M?)RMZ3"U-T">E\@NB?*
@R0NW2KA@,)^$IY&!E)14EM<+H8%4U:55*Z,B-YYUGASEC$<$I.61ZL M+IX[ND.FNC=@0Q"L) @_ JE4TIAJJA&U^9$IQ@$Y8P/R2FGA".&:%2^D6H)4 M@]
{O%SY)*@I"RP25'T].O_QQ\NGW#SV/[-^,4^QP>KN$PQY+8[!)3BN!A!;Y MN9I)CA"0*5@2#{1FG-$A-7N_587#NP32W57>PL^[H}K/I%6?#}C06C*QBX55%1I+&C
MB)#LY(#H-Z#0)WUWBA_/F7#/7NHLP#[*G,YEL2Y{QC M$3GE.;C45G&$%#8<@TFI0 M#_$:">(BUEQ&PTIOV0>.HJ,VONEOBGK]NCFV/-022XPD; A2@"OB
N('FPC\ MUEMP[SEEIGA(14.TO^Z$[3]MK{LHN@&RK%Z}U?{>& G<$.*1?ZRW2Y!]2;(HL(tZYR P#!'+C\Z%A+K$*(V
MSI4.LWZ@7)Y.(.^9R]-%XPT0YTV6";&8JA@9RMU($%<.=*"3!Q49!YX8I^"I M_4?F\G0"=EFIEE11PH_1 M O('Z4C,"?R.'6F](-$HL38FD<1 F89@
ZE@%40&G"*K@D28$^?RI2T.QSC[M:3/#Y{B4*X)1H_O[W4U5$NHEQ1[E_O6(XZ"0(0EF2%W 21.A\#%N/GZ@_K:E MV=8'D49)}M3-\CS.1M-PI3436H!
{FGSN)^YRW45'!5(&E*DT,RP9NG8>;Y],DJ**+W57+4O'RY/OWSX{D3A {BE2M1\1{4/XGAEQ4.YV,[F3]];KXZW%0>MHD YB2P M8!$/L%DYS3EB2AK)';'4EVXMUTG
RC?= [%J 4>1 ^Q9E@-2"!F57Y35AIY?\)5B%\6A?U,'K#<.3;+1_J)/"BT] M.0;%E-2\E|IZ).L''9<6<2}9Y3!0Y&2*"'QQ\MZ"(TE(4MA-OA&C)F2YO)OKIO '2O/7[
MGMR^1]O=)*QQ@2@DL0VY0KI$!L$6,"<.ZF%%N4KV.TA6.7"3T?SGLNCU"3U M+N+1L^\C'?%M[94W"EN6G+B+D>GT6(\-<0A{G3H21"1%+/SK<*E#MP@O%";'3
M8H>BT22U3BY.2VY)&5 B-/DO+!Z*3#\,;LN42U]W60KW;SL,,SKQ!6W7EH5CR?IC#%^96S1DCF&9)LV;&2,J1C3MA3Q%D>0S(#-*;=6{S:CMMK-T({/
MP@(8';XM3Q=VW$:^Y+OI9#$;N=O\S6-E0:[]YM%S&W?/O$+&(L<>,RHIPDYR MQ&F$F,/I@+)\ =$)!=*5S5O-F,Q+T/I8DY<80IQHBUR&$=D581=@=%$26DO
M\B?-6.S"JGX9BUTP:R"JV7TQERNZ.NM!5SM!{^=*0999HHB@CSUH6D'6GT_KR1 M/,9.A.A\?IX%G=;]E /RS)*,2%(4)5[/A,';(P)Z0 J,REX4;PJ_$IP?|Z) M" ?6.K)A*Y!
{V*%HJ9"&A;23WU_W@FQM_?G7=37@*%X M>Y>+@[121@F,EQKE,A{(:8E1H-&E($5DKG3EYA_P_KR/F>BG\P9(L^'= >4D M2] WXLGGI^\,
(^<41YXGHC$'316_8>KQSJ>1_-)R_O%!.#3)IOLUQITE5L."MB%XIQ%F^(1.2(4\#S$F"YDSI0CP_U#N?3CCO^\ZGB](;(,_.:R;24FZ#C,CP M_,"$!(%
MHAPM7*ZQC0*FX&8H#E.;F8B"XU82HZ3%I0L';Y.G[L99"O.]]'0 +6KB?UF MQ_9N/K+/IW)O;7.-#$^\0<'DK' 51>Y-@Q&5EBNL,1C;5S9J0^FPS=]HD1N'
M@#@MK]$&K,R>"1Z>.$*9@V5D+,.)&>145 @'JJUAQ+)0NE'(N8S[P5*TCK>K ME4>I2>]J2/SXY>[#$;?Q]"Z_8@G,8P)F.P@&$,IVO,XB;Q5'B;C2>ESQOV
M%NZ'R,3O0HR=U"N!4I/T>\C%_7B[/4]S.O%=+_O' IKFF2P>6D_R&R_8L2^"@X-\#PI)V$_[Z=_M+Y8%*"_B8C%>QN#SDTGX?7({OI7C\]GT^R@?
$(&K{(0,P@9$0]Z?G,N/:BB' M-0P[DP0%:UPZ!f.;3@#_$VX >/!T.K5:KAU[\?G[^;9G]>?+IWO;YG9U_]?"_^.,;T7<[SJPD_Q*9S,*JS?_T2SZZ217Z5W=_M
!Z>)#N4*$5R9X^BIT(IM1>WW[ZM>&O'6;"/X^F?'QZ(_)#UJ)(*7L(*B2R3 M%\(BB)$$1UY;+X"]WNC2^^4^?*L-(EIMY*43DKL30CWN3!]E-[QMU5@M8^?
Q 'YX6\11>T"T0@)R!LA%E *DU04%JPU1BT17/$]M M+L,KTZHG^ZTZHQ:%H M@%]?'C>#]=/[#)Q=D 12QK^TKIP(7(->P5%8C,2& AJH!,$%Y& _-FI4WS_M3
M3A\IRf2!0&F ;GDBKR;S9K(O?_#LW[SBU!A'89Z)Y4)_BG!D-6:(!1%A%\@G M]Z49V$O@RC=KYZ><_P-$^^_+/'M'$FS&*A ';)2ODOY].OH-T MT]G=Y{AX],Y(!X+0Q
EN8&K(0PYR0W"SB:+A<*R>,OU=7+TOU&]'_/C;#*" M>"G\.IV&.7S@+ &GX^Q[G%]1*113X(CJ%'$N, ^KS$4] UDC!=5+.%W]5M(=8 MM>_0>G+B[I_1?T]F_3B?
GLZF/\WQT\\7^^1N8Z-G(CE_-D(.F M&+4:,;":B&N&D>$J(IPH#8%BGU+Y_)"N4M9UN89CWC PM41$F,45U=*:*'/2 M@]/W;^9A+T914L8B492[\FDB3]^OZQH-
1YZNJFW0\\/93M//8P\]Y\?>+ ^#B; M)2HGWR_\'3N9"4+5- NTSVE:G0R"DCD,ZO1UB0)!1 R?Y2@M]YL-]B[I0Y MN5X.NRR402U8)=@P$;/<
\6]0X;!]BDM]08+;ATNG:SQ5HK*;;\/1_E-#FL_ M!3>P(_QA85=SX_@T :>Y#=IRE(RDB.?*+"%&Y27,GPAWZ%5UY@3Y6+ ^? 9N$D:,=$@I0G4;H4N1;#FI$'22HWV!f*
ME!RDZ ;H\B7OV&?I]WE5X@,*9.LJ"]:7SQMN8>XE5MNER/>L2!KU<_]KY.O7TX^
M7YY^N.CA[+X=I(C'NT.V0F[OK[=V9B>+&'.L"U%ON/6+_[*S_+/1@!6O34]/Q3>PWUTL["38V2O]W+V/[(1%AHA/B+.'$PF=QP/08E(HC*1E7:4M@I4-
UH]#ID.4'T#//IM M^GUY_WLZV3"M$>]XM2SW#)+/%$1CWM()/Y_/;&*ZHE#)1+W-E MPIQ:Y7)8;0VR/'J5I!5.'VFCW2!A72O8%B-[H=>|-7P\$!1*,YZ/>I(AN=B^
MHODA74)*))42IR*%(X43KR2K>Q+;%AHKRMB2ZPLESRRB*DA#$ MJ5:(,>]1XBSFBE12VN*/@_85KJX!/$)(,@Q,S6^]f^X3[7'05'BLD=)@QCD! M@VZ-
Q\@SS6FT.C!:.^HG-7H)5?V(S!"DZV;Q#$&J>=L^>>"0M8M2&(\$2S:GS M.B>6)10PMMYC9Z4]+O,:>G53G7P'XM0\_ZZ(32XH$)]I%Q$WV",ME^_)N78A M<&7|
<5E7_3%-=:YUPJ2H N*%BC3D@"JY/K7(TM(S%L0.0P&EF4 MD.72P<1:0>HZ<$.QY$VQX=X0+!EOM7-5;!1:0/!E#$LOZ,"1HGA+/+1>Z&Y M@0"\]$N=MU+4=
<..1:&>VF^ /WMHZDJ!f\ 8)D@8DQ!G0B/#-$/2*>XB#9P4 M?^.\AUAUG:\Z1JH_/L4>,A].N9/PW4Y\G)]-'T\HG=_.-><0'H5J):1>(H8
MS6US,&]B;KG@X&AR'2=^%.=K8DR" M$[$A!)1<[CWD>>X1%!P*WT%((K9:EWZETTG OE;K]TDN2P8+/OP^\=-)&&4< Mf?
AAG9RY\>AZB>TO=IP7T\77&!C_:@5CWVNH="]$&O+SEOO&DV:M(G./,8^2X#+E< 00YF&DD M(<#1+CGP4DLOUER/IIOCSCO,^/IY#/L+Y=_QO'W^!LH[NO*D8!
M:.?^=;EC ==35,P+E#KKH!0C6*K]<>H =\]fLI G3B\T^S!? MC&I(IZE<_B#47Z_"O]_Q: 2R5$]L;:"2:5\KIU;\& ,TZ(Z>.-+IQ[M)5C= MJ.%XS"N/4GO4^Y)?'+ZO*3Z
6+N14OQT]&R.(+MD?1UEAQUVHC\/MLX8W(VE\Y5@,#D)\6, M2Y1@6[Q0R%:)]J*>_.FHUP>75L]2+B[/WOV??YO]>O_AR\6'__O[Z>4_+Q93
M_Z|O\=MJX'0^FU!/[$V?:I*.GRAS1]JG7H6.7"YGT0(7[Y9?OIS9R1P(F2OH M?_C+CV_#0T7?LW3Q%8@__Q)'R\SR1^H.3H,7(N2'90EO!ULM;+H,44:327D? M]J5?
J/04^5!#.)\M8%F#RB?S&)X'Z(\E1E=]C%Q0VE#OD,B-U#A+!&GKLM^+ M83E;'DW:*V<$OO=,&_"()TWL*4K=8Y5C,NO!* Z!40-[[_.9?+IOY[YLW\=9
M$#HEBFS,_32H\6#8L)G8NCI)5H/:H= CJ:T_?2D!0 MD4^LZ?^G5T6KIA_>]S<;C63B3*&+!< T#PWA%C\ZE M-T/2;(-<=6IOM7-5;!1:0/!E#$LOZ,"1HGA+/+1>Z&Y M@0"\]$N=MU+4=
<..1:&>VF^ /WMHZDJ!f\ 8)D@8DQ!G0B/#-$/2*>XB#9P4 M?^.\AUAUG:\Z1JH_/L4>,A].N9/PW4Y\G)]-'T\HG=_.-><0'H5J):1>(H8
MS6US,&]B;KG@X&AR'2=^%.=K8DR" M$[$A!)1<[CWD>>X1%!P*WT%((K9:EWZETTG OE;K]TDN2P8+/OP^\=-)&&4< Mf?
AAG9RY\>AZB>TO=IP7T\77&!C_:@5CWVNH="]$&O+SEOO&DV:M(G./,8^2X#+E< 00YF&DD M(<#1+CGP4DLOUER/IIOCSCO,^/IY#/L+Y=_QO'W^!LH[NO*D8!
M:.?^=;EC ==35,P+E#KKH!0C6*K]<>H =\]fLI G3B\T^S!? MC&I(IZE<_B#47Z_"O]_Q: 2R5$]L;:"2:5\KIU;\& ,TZ(Z>.-+IQ[M)5C= MJ.%XS"N/4GO4^Y)?'+ZO*3Z
6+N14OQT]&R.(+MD?1UEAQUVHC\/MLX8W(VE\Y5@,#D)\6, M2Y1@6[Q0R%:)]J*>_.FHUP>75L]2+B[/WOV??YO]>O_AR\6'__O[Z>4_+Q93
M_Z|O\=MJX'0^FU!/[$V?:I*.GRAS1]JG7H6.7"YGT0(7[Y9?OIS9R1P(F2OH M?_C+CV_#0T7?LW3Q%8@__Q)'R\SR1^H.3H,7(N2'90EO!ULM;+H,44:327D? M]J5?
J/04^5!#.)\M8%F#RB?S&)X'Z(\E1E=]C%Q0VE#OD,B-U#A+!&GKLM^+ M83E;'DW:*V<$OO=,&_"()TWL*4K=8Y5C,NO!* Z!40-[[_.9?+IOY[YLW\=9
M$#HEBFS,_32H\6#8L)G8NCI)5H/:H= CJ:T_?2D!0 MD4^LZ?^G5T6KIA_>]S<;C63B3*&+!< T#PWA%C\ZE M-T/2;(-<=6IOM7-5;!1:0/!E#$LOZ,"1HGA+/+1>Z&Y M@0"\]$N=MU+4=
<.:1:&>VF^ /WMHZDJ:f\ 8)D@8DQ!G0B/#-$/2*>XB#9P4 M?^.\AUAUG:\Z1JH_/L4>,A].N9/PW4Y\G)]-'T\HG=_.-><0'H5J):1>(H8
MS6US,&]B;KG@X&AR'2=^%.=K8DR" M$[$A!)1<[CWD>>X1%!P*WT%((K9:EWZETTG OE;K]TDN2P8+/OP^\=-)&&4< Mf?
AAG9RY\>AZB>TO=IP7T\77&!C_:@5CWVNH="]$&O+SEOO&DV:M(G./,8^2X#+E< 00YF&DD M(<#1+CGP4DLOUER/IIOCSCO,^/IY#/L+Y=_QO'W^!LH[NO*D8!
M:.?^=;EC ==35,P+E#KKH!0C6*K]<>H =\]fLI G3B\T^S!? MC&I(IZE<_B#47Z_"O]_Q: 2R5$]L;:"2:5\KIU;\& ,TZ(Z>.-+IQ[M)5C= MJ.%XS"N/4GO4^Y)?'+ZO*3Z
6+N14OQT]&R.(+MD?1UEAQUVHC\/MLX8W(VE\Y5@,#D)\6, M2Y1@6[Q0R%:)]J*>_.FHUP>75L]2+B[/WOV??YO]>O_AR\6'__O[Z>4_+Q93
M_Z|O\=MJX'0^FU!/[$V?:I*.GRAS1]JG7H6.7"YGT0(7[Y9?OIS9R1P(F2OH M?_C+CV_#0T7?LW3Q%8@__Q)'R\SR1^H.3H,7(N2'90EO!ULM;+H,44:327D? M]J5?
J/04^5!#.)\M8%F#RB?S&)X'Z(\E1E=]C%Q0VE#OD,B-U#A+!&GKLM^+ M83E;'DW:*V<$OO=,&_"()TWL*4K=8Y5C,NO!* Z!40-[[_.9?+IOY[YLW\=9
M$#HEBFS,_32H\6#8L)G8NCI)5H/:H= CJ:T_?2D!0 MD4^LZ?^G5T6KIA_>]S<;C63B3*&+!< T#PWA%C\ZE M-T/2;(-<=6IOM7-5;!1:0/!E#$LOZ,"1HGA+/+1>Z&Y M@0"\]$N=MU+4=
<..1:&>VF^ /WMHZDJ!

EV'6#Y;U6T5:E- #6,@?L%SN/RY?A<3*_MU|\LUV3('5OGO|P|_3OG|B[_;#F9IQE-POG83O)EX_OIC1U-"F,^B(A5EO=V M,DR/ATP#Q/MP\VT\O8OQ8@%.VMGR7G.G*3^$/9N_4Y4"@Z([I:C]!NBPE.WD M&WS>CY.J^#*Z_KJ87YQ\N1B$%KN_5V5SJ4&/O55?V^],M^F"(]0[U6?KP-7* MAO0+HU|H07H?I^$V?CN^B+ZV]EH,8KSWFF,&T>M5R^D&VK;5-("9!_^FOGS MV<@76%]/0]4K -(-G#>;3;P&17V$'6+RWB_C1CG*IY|L"T*P9LUY5CVX8;59' M9;!>KNR[W_ZU6%)IV?C0]S-[.X:N5Z%C;^CV4TZK:3BGD_D(M'@YLV$$ D_'M(P^6^WPV]45S<,9\IDA"SK[3*)"5L_E3;VARX.']JO%['0/?#Q^>#WT2IM\6 ML?_%]>[1*QY%|HW;RU/C/?55_7A_G9R?IXM[4&5X,3 Q+FAT;5!+ 0(4 Q0 M (,:"'5G=)M&B*W$ "S" @ 7 " ?D= !K97ES+3 W M,S$R,#(T>&5X,3 R+FAT;5!+ 0(4 Q0 (,:"'5F#-._'$4 "JC 0 7 M " 5F/ !K97ES+3 W,S$R,#(T>&5X,3 S+FAT;5!+ 0(4 M Q0 (,:"'5F"TP,B_0< XN 7 " 8K5 !K97ES M+3 W,S$R,#(T>&5X,S$Q+FAT;5!+ 0(4 Q0 (,:"'5DML((S_ <-$M M 7 " ;S= !K97ES+3 W,S$R,#(T>&5X,S$R+FAT;5!+ M 0(4 Q0 (,:"'5F+0#@VXP0 , 5 7 " >WE !K M97ES+3 W,S$R,# (T>&5X,S(Q+FAT;5!+ 0(4 Q0 (,:"'5GHO:#X\00 M) 6 7 " 07K !K97ES+3 W,S$R,#(T>&5X,S(R+FAT M;5!+ 0(4 Q0 (,:"'5E29&UL4$L! A0#% M @ QH(=65$+Y7:V10$ X[H, !4 (!'ZH# &ME>7,M,C R M-# W,S%?;&%B+GAM;%!+ 0(4 Q0 (,:"'5EL$)?:E|L -$=" 0 5 M " 0CP! !K97ES+3(P,C0P-S,Q7W!R92YX;6Q02P4& T ,#0!M P TLL% end XML 115 keys-20240731_htm.xml IDEA: XBRL DOCUMENT 0001601046 2023-11-01 2024-07-31 0001601046 2024-08-26 0001601046 us-gaap:ProductMember 2024-05-01 2024-07-31 0001601046 us-gaap:ProductMember 2023-05-01 2023-07-31 0001601046 us-gaap:ProductMember 2023-11-01 2024-07-31 0001601046 us-gaap:ProductMember 2022-11-01 2023-07-31 0001601046 us-gaap:ServiceMember 2024-05-01 2024-07-31 0001601046 us-gaap:ServiceMember 2023-05-01 2023-07-31 0001601046 us-gaap:ServiceMember 2023-11-01 2024-07-31 0001601046 us-gaap:ServiceMember 2022-11-01 2023-07-31 0001601046 2024-05-01 2024-07-31 0001601046 2023-05-01 2023-07-31 0001601046 2022-11-01 2023-07-31 0001601046 us-gaap:RetainedEarningsMember 2024-05-01 2024-07-31 0001601046 us-gaap:RetainedEarningsMember 2023-05-01 2023-07-31 0001601046 us-gaap:RetainedEarningsMember 2023-11-01 2024-07-31 0001601046 us-gaap:RetainedEarningsMember 2022-11-01 2023-07-31 0001601046 2024-07-31 0001601046 2023-10-31 0001601046 2022-10-31 0001601046 2023-07-31 0001601046 us-gaap:CommonStockMember 2024-04-30 0001601046 us-gaap:AdditionalPaidInCapitalMember 2024-04-30 0001601046 us-gaap:TreasuryStockCommonMember 2024-04-30 0001601046 us-gaap:RetainedEarningsMember 2024-04-30 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2024-04-30 0001601046 keys:ESIGroupSAMember 2024-04-30 0001601046 2024-04-30 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2024-05-01 2024-07-31 0001601046 us-gaap:CommonStockMember 2024-05-01 2024-07-31 0001601046 us-gaap:AdditionalPaidInCapitalMember 2024-05-01 2024-07-31 0001601046 us-gaap:TreasuryStockCommonMember 2024-05-01 2024-07-31 0001601046 us-gaap:CommonStockMember 2024-07-31 0001601046 us-gaap:AdditionalPaidInCapitalMember 2024-07-31 0001601046 us-gaap:TreasuryStockCommonMember 2024-07-31 0001601046 us-gaap:RetainedEarningsMember 2024-07-31 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2024-07-31 0001601046 keys:ESIGroupSAMember 2024-07-31 0001601046 us-gaap:CommonStockMember 2023-10-31 0001601046 us-gaap:AdditionalPaidInCapitalMember 2023-10-31 0001601046 us-gaap:TreasuryStockCommonMember 2023-10-31 0001601046 us-gaap:RetainedEarningsMember 2023-10-31 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2023-10-31 0001601046 keys:ESIGroupSAMember 2023-10-31 0001601046 keys:ESIGroupSAMember us-gaap:NoncontrollingInterestMember 2023-11-01 2024-07-31 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2023-11-01 2024-07-31 0001601046 us-gaap:CommonStockMember 2023-11-01 2024-07-31 0001601046 us-gaap:AdditionalPaidInCapitalMember 2023-11-01 2024-07-31 0001601046 us-gaap:TreasuryStockCommonMember 2023-11-01 2024-07-31 0001601046 us-gaap:CommonStockMember 2023-04-30 0001601046 us-gaap:AdditionalPaidInCapitalMember 2023-04-30 0001601046 us-gaap:TreasuryStockCommonMember 2023-04-30 0001601046 us-gaap:RetainedEarningsMember 2023-04-30 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2023-04-30 0001601046 2023-04-30 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2023-05-01 2023-07-31 0001601046 us-gaap:CommonStockMember 2023-05-01 2023-07-31 0001601046 us-gaap:AdditionalPaidInCapitalMember 2023-05-01 2023-07-31 0001601046 us-gaap:TreasuryStockCommonMember 2023-05-01 2023-07-31 0001601046 us-gaap:CommonStockMember 2023-07-31 0001601046 us-gaap:AdditionalPaidInCapitalMember 2023-07-31 0001601046 us-gaap:TreasuryStockCommonMember 2023-07-31 0001601046 us-gaap:RetainedEarningsMember 2023-07-31 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2023-07-31 0001601046 us-gaap:CommonStockMember 2022-10-31 0001601046 us-gaap:AdditionalPaidInCapitalMember 2022-10-31 0001601046 us-gaap:TreasuryStockCommonMember 2022-10-31 0001601046 us-gaap:RetainedEarningsMember 2022-10-31 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2022-10-31 0001601046 us-gaap:AociIncludingPortionAttributableToNoncontrollingInterestMember 2022-11-01 2023-07-31 0001601046 us-gaap:CommonStockMember 2022-11-01 2023-07-31 0001601046 us-gaap:AdditionalPaidInCapitalMember 2022-11-01 2023-07-31 0001601046 us-gaap:TreasuryStockCommonMember 2022-11-01 2023-07-31 0001601046 keys:ESIGroupSAMember us-gaap:OtherNonoperatingIncomeExpenseMember 2023-11-01 2024-07-31 0001601046 keys:ESIGroupSAMember 2023-11-01 2024-07-31 0001601046 keys:ESIGroupSAMember 2023-11-03 0001601046 keys:ESIGroupSAMember 2023-11-03 2023-11-03 0001601046 keys:ESIGroupSAMember 2023-11-01 2024-01-31 0001601046 keys:ESIGroupSAMember 2024-05-01 2024-07-31 0001601046 keys:ESIGroupSAMember 2023-11-03 2024-07-31 0001601046 keys:ESIGroupSAMember 2024-02-01 2024-04-30 0001601046 keys:ESIGroupSAMember us-gaap:DevelopedTechnologyRightsMember 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:DevelopedTechnologyRightsMember 2023-11-03 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:CustomerRelationshipsMember 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:CustomerRelationshipsMember 2023-11-03 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:OrderOrProductionBacklogMember 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:OrderOrProductionBacklogMember 2023-11-03 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:TrademarksAndTradeNamesMember 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:TrademarksAndTradeNamesMember 2023-11-03 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:InProcessResearchAndDevelopmentMember 2023-11-03 0001601046 keys:ESIGroupSAMember 2023-05-01 2023-07-31 0001601046 keys:ESIGroupSAMember 2022-11-01 2023-07-31 0001601046 keys:RiscureHoldingB.V.Member 2023-11-01 2024-07-31 0001601046 keys:RiscureHoldingB.V.Member 2024-02-21 2024-02-21 0001601046 keys:RiscureHoldingB.V.Member 2024-02-21 0001601046 keys:AnaPicoAGMember 2024-06-12 2024-06-12 0001601046 keys:AnaPicoAGMember 2024-06-12 0001601046 srt:AmericasMember keys:CommunicationsSolutionsGroupMember 2024-05-01 2024-07-31 0001601046 srt:AmericasMember keys:ElectronicIndustrialSolutionsGroupMember 2024-05-01 2024-07-31 0001601046 srt:AmericasMember 2024-05-01 2024-07-31 0001601046 srt:AmericasMember keys:CommunicationsSolutionsGroupMember 2023-05-01 2023-07-31 0001601046 srt:AmericasMember keys:ElectronicIndustrialSolutionsGroupMember 2023-05-01 2023-07-31 0001601046 srt:AmericasMember 2023-05-01 2023-07-31 0001601046 srt:EuropeMember keys:CommunicationsSolutionsGroupMember 2024-05-01 2024-07-31 0001601046 srt:EuropeMember keys:ElectronicIndustrialSolutionsGroupMember 2024-05-01 2024-07-31 0001601046 srt:EuropeMember 2024-05-01 2024-07-31 0001601046 srt:EuropeMember keys:CommunicationsSolutionsGroupMember 2023-05-01 2023-07-31 0001601046 srt:EuropeMember keys:ElectronicIndustrialSolutionsGroupMember 2023-05-01 2023-07-31 0001601046 srt:EuropeMember 2023-05-01 2023-07-31 0001601046 srt:AsiaPacificMember keys:CommunicationsSolutionsGroupMember 2024-05-01 2024-07-31 0001601046 srt:AsiaPacificMember keys:ElectronicIndustrialSolutionsGroupMember 2024-05-01 2024-07-31 0001601046 srt:AsiaPacificMember 2024-05-01 2024-07-31 0001601046 srt:AsiaPacificMember keys:CommunicationsSolutionsGroupMember 2023-05-01 2023-07-31 0001601046 srt:AsiaPacificMember keys:ElectronicIndustrialSolutionsGroupMember 2023-05-01 2023-07-31 0001601046 srt:AsiaPacificMember 2023-05-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember 2024-05-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember 2024-05-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember 2023-05-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember 2023-05-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:AerospacedefenseandgovernmentMember 2024-05-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:AerospacedefenseandgovernmentMember 2024-05-01 2024-07-31 0001601046 keys:AerospacedefenseandgovernmentMember 2024-05-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:AerospacedefenseandgovernmentMember 2023-05-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:AerospacedefenseandgovernmentMember 2023-05-01 2023-07-31 0001601046 keys:AerospacedefenseandgovernmentMember 2023-05-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:CommercialCommunicationsMemberMember 2024-05-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:CommercialCommunicationsMemberMember 2024-05-01 2024-07-31 0001601046 keys:CommercialCommunicationsMemberMember 2024-05-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:CommercialCommunicationsMemberMember 2023-05-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:CommercialCommunicationsMemberMember 2023-05-01 2023-07-31 0001601046 keys:CommercialCommunicationsMemberMember 2023-05-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:ElectronicindustrialMember 2024-05-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:ElectronicindustrialMember 2024-05-01 2024-07-31 0001601046 keys:ElectronicindustrialMember 2024-05-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:ElectronicindustrialMember 2023-05-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:ElectronicindustrialMember 2023-05-01 2023-07-31 0001601046 keys:ElectronicindustrialMember 2023-05-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember us-gaap:TransferredAtPointInTimeMember 2024-05-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember us-gaap:TransferredAtPointInTimeMember 2024-05-01 2024-07-31 0001601046 us-gaap:TransferredAtPointInTimeMember 2024-05-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember us-gaap:TransferredAtPointInTimeMember 2023-05-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember us-gaap:TransferredAtPointInTimeMember 2023-05-01 2023-07-31 0001601046 us-gaap:TransferredAtPointInTimeMember 2023-05-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember us-gaap:TransferredOverTimeMember 2024-05-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember us-gaap:TransferredOverTimeMember 2024-05-01 2024-07-31 0001601046 us-gaap:TransferredOverTimeMember 2024-05-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember us-gaap:TransferredOverTimeMember 2023-05-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember us-gaap:TransferredOverTimeMember 2023-05-01 2023-07-31 0001601046 us-gaap:TransferredOverTimeMember 2023-05-01 2023-07-31 0001601046 srt:AmericasMember keys:CommunicationsSolutionsGroupMember 2023-11-01 2024-07-31 0001601046 srt:AmericasMember keys:ElectronicIndustrialSolutionsGroupMember 2023-11-01 2024-07-31 0001601046 srt:AmericasMember 2023-11-01 2024-07-31 0001601046 srt:AmericasMember keys:CommunicationsSolutionsGroupMember 2022-11-01 2023-07-31 0001601046 srt:AmericasMember keys:ElectronicIndustrialSolutionsGroupMember 2022-11-01 2023-07-31 0001601046 srt:AmericasMember 2022-11-01 2023-07-31 0001601046 srt:EuropeMember keys:CommunicationsSolutionsGroupMember 2023-11-01 2024-07-31 0001601046 srt:EuropeMember keys:ElectronicIndustrialSolutionsGroupMember 2023-11-01 2024-07-31 0001601046 srt:EuropeMember 2023-11-01 2024-07-31 0001601046 srt:EuropeMember keys:CommunicationsSolutionsGroupMember 2022-11-01 2023-07-31 0001601046 srt:EuropeMember keys:ElectronicIndustrialSolutionsGroupMember 2022-11-01 2023-07-31 0001601046 srt:EuropeMember 2022-11-01 2023-07-31 0001601046 srt:AsiaPacificMember keys:CommunicationsSolutionsGroupMember 2023-11-01 2024-07-31 0001601046 srt:AsiaPacificMember keys:ElectronicIndustrialSolutionsGroupMember 2023-11-01 2024-07-31 0001601046 srt:AsiaPacificMember 2023-11-01 2024-07-31 0001601046 srt:AsiaPacificMember keys:CommunicationsSolutionsGroupMember 2022-11-01 2023-07-31 0001601046 srt:AsiaPacificMember keys:ElectronicIndustrialSolutionsGroupMember 2022-11-01 2023-07-31 0001601046 srt:AsiaPacificMember 2022-11-01 2023-07-31 0001601046

keys:CommunicationsSolutionsGroupMember 2023-11-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember 2023-11-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember 2022-11-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember 2022-11-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:AerospacedefenseandgovernmentMember 2023-11-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:AerospacedefenseandgovernmentMember 2023-11-01 2024-07-31 0001601046 keys:AerospacedefenseandgovernmentMember 2023-11-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:AerospacedefenseandgovernmentMember 2022-11-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:AerospacedefenseandgovernmentMember 2022-11-01 2023-07-31 0001601046 keys:AerospacedefenseandgovernmentMember 2022-11-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:CommercialCommunicationsMemberMember 2023-11-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:CommercialCommunicationsMemberMember 2023-11-01 2024-07-31 0001601046 keys:CommercialCommunicationsMemberMember 2023-11-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:CommercialCommunicationsMemberMember 2022-11-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:CommercialCommunicationsMemberMember 2022-11-01 2023-07-31 0001601046 keys:CommercialCommunicationsMemberMember 2022-11-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:Electronicindustrialmember 2023-11-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:Electronicindustrialmember 2023-11-01 2024-07-31 0001601046 keys:Electronicindustrialmember 2023-11-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember keys:Electronicindustrialmember 2022-11-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember keys:Electronicindustrialmember 2022-11-01 2023-07-31 0001601046 keys:Electronicindustrialmember 2022-11-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember us-gaap:TransferredAtPointInTimeMember 2023-11-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember us-gaap:TransferredAtPointInTimeMember 2023-11-01 2024-07-31 0001601046 us-gaap:TransferredAtPointInTimeMember 2023-11-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember us-gaap:TransferredAtPointInTimeMember 2022-11-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember us-gaap:TransferredAtPointInTimeMember 2022-11-01 2023-07-31 0001601046 us-gaap:TransferredAtPointInTimeMember 2022-11-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMember us-gaap:TransferredOverTimeMember 2023-11-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember us-gaap:TransferredOverTimeMember 2023-11-01 2024-07-31 0001601046 us-gaap:TransferredOverTimeMember 2023-11-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMember us-gaap:TransferredOverTimeMember 2022-11-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMember us-gaap:TransferredOverTimeMember 2022-11-01 2023-07-31 0001601046 us-gaap:TransferredOverTimeMember 2022-11-01 2023-07-31 0001601046 us-gaap:OtherNoncurrentAssetsMember 2024-07-31 0001601046 us-gaap:AccountsReceivableMember 2024-07-31 0001601046 us-gaap:AccountsReceivableMember 2023-10-31 0001601046 us-gaap:OtherNoncurrentAssetsMember 2023-10-31 0001601046 us-gaap:OtherAssetsMember 2024-07-31 0001601046 us-gaap:OtherAssetsMember 2023-10-31 0001601046 2024-08-01 2024-07-31 0001601046 2024-11-01 2024-07-31 0001601046 2025-11-01 2024-07-31 0001601046 us-gaap:CostOfSalesMember 2024-05-01 2024-07-31 0001601046 us-gaap:CostOfSalesMember 2023-05-01 2023-07-31 0001601046 us-gaap:CostOfSalesMember 2023-11-01 2024-07-31 0001601046 us-gaap:CostOfSalesMember 2022-11-01 2023-07-31 0001601046 us-gaap:ResearchAndDevelopmentExpenseMember 2024-05-01 2024-07-31 0001601046 us-gaap:ResearchAndDevelopmentExpenseMember 2023-05-01 2023-07-31 0001601046 us-gaap:ResearchAndDevelopmentExpenseMember 2023-11-01 2024-07-31 0001601046 us-gaap:ResearchAndDevelopmentExpenseMember 2022-11-01 2023-07-31 0001601046 us-gaap:SellingGeneralAndAdministrativeExpensesMember 2024-05-01 2024-07-31 0001601046 us-gaap:SellingGeneralAndAdministrativeExpensesMember 2023-05-01 2023-07-31 0001601046 us-gaap:SellingGeneralAndAdministrativeExpensesMember 2023-11-01 2024-07-31 0001601046 us-gaap:SellingGeneralAndAdministrativeExpensesMember 2022-11-01 2023-07-31 0001601046 keys:MalaysiaTaxAuthorityMember 2023-11-01 2024-07-31 0001601046 keys:MalaysiaTaxAuthorityMember 2024-05-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMemberMember 2023-10-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMemberMember 2023-10-31 0001601046 keys:CommunicationsSolutionsGroupMemberMember 2023-11-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMemberMember 2023-11-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMemberMember 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMemberMember 2024-07-31 0001601046 us-gaap:DevelopedTechnologyRightsMember 2024-07-31 0001601046 us-gaap:DevelopedTechnologyRightsMember 2023-10-31 0001601046 us-gaap:OrderOrProductionBacklogMember 2024-07-31 0001601046 us-gaap:OrderOrProductionBacklogMember 2023-10-31 0001601046 us-gaap:TrademarksMember 2024-07-31 0001601046 us-gaap:TrademarksMember 2023-10-31 0001601046 us-gaap:CustomerRelationshipsMember 2024-07-31 0001601046 us-gaap:CustomerRelationshipsMember 2023-10-31 0001601046 us-gaap:InProcessResearchAndDevelopmentMember 2024-07-31 0001601046 us-gaap:InProcessResearchAndDevelopmentMember 2023-10-31 0001601046 us-gaap:InProcessResearchAndDevelopmentMember 2023-11-01 2024-07-31 0001601046 us-gaap:FairValueMeasurementsRecurringMember 2024-07-31 0001601046 us-gaap:FairValueInputsLevel1Member us-gaap:FairValueMeasurementsRecurringMember 2024-07-31 0001601046 us-gaap:FairValueInputsLevel2Member us-gaap:FairValueMeasurementsRecurringMember 2024-07-31 0001601046 us-gaap:FairValueInputsLevel3Member us-gaap:FairValueMeasurementsRecurringMember 2024-07-31 0001601046 us-gaap:FairValueMeasurementsRecurringMember 2023-10-31 0001601046 us-gaap:FairValueInputsLevel1Member us-gaap:FairValueMeasurementsRecurringMember 2023-10-31 0001601046 us-gaap:FairValueInputsLevel2Member us-gaap:FairValueMeasurementsRecurringMember 2023-10-31 0001601046 us-gaap:FairValueInputsLevel3Member us-gaap:FairValueMeasurementsRecurringMember 2023-10-31 0001601046 us-gaap:TreasuryLockMember 2020-10-31 0001601046 us-gaap:InterestRateSwapMember 2024-07-31 0001601046 us-gaap:ForeignExchangeForwardMember us-gaap:NondesignatedMember 2023-10-31 0001601046 keys:ESIGroupSAMember 2023-07-11 2024-07-31 0001601046 us-gaap:ForeignExchangeForwardMember us-gaap:NondesignatedMember 2024-07-31 0001601046 us-gaap:ForeignExchangeForwardMember us-gaap:NondesignatedMember 2023-11-01 2024-07-31 0001601046 us-gaap:ForeignExchangeForwardMember us-gaap:CashFlowHedgingMember 2024-07-31 0001601046 us-gaap:ForeignExchangeForwardMember us-gaap:NondesignatedMember 2024-07-31 0001601046 Euro - Cash Flow Hedging 2024-07-31 0001601046 Euro - Not Designated as Hedging Instrument 2024-07-31 0001601046 Pound Sterling - Cash Flow Hedging 2024-07-31 0001601046 Pound Sterling - Not Designated as Hedging Instrument 2024-07-31 0001601046 Singapore Dollar - Cash Flow Hedging 2024-07-31 0001601046 Singapore Dollar - Not Designated as Hedging Instrument 2024-07-31 0001601046 Malaysian Ringgit - Cash Flow Hedging 2024-07-31 0001601046 Malaysian Ringgit - Not Designated as Hedging Instrument 2024-07-31 0001601046 Japanese Yen - Cash Flow Hedging 2024-07-31 0001601046 Japanese Yen - Not Designated as Hedging Instrument 2024-07-31 0001601046 Other Currencies - Cash Flow Hedging 2024-07-31 0001601046 Other currencies - Not Designated as Hedging Instrument 2024-07-31 0001601046 Total - Cash Flow Hedging 2024-07-31 0001601046 Total - Not Designated as Hedging Instrument 2024-07-31 0001601046 us-gaap:OtherCurrentAssetsMember us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2024-07-31 0001601046 us-gaap:OtherCurrentAssetsMember us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2023-10-31 0001601046 us-gaap:OtherCurrentLiabilitiesMember us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2024-07-31 0001601046 us-gaap:OtherCurrentLiabilitiesMember us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2023-10-31 0001601046 us-gaap:OtherCurrentAssetsMember us-gaap:ForeignExchangeContractMember us-gaap:NondesignatedMember 2024-07-31 0001601046 us-gaap:OtherCurrentAssetsMember us-gaap:ForeignExchangeContractMember us-gaap:NondesignatedMember 2023-10-31 0001601046 us-gaap:OtherCurrentLiabilitiesMember us-gaap:ForeignExchangeContractMember us-gaap:NondesignatedMember 2024-07-31 0001601046 us-gaap:OtherCurrentLiabilitiesMember us-gaap:ForeignExchangeContractMember us-gaap:NondesignatedMember 2023-10-31 0001601046 us-gaap:InterestRateSwapMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2024-05-01 2024-07-31 0001601046 us-gaap:InterestRateSwapMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2023-05-01 2023-07-31 0001601046 us-gaap:InterestRateSwapMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2023-11-01 2024-07-31 0001601046 us-gaap:InterestRateSwapMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2022-11-01 2023-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2024-05-01 2024-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2023-05-01 2023-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2023-11-01 2024-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2022-11-01 2023-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2024-05-01 2024-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2023-05-01 2023-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2023-11-01 2024-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2022-11-01 2023-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember 2024-05-01 2024-07-31 0001601046 us-gaap:CostOfSalesMember 2024-05-01 2024-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember us-gaap:CostOfSalesMember 2023-05-01 2023-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember us-gaap:CostOfSalesMember 2023-11-01 2024-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember us-gaap:CostOfSalesMember 2022-11-01 2023-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember us-gaap:SellingGeneralAndAdministrativeExpensesMember 2024-05-01 2024-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember us-gaap:SellingGeneralAndAdministrativeExpensesMember 2023-05-01 2023-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember us-gaap:SellingGeneralAndAdministrativeExpensesMember 2023-11-01 2024-07-31 0001601046 us-gaap:ForeignExchangeContractMember us-gaap:CashFlowHedgingMember us-gaap:DesignatedAsHedgingInstrumentMember us-gaap:SellingGeneralAndAdministrativeExpensesMember 2022-11-01 2023-07-31 0001601046 us-gaap:OtherNonoperatingIncomeExpenseMember 2024-05-01 2024-07-31 0001601046 us-gaap:OtherNonoperatingIncomeExpenseMember 2023-05-01 2023-07-31 0001601046 us-gaap:OtherNonoperatingIncomeExpenseMember 2023-11-01 2024-07-31 0001601046 us-gaap:OtherNonoperatingIncomeExpenseMember 2022-11-01 2023-07-31 0001601046 keys:SeniorNotes2024Member 2024-07-31 0001601046 keys:SeniorNotes2024Member 2023-10-31 0001601046 keys:SeniorNotes2027Member 2024-07-31 0001601046 keys:SeniorNotes2027Member 2023-10-31 0001601046 keys:SeniorNotes2029Member 2024-07-31 0001601046 keys:SeniorNotes2029Member 2023-10-31 0001601046 us-gaap:RevolvingCreditFacilityMember 2023-11-01 2024-07-31 0001601046 us-gaap:RevolvingCreditFacilityMember us-gaap:SecuredOvernightFinancingRateSofrOvernightIndexSwapRateMember 2023-11-01 2024-07-31 0001601046 us-gaap:RevolvingCreditFacilityMember 2024-07-31 0001601046 us-gaap:RevolvingCreditFacilityMember 2023-10-31 0001601046 us-gaap:BridgeLoanMember 2023-11-01 2024-07-31 0001601046 us-gaap:BridgeLoanMember 2024-07-31 0001601046 keys:ESIGroupSAMember us-gaap:LoansMember 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:LoansInsuredOrGuaranteedByNonUsGovernmentAuthoritiesMember 2023-11-03 0001601046 keys:ESIGroupSAMember us-gaap:BankLoanObligationsMember 2023-11-03 0001601046 country:US us-gaap:PensionPlansDefinedBenefitMember 2024-05-01 2024-07-31 0001601046

country:US us-gaap:PensionPlansDefinedBenefitMember 2023-05-01 2023-07-31 0001601046 us-gaap:ForeignPlanMember us-gaap:PensionPlansDefinedBenefitMember 2024-05-01 2024-07-31 0001601046 us-gaap:ForeignPlanMember us-gaap:PensionPlansDefinedBenefitMember 2023-05-01 2023-07-31 0001601046 country:US us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-05-01 2024-07-31 0001601046 country:US us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-05-01 2023-07-31 0001601046 country:US us-gaap:PensionPlansDefinedBenefitMember 2023-11-01 2024-07-31 0001601046 country:US us-gaap:PensionPlansDefinedBenefitMember 2022-11-01 2023-07-31 0001601046 us-gaap:ForeignPlanMember us-gaap:PensionPlansDefinedBenefitMember 2023-11-01 2024-07-31 0001601046 us-gaap:ForeignPlanMember us-gaap:PensionPlansDefinedBenefitMember 2022-11-01 2023-07-31 0001601046 country:US us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-11-01 2024-07-31 0001601046 country:US us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2022-11-01 2023-07-31 0001601046 country:US us-gaap:PensionPlansDefinedBenefitMember 2024-07-31 0001601046 country:US us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-07-31 0001601046 us-gaap:ForeignPlanMember us-gaap:PensionPlansDefinedBenefitMember 2024-07-31 0001601046 2021-08-03 0001601046 2023-03-06 0001601046 2024-07-31 2024-07-31 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2024-04-30 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2024-04-30 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2024-04-30 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2024-04-30 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2024-05-01 2024-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2024-05-01 2024-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2024-05-01 2024-07-31 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2024-05-01 2024-07-31 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2024-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2024-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2024-07-31 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2024-07-31 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2023-10-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2023-10-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2023-10-31 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2023-10-31 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2023-11-01 2024-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2023-11-01 2024-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2023-11-01 2024-07-31 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2023-11-01 2024-07-31 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2023-04-30 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2023-04-30 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2023-04-30 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2023-04-30 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2023-05-01 2023-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2023-05-01 2023-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2023-05-01 2023-07-31 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2023-05-01 2023-07-31 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2023-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2023-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2023-07-31 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2023-07-31 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2022-10-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2022-10-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2022-10-31 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2022-10-31 0001601046 us-gaap:AccumulatedTranslationAdjustmentMember 2022-11-01 2023-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetUnamortizedGainLossMember 2022-11-01 2023-07-31 0001601046 us-gaap:AccumulatedDefinedBenefitPlansAdjustmentNetPriorServiceCostCreditMember 2022-11-01 2023-07-31 0001601046 us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember 2022-11-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMemberMember 2024-05-01 2024-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMemberMember 2024-05-01 2024-07-31 0001601046 keys:CommunicationsSolutionsGroupMemberMember 2023-05-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMemberMember 2023-05-01 2023-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:CommunicationsSolutionsGroupMemberMember 2024-05-01 2024-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:ElectronicIndustrialSolutionsGroupMemberMember 2024-05-01 2024-07-31 0001601046 keys:TotalSegmentsMember 2024-05-01 2024-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:CommunicationsSolutionsGroupMemberMember 2023-05-01 2023-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:ElectronicIndustrialSolutionsGroupMemberMember 2023-05-01 2023-07-31 0001601046 keys:TotalSegmentsMember 2023-05-01 2023-07-31 0001601046 keys:CommunicationsSolutionsGroupMemberMember 2022-11-01 2023-07-31 0001601046 keys:ElectronicIndustrialSolutionsGroupMemberMember 2022-11-01 2023-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:CommunicationsSolutionsGroupMemberMember 2023-11-01 2024-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:ElectronicIndustrialSolutionsGroupMemberMember 2023-11-01 2024-07-31 0001601046 keys:TotalSegmentsMember 2023-11-01 2024-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:CommunicationsSolutionsGroupMemberMember 2022-11-01 2023-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:ElectronicIndustrialSolutionsGroupMemberMember 2022-11-01 2023-07-31 0001601046 keys:TotalSegmentsMember 2022-11-01 2023-07-31 0001601046 us-gaap:OperatingSegmentsMember 2024-05-01 2024-07-31 0001601046 us-gaap:OperatingSegmentsMember 2023-05-01 2023-07-31 0001601046 us-gaap:OperatingSegmentsMember 2023-11-01 2024-07-31 0001601046 us-gaap:OperatingSegmentsMember 2022-11-01 2023-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:CommunicationsSolutionsGroupMember 2024-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:ElectronicIndustrialSolutionsGroupMember 2024-07-31 0001601046 keys:TotalSegmentsMember 2024-07-31 0001601046 us-gaap:OperatingSegmentsMember keys:CommunicationsSolutionsGroupMember 2023-10-31 0001601046 us-gaap:OperatingSegmentsMember keys:ElectronicIndustrialSolutionsGroupMember 2023-10-31 0001601046 keys:TotalSegmentsMember 2023-10-31 0001601046 keys:SatishDhanasekaranMember 2024-05-01 2024-07-31 0001601046 keys:SatishDhanasekaranMember 2024-07-31 0001601046 keys:SoonChaiGooiMember 2024-05-01 2024-07-31 0001601046 keys:SoonChaiGooiMember 2024-07-31 0001601046 keys:JeffreyKLiMember 2024-05-01 2024-07-31 0001601046 keys:JeffreyKLiMember 2024-07-31 0001601046 keys:JohnPageMember 2024-05-01 2024-07-31 0001601046 keys:JohnPageMember 2024-07-31 shares iso4217:USD iso4217:USD shares pure iso4217:EUR shares iso4217:EUR iso4217:GBP keys:contracts keys:segment 0001601046 --10-31 2024 Q3 false P0Y3M P1Y 10-Q true 2024-07-31 false 001-36334 KEYSIGHT TECHNOLOGIES, INC. DE 46-4254555 1400 Fountaingrove Parkway Santa Rosa CA 95403 (800) 829-4444 Common Stock, par value $0.01 per share KEYS NYSE Yes Yes Large Accelerated Filer false false false 173543355 900000000 1099000000 2761000000 3321000000 317000000 283000000 931000000 832000000 1217000000 1382000000 3692000000 4153000000 360000000 391000000 1069000000 1180000000 102000000 95000000 292000000 285000000 462000000 486000000 1361000000 1465000000 226000000 215000000 686000000 664000000 329000000 319000000 1052000000 994000000 5000000 3000000 10000000 11000000 1012000000 1017000000 3089000000 3112000000 205000000 365000000 603000000 1041000000 19000000 29000000 60000000 70000000 21000000 19000000 61000000 58000000 10000000 14000000 15000000 28000000 213000000 389000000 617000000 1081000000 -176000000 101000000 -70000000 250000000 389000000 288000000 687000000 831000000 2.23 1.62 3.94 4.66 2.22 1.61 3.92 4.63 174000000 178000000 174000000 178000000 175000000 179000000 175000000 179000000 389000000 288000000 687000000 831000000 0 -1000000 0 5000000 0 2000000 1000000 -18000000 0 1000000 1000000 1000000 3000000 0 7000000 3000000 0 0 0 0 32000000 -9000000 27000000 61000000 -1000000 -1000000 -3000000 -3000000 -3000000 -4000000 -8000000 -12000000 32000000 -3000000 29000000 52000000 421000000 285000000 716000000 883000000 1632000000 2472000000 802000000 900000000 1026000000 985000000 536000000 452000000 3996000000 4809000000 776000000 761000000 234000000 226000000 2391000000 1640000000 637000000 155000000 107000000 81000000 678000000 671000000 504000000 340000000 932300000 868300000 600000000 599000000 280000000 286000000 262000000 304000000 537000000 541000000 85000000 90000000 43000000 40000000 142000000 189000000 1949000000 2049000000 1196000000 1195000000 71000000 64000000 207000000 216000000 197000000 192000000 473000000 313000000 4093000000 4029000000 0.01 0.01 100000000 100000000 0 0 0 0 0 0 0.01 0.01 1000000000 1000000000 201000000 200000000 2000000 2000000 27500000 25400000 3270000000 2980000000 2637000000 2487000000 6298000000 5611000000 -437000000 -466000000 523000000 4654000000 932300000 868300000 687000000 831000000 94000000 90000000 108000000 72000000 111000000 110000000 -21000000 10000000 26000000 19000000 5000000 13000000 -130000000 -32000000 51000000 126000000 -4000000 -54000000 -69000000 -87000000 -35000000 41000000 -24000000 -28000000 0 107000000 25000000 33000000 165000000 0 64000000 -59000000 69300000 103000000 116000000 158000000 673000000 85000000 -8000000 7000000 -781000000 -250000000 65000000 67000000 31000000 49000000 458000000 0 289000000 276000000 24000000 0 -16000000 -1000000 -753000000 -259000000 2000000 1000000 -83900000 53100000 248800000 2057000000 1649000000 2588000000 38000000 37000000 130000000 268000000 17000000 23000000 200655000 2000000 2580000000 -26376000 -3119000000 5909000000 -469000000 0 490300000 389000000 389000000 32000000 32000000 315000 32000000 32000000 3000000 3000000 28000000 28000000 1074000 151000000 151000000 200970000 2000000 2637000000 -27450000 -3270000000 6298000000 -437000000 0 5230000000 199771000 2000000 2487000000 -25449000 -2980000000 5611000000 -466000000 0 4654000000 687000000 4000000 691000000 29000000 29000000 458000000 458000000 1199000 65000000 65000000 31000000 31000000 112000000 112000000 2001000 290000000 290000000 4000000 -462000000 -458000000 200970000 2000000 2637000000 -27450000 -3270000000 6298000000 -437000000 0 5230000000 199398000 2000000 2404000000 -21247000 -2399000000 5097000000 -399000000 4705000000 288000000 288000000 -3000000 -3000000 350000 34000000 34000000 2000000 2000000 26000000 26000000 929000 151000000 151000000 199748000 2000000 2462000000 -22176000 -2550000000 5385000000 -402000000 4897000000 198569000 2000000 2333000000 -20536000 -2274000000 4554000000

-454000000 4161000000 831000000 831000000 52000000 52000000 1179000 67000000 67000000 49000000 49000000 111000000 111000000 1640000 276000000 276000000 199748000 2000000 2462000000 -22176000 -2550000000 5385000000 -402000000 4897000000 1. OVERVIEW AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES Overview. Keysight Technologies, Inc. (“we,” “us,” “Keysight” or the “company”), incorporated in Delaware on December 6, 2013, is a global innovator in the computing, communications and electronics market, committed to advancing our customers’ business success by helping them solve critical challenges in the development and commercialization of their products and services. Our mission, “accelerating innovation to connect and secure the world,” speaks to the value we provide our customers in a world of ever-increasing technological complexity. We deliver this value through a broad range of design and test solutions that address the critical challenges our customers face in bringing their innovations to market faster. Our fiscal year-end is October 31, and our fiscal quarters end on January 31, April 30 and July 31. Unless otherwise stated, these dates refer to our fiscal year and fiscal quarters. Basis of Presentation. We have prepared the accompanying financial statements pursuant to the rules and regulations of the Securities and Exchange Commission (“SEC”). Certain information and footnote disclosures normally included in financial statements prepared in accordance with generally accepted accounting principles in the U.S. (“GAAP”) have been condensed or omitted pursuant to such rules and regulations. The accompanying financial statements and information should be read in conjunction with our Annual Report on Form 10-K. In the opinion of management, the accompanying condensed consolidated financial statements contain all normal and recurring adjustments necessary to state fairly our financial position as of July 31, 2024 and October 31, 2023, results of operations for the three and nine months ended July 31, 2024 and 2023, and cash flows for the nine months ended July 31, 2024 and 2023. Principles of consolidation. The condensed consolidated financial statements include the accounts of the company and our wholly- and majority-owned subsidiaries. All significant inter-company transactions have been eliminated. The condensed consolidated financial statements also reflect the impact of non-controlling interests. Non-controlling interests do not have a significant impact on the condensed consolidated results of operations; therefore, net income attributable to non-controlling interests for the nine months ended July 31, 2024 of $4 million is not presented separately and is included in “other income (expense), net” in the condensed consolidated statements of operations. Use of Estimates. The preparation of condensed consolidated financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the amounts reported in our condensed consolidated financial statements and accompanying notes. Management bases its estimates on historical experience and various other assumptions believed to be reasonable. Although these estimates are based on management’s knowledge of current events and actions that may impact the company in the future, actual results may be different from the estimates. Update to Significant Accounting Policies. There have been no material changes to our significant accounting policies as described in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023. New Accounting Pronouncements. Amendments to GAAP that do not require adoption until a future date are not expected to have a material impact on the condensed consolidated financial statements upon adoption. 4000000 2. ACQUISITIONS Acquisition of ESI Group SA On November 3, 2023, we acquired 50.6% of the share capital of ESI Group SA (“ESI Group”) for $477 million, net of cash acquired, using existing cash. During January 2024, we completed the acquisition of the remaining share capital of ESI Group for $458 million, using existing cash. The company entered into put/call agreements valued at $7 million for certain ESI Group equity awards, subject to a holding period that may extend beyond the explicit vesting period, for the right to receive a cash payment equal to the public tender offer consideration of 155 euros per share, which was substantially paid in the third quarter of fiscal year 2024. For the three and nine months ended July 31, 2024, ESI Group's net revenue was $25 million and $119 million, respectively. For the three and nine months ended July 31, 2024, ESI Group's net loss attributable to Keysight shareholders was $27 million and $47 million, respectively. The ESI Group acquisition was accounted for in accordance with the authoritative accounting guidance. The acquired assets and assumed liabilities were recorded by Keysight at their estimated fair values. Keysight determined the estimated fair values with the assistance of valuations performed by third party specialists, discounted cash flow analysis, and estimates made by management. The acquisition of ESI Group expands our application layer portfolio with simulation capabilities that are critical to accelerate innovation in multiple end markets. These factors, among others, contributed to a purchase price in excess of the estimated fair value of ESI Group's net identifiable assets acquired (see summary of net assets below), and, as a result, we have recorded goodwill in connection with this transaction. Goodwill was assigned to the Communications Solutions Group (“CSG”) and the Electronic Industrial Solutions Group (“EISG”) reportable segments, based on the expected benefits and synergies that are likely to be realized from the ESI Group acquisition. We do not expect the goodwill recognized or any potential impairment charges in the future to be deductible for income tax purposes. A portion of the overall purchase price was allocated to acquired intangible assets. Amortization expense associated with acquired intangible assets is not deductible for tax purposes. Therefore, a deferred tax liability of $98 million was established primarily for the future amortization of these intangibles and is included in “other long-term liabilities” in the table below.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">The following table summarizes the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed on the closing date:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:80.040%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.760%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">November 3, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash and cash equivalents</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Short-term investments</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">12</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accounts receivable</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">28</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other current assets</td><td colspan="3" style="background-color:#ffffff;padding:2px

1pt;text-align:right;vertical-align:bottom">18</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Property, plant and equipment</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">4</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating lease right-of-use assets</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">8</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Goodwill</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">603</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other intangible assets</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">494</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other assets</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">3</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Total assets acquired</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,205 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accounts payable</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(8)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Employee compensation and benefits</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(23)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Deferred revenue</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(14)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Income and other taxes payable</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating lease liabilities</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other accrued liabilities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(18)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Debt</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(24)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Retirement and post-retirement benefits</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-term operating lease liabilities</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other long-term liabilities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(115)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Net assets acquired</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">977 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The fair values of cash and cash equivalents, short-term investments, accounts receivable, other current assets, accounts payable, employee compensation and benefits, and deferred revenue were generally determined using historical carrying values given the short-term nature of these assets and liabilities. The fair value for intangible assets was determined with the input from third-party valuation specialists. The fair values of property, plant and equipment and certain other liabilities were determined internally using historical carrying values and estimates made by management. During the second quarter of fiscal year 2024, the company decreased the deferred tax liability and goodwill by $8 million primarily for a timing difference in the recognition of research and development expenses. During the third quarter of fiscal year 2024, the company increased income and other taxes payable and other long-term liabilities by $3 million and $5 million, respectively, offset against goodwill, primarily for tax liabilities and uncertain tax positions. As additional information becomes available, we may revise the preliminary purchase price allocation during the remainder of the measurement period (which will not exceed 12 months from the acquisition date). Any such revisions or changes may be material.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Valuation of Intangible Assets Acquired</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">The components of intangible assets acquired in connection with the ESI Group acquisition were as follows:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:60.818%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.650%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.381%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.651%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Estimated Fair Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Estimated useful life</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in years)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Developed technology</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">270 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-

align:center;vertical-align:bottom">6</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer relationships</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">160</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:center;vertical-align:bottom">6</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Backlog</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">15</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">3</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Trademarks/Tradename</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">2</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:center;vertical-align:bottom">2</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total amortizable intangible assets</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">447</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">In-process research and development</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">47</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total intangible assets</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">494 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr></table> As noted above, the intangible assets were valued with input from valuation specialists using the income approach, which includes the discounted cash flow, with and without, and relief from royalty methods. The in-process research and development was valued using the multi-period excess earnings method under the income approach by discounting forecasted cash flows directly related to the products expecting to result from the projects, net of returns on contributory assets. A discount rate of 12% was used to value the research and development projects to reflect the additional risks inherent in the acquired projects. The primary in-process projects acquired relate to next generation products which will be released in the near future. Total costs to complete for all ESI Group in-process research and development were estimated at approximately $7 million as of the close date. Acquisition and integration costs directly related to the ESI Group acquisition are recorded in selling, general and administrative expenses, other operating expense (income), net and other income (expense), net, and were $9 million and $30 million for the three and nine months ended July 31, 2024, respectively. For the three and nine months ended July 31, 2024, we incurred $3 million and $9 million, respectively, of acquisition-related compensation expense to redeem certain of ESI Group's outstanding unvested stock awards as of the date of the acquisition that were determined to relate to post-merger service periods.</div><div style="text-align:justify;text-indent:27pt">The following represents pro forma operating results as if ESI Group had been included in the company's condensed consolidated statements of operations as of the beginning of fiscal 2023:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:54.455%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.869%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="18" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions, except per-share amounts)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net revenue</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,409 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,276 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">398 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">260 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">717 </td><td

style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">785 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income per share - Basic</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2.28 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1.46 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4.11 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4.41 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income per share - Diluted</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2.27 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1.45 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">4.09 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">4.38 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The unaudited pro forma financial information for the three and nine months ended July 31, 2024 and 2023 combines the historical results of Keysight and ESI Group for the three and nine months ended July 31, 2024 and 2023, assuming that the companies were combined as of November 1, 2022 and includes business combination accounting effects from the acquisition including amortization charges from acquired intangible assets and tax-related effects. The pro forma information as presented above is for informational purposes only and is not indicative of the results of operations that would have been achieved if the acquisition had taken place at the beginning of fiscal 2023. Acquisition of Riscure Holding B.V. On February 21, 2024, we acquired all the outstanding share capital of Riscure Holding B.V. ("Riscure") for $78 million, net of cash acquired, expanding our automated security assessment capabilities and solutions for semiconductors, embedded systems, and connected devices. We recognized goodwill and other intangible assets of $52 million and $35 million, respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed. Goodwill was assigned to the CSG reportable segment, based on the expected benefits and synergies that are likely to be realized from the Riscure acquisition. We do not expect the goodwill recognized or any potential impairment charges in the future to be deductible for income tax purposes. Acquisition of AnaPico AG On June 12, 2024, we acquired all the outstanding share capital of AnaPico AG ("AnaPico") for $117 million, net of cash acquired, accelerating our strategy to expand our customer base in chipset, device, automotive, aerospace, defense, and government markets. We recognized goodwill and other intangible assets of $65 million and $53 million respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed. 2023-11-03 0.506 477000000 458000000 7000000 155 25000000 119000000 -27000000 -47000000 98000000 <div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">The following table summarizes the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed on the closing date:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:80.040%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.760%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">November 3, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash and cash equivalents</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Short-term investments</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">12</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accounts receivable</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">28</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other current assets</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">18</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Property, plant and equipment</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">4</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating lease right-of-use assets</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">8</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Goodwill</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">603</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other intangible assets</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">494</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other assets</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">3</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px

7pt;text-align:left;vertical-align:bottom">Total assets acquired</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,205 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accounts payable</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(8)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Employee compensation and benefits</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(23)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Deferred revenue</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(14)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Income and other taxes payable</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating lease liabilities</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other accrued liabilities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(18)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Debt</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(24)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Retirement and post-retirement benefits</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-term operating lease liabilities</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other long-term liabilities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(115)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Net assets acquired</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">977 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table></div> 35000000 12000000 28000000 18000000 4000000 8000000 603000000 494000000 3000000 1205000000 8000000 -23000000 14000000 -11000000 -3000000 18000000 24000000 -7000000 5000000 115000000 977000000 8000000 3000000 5000000 <div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">The components of intangible assets acquired in connection with the ESI Group acquisition were as follows:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:60.818%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.650%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.381%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.651%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Estimated Fair Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Estimated useful life</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in years)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Developed technology</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">270 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">6</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer relationships</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">160</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:center;vertical-align:bottom">6</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Backlog</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">15</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">3</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Trademarks/Tradename</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">2</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:center;vertical-align:bottom">2</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total amortizable intangible assets</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">447</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">In-process research and development</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">47</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total intangible assets</td><td

style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">494 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr></table>
270000000 P6Y 160000000 P6Y 15000000 P3Y 2000000 P2Y 447000000 47000000 494000000 0.12 7000000 9000000 30000000 3000000 9000000 The following represents pro forma operating results as if ESI Group had been included in the company's condensed consolidated statements of operations as of the beginning of fiscal 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:54.455%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.869%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="18" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions, except per-share amounts)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net revenue</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,409 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,276 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">398 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">260 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">717 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">785 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income per share - Basic</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2.28 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1.46 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4.11 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4.41 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income per share - Diluted</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2.27 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1.45 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">4.09 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-

weight:400;line-height:100%">4.38 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 1217000000 1409000000 3692000000 4276000000 398000000 260000000 717000000 785000000 2.28 1.46 4.11 4.41 2.27 1.45 4.09 4.38 2024-02-21 78000000 52000000 35000000 2024-06-12 117000000 65000000 53000000 3. REVENUE Disaggregation of Revenue We disaggregate our revenue from contracts with customers by geographic region, end market, and timing of revenue recognition, as we believe these categories best depict how the nature, amount, timing and uncertainty of our revenue and cash flows are affected by economic factors. Disaggregated revenue is presented for each of our reportable segments, CSG and EISG. <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:32.087%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.433%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Region</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Americas</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">402 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">98 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">500 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">446 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">110 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">556 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Europe</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">125 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">96 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">221 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">139 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">104 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">243 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Asia Pacific</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">320 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">176 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-

size:10pt;font-weight:400;line-height:100%">496 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">333 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">250 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">583 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">918 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,382 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">End Market</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aerospace, Defense & Government</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">275 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">275 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">307 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">307 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Commercial Communications</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">572 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">572 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">611 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">611 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Electronic Industrial</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-

color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">918 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,382 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Timing of Revenue Recognition</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized at a point in time</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">660 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">298 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">958 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">749 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">395 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,144 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized over time</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">187 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">72 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">259 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">169 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">69 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">238 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-

align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">918 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,382 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:32.087%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.433%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Region</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Americas</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,216 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">290 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,506 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,322 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">312 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,634 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-

weight:400;line-height:100%">Europe</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">384 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">320 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">704 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">414 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">315 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">729 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Asia Pacific</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">926 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">556 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,482 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,058 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">732 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,790 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,526 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,794 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,153 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">End Market</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aerospace, Defense & Government</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">927 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-

align:right;vertical-align:bottom">927 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Commercial Communications</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,679 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,679 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,867 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,867 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Electronic Industrial</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,526 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,794 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">4,153 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Timing of Revenue Recognition</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized at a point in time</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,972 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">951 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,923 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,301 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-

serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,165 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3,466 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized over time</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">554 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">215 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">769 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">493 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">194 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">687 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,526 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,794 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">4,153 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Our point-in-time revenues are generated predominantly from the sale of various types of design and test software and hardware, and per-incident repair and calibration services. Perpetual software and the portion of term software subscription revenue in this category represent revenue recognized upfront upon transfer of control at the time of electronic delivery. Revenue on per-incident repair and calibration services is recognized when services are performed. Over-time revenues are generated predominantly from the repair and calibration contracts, extended warranties, technical support for hardware and software, certain software subscription and Software as a Service (“SaaS”) product offerings, and professional services. Technical support for software and when-and-if available software updates and upgrades are sold either together with our software licenses and software subscriptions, including SaaS, or separately as part of our customer support programs. Additionally, we provide custom solutions that include combinations of hardware, software, software subscriptions, installation, professional services, and other support services, and revenue may be recognized either up front upon delivery or over time depending upon the terms of the contract. Contract Balances Contract assets   Contract assets consist of unbilled receivables and are recorded when revenue is recognized in advance of scheduled billings to our customers. These amounts are primarily related to solutions and support arrangements when transfer of control has occurred but we have not yet invoiced. The contract assets balance was $91 million and $58 million as of July 31, 2024 and October 31, 2023, respectively, and is included in “accounts receivables, net” and “other assets” in the condensed consolidated balance sheet. Contract costs We capitalize direct and incremental costs incurred to acquire contracts for which the associated revenue is expected to be recognized in future periods. We have determined that certain employee and third-party representative commission programs meet the requirements to be capitalized. These costs are initially deferred and typically amortized over the term of the customer contract which corresponds to the period of benefit. Capitalized contract costs were $37 million and $43 million as of July 31, 2024 and October 31, 2023, respectively, and are included in “other current assets” and “other assets” in the condensed consolidated balance sheet. The amortization expense associated with these capitalized costs was $13 million and $43 million for the three and nine months ended July 31, 2024, respectively, and $13 million and $50 million for the corresponding periods last year. Contract liabilities Our contract liabilities consist of deferred revenue that arises when we receive consideration in advance of providing the goods or services promised in the contract. Contract liabilities are primarily generated from customer deposits received in advance of shipments for products or rendering of services and are recognized as revenue when products are shipped or services are provided to the customer. We classify deferred revenue as current or non-current based on the timing of when we expect to recognize revenue. The following table provides a roll-forward of our contract liabilities, current and non-current: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:80.186%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.614%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-

size:8pt;font-weight:700;line-height:100%">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balance at October 31, 2023</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">757 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Deferral of revenue billed in current period, net of recognition</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">440 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Deferred revenue arising out of acquisitions</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized that was deferred as of the beginning of the period</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(475)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Foreign currency translation impact</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balance at July 31, 2024</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">744 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Of the $475 million of revenue recognized in the nine months ended July 31, 2024 that was deferred as of the beginning of the period, approximately $105 million was recognized in the three months ended July 31, 2024. Remaining Performance Obligations Our remaining performance obligations, excluding contracts that have an original expected duration of one year or less, was approximately $570 million as of July 31, 2024, and represents the company's obligation to deliver products and services and obtain customer acceptance on delivered products. As of July 31, 2024, we expect to fulfill 16 percent of these remaining performance obligations during the remainder of 2024, 51 percent during 2025, and 33 percent thereafter.</div> <div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">We disaggregate our revenue from contracts with customers by geographic region, end market, and timing of revenue recognition, as we believe these categories best depict how the nature, amount, timing and uncertainty of our revenue and cash flows are affected by economic factors. Disaggregated revenue is presented for each of our reportable segments, CSG and EISG.</div><div style="margin-bottom:6pt;margin-top:3pt"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:32.087%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.433%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Region</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Americas</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">402 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">98 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">500 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-

align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">446 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">110 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">556 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Europe</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">125 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">96 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">221 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">139 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">104 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">243 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Asia Pacific</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">320 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">176 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">496 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">333 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">250 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">583 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">918 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,382 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">End Market</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aerospace, Defense & Government</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">275 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">275 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">307 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">307 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Commercial Communications</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">572 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">572 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">611 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">611 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Electronic Industrial</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">918 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,382 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Timing of Revenue Recognition</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized at a point in time</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">660 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-

align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">298 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">958 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">749 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">395 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,144 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized over time</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">187 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">72 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">259 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">169 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">69 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">238 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">918 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,382 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:32.087%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.433%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td>

colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Region</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Americas</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,216 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">290 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,506 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,322 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">312 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,634 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Europe</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">384 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">320 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">704 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">414 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">315 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">729 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Asia Pacific</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">926 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">556 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,482 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,058 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">732 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,790 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,526 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,794 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,153 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-

color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">End Market</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aerospace, Defense & Government</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">927 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">927 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Commercial Communications</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,679 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,679 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,867 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,867 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Electronic Industrial</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,526 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,794 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid

#000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">4,153 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Timing of Revenue Recognition</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized at a point in time</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,972 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">951 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,923 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,301 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,165 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3,466 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized over time</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">554 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">215 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">769 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">493 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">194 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">687 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total revenue</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,526 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,794 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">4,153 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Our point-in-time revenues are generated predominantly from the sale of various types of design and test software and hardware, and per-incident repair and calibration services. Perpetual software and the portion of term software subscription revenue in this category represent revenue recognized upfront upon transfer of control at the time of electronic delivery. Revenue on per-incident repair and calibration services is recognized when services are performed. Over-time revenues are generated predominantly from the repair and calibration contracts, extended warranties, technical support for hardware and software,

certain software subscription and Software as a Service (“SaaS”) product offerings, and professional services. Technical support for software and when-and-if available software updates and upgrades are sold either together with our software licenses and software subscriptions, including SaaS, or separately as part of our customer support programs. Additionally, we provide custom solutions that include combinations of hardware, software, software subscriptions, installation, professional services, and other support services, and revenue may be recognized either up front upon delivery or over time depending upon the terms of the contract. 402000000 98000000 500000000 446000000 110000000 556000000 125000000 96000000 221000000 139000000 104000000 243000000 320000000 176000000 496000000 333000000 250000000 583000000 847000000 370000000 1217000000 918000000 464000000 1382000000 275000000 0 275000000 307000000 0 307000000 572000000 0 572000000 611000000 0 611000000 0 370000000 370000000 0 464000000 464000000 847000000 370000000 1217000000 918000000 464000000 1382000000 660000000 298000000 958000000 749000000 395000000 1144000000 187000000 72000000 259000000 169000000 69000000 238000000 847000000 370000000 1217000000 918000000 464000000 1382000000 1216000000 290000000 1506000000 1322000000 312000000 1634000000 384000000 320000000 704000000 414000000 315000000 729000000 926000000 556000000 1482000000 1058000000 732000000 1790000000 2526000000 1166000000 3692000000 2794000000 1359000000 4153000000 847000000 0 847000000 927000000 0 927000000 1679000000 0 1679000000 1867000000 0 1867000000 0 1166000000 1166000000 0 1359000000 1359000000 2526000000 1166000000 3692000000 2794000000 1359000000 4153000000 1972000000 951000000 2923000000 2301000000 1165000000 3466000000 554000000 215000000 769000000 493000000 194000000 687000000 2526000000 1166000000 3692000000 2794000000 1359000000 4153000000 91000000 91000000 58000000 58000000 37000000 43000000 13000000 43000000 13000000 50000000 The following table provides a roll-forward of our contract liabilities, current and non-current: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:80.186%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.614%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balance at October 31, 2023</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">757 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Deferral of revenue billed in current period, net of recognition</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">440 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Deferred revenue arising out of acquisitions</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue recognized that was deferred as of the beginning of the period</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(475)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Foreign currency translation impact</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balance at July 31, 2024</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">744 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Of the $475 million of revenue recognized in the nine months ended July 31, 2024 that was deferred as of the beginning of the period, approximately $105 million was recognized in the three months ended July 31, 2024. 757000000 440000000 19000000 475000000 3000000 744000000 475000000 105000000 Remaining Performance Obligations Our remaining performance obligations, excluding contracts that have an original expected duration of one year or less, was approximately $570 million as of July 31, 2024, and represents the company’s obligation to deliver products and services and obtain customer acceptance on delivered products. As of July 31, 2024, we expect to fulfill 16 percent of these remaining performance obligations during the remainder of 2024, 51 percent during 2025, and 33 percent thereafter. 570000000 0.16 2024-0.51 2025-0.33 4. SHARE-BASED COMPENSATION Keysight accounts for share-based awards in accordance with the provisions of the authoritative accounting guidance, which requires the measurement and recognition of compensation expense for all share-based payment awards made to our employees and directors, including restricted stock units (“RSUs”), employee stock purchases made under our Employee Stock Purchase Plan (“ESPP”), and performance share awards granted to selected members of our senior management under the Long-Term Performance (“LTP”) Program, based on estimated fair values. The impact of share-based compensation expense on the condensed consolidated statement of operations was as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:50.215%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.602%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cost of products and services</td><td style="background-

color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">22 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Research and development</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">31 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">66 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">60 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total share-based compensation expense</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">118 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">111 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> For the three and nine months ended July 31, 2024, the total share-based compensation expense includes $3 million and $9 million, respectively, of ESI Group acquisition-related compensation to redeem certain outstanding unvested stock awards as of the date of the acquisition that were determined to relate to post-merger service periods. Share-based compensation capitalized within inventory was $2 million as of July 31, 2024 and 2023.</div> <div style="margin-bottom:6pt;margin-top:3pt"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:50.215%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.602%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cost of products and services</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New

Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">22 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Research and development</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">31 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">66 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">60 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total share-based compensation expense</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">118 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">111 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table></div> 7000000 4000000 22000000 20000000 8000000 8000000 30000000 31000000 17000000 15000000 66000000 60000000 32000000 27000000 118000000 111000000 3000000 9000000 2000000 2000000 <div style="margin-bottom:6pt;margin-top:3pt;padding-left:18pt;text-indent:-18pt">5. INCOME TAXES</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">The following table provides income tax details:</div><div style="margin-bottom:6pt;margin-top:3pt"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:50.215%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.602%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions, except percentages)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Income before taxes</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#cceeff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">213</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#cceeff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">389</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#cceeff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom"><span

style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">617</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#ceceff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">1,081</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Provision (benefit) for income taxes</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#ffffff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">(176)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#ffffff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">101</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td colspan="2" style="background-color:#ffffff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">(70)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#ffffff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">250</td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Effective tax rate</td><td colspan="2" style="background-color:#ceceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(81.9)</td><td style="background-color:#ceceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25.8 </td><td style="background-color:#ceceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11.2)</td><td style="background-color:#ceceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23.1 </td><td style="background-color:#ceceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr></table> There was a tax benefit for the three and nine months ended July 31, 2024, as compared to the overall tax expense for the same periods last year, primarily due to one-time discrete tax benefits, as explained below, and a decrease in income before taxes in the current year. The income tax benefit for the three and nine months ended July 31, 2024 included a net discrete benefit of $179 million and $178 million, respectively. The income tax expense for the three and nine months ended July 31, 2023 included a net discrete expense of $19 million and $21 million, respectively. The discrete tax benefit for the three and nine months ended July 31, 2024 includes a $165 million benefit related to the deduction in the U.S. for intangible assets for purposes of determining income or loss under IRC § 951A(c). On June 14, 2019, the U.S. Department of the Treasury (“Treasury”) issued final regulations relating to Global Intangible Low Taxed Income (“GILTI”) under IRC § 951A (the “tax regulations”). The tax regulations contained language which disallowed GILTI tax deductions for intangible asset amortization resulting from the Singapore restructuring completed in 2018. During the quarter, the company concluded, in response to recent U.S. Supreme Court decisions on a number of relevant cases, the evolving global tax landscape and other changes in circumstances, that Treasury exceeded its regulatory authority and the intangible asset amortization should be deductible. The company amended its U.S. federal income tax returns for the open tax years to claim the deduction and recognized the discrete benefit in the condensed consolidated financial statements. The tax receivable resulting from the amended returns is reflected as “other assets” in the condensed consolidated balance sheet. The GILTI tax benefit for the fiscal year 2024 amortization is included in the annual effective tax rate, and the Singapore intangible assets will continue to be amortized for GILTI tax purposes until 2033. The company believes the position meets the more likely than not recognition threshold. The company intends to vigorously defend its position. The outcome cannot be predicted with certainty. If we are ultimately unsuccessful in defending our position, we may be required to reverse the benefit previously recorded. The discrete tax benefit for the three and nine months ended July 31, 2024 also includes a $61 million benefit for the settlement of a Malaysia uncertain tax position. In the fourth quarter of fiscal year 2017, Keysight was assessed and paid income tax and penalties in Malaysia on gains related to the transfer of intellectual property rights. The company disputed this assessment and filed an appeal with the Court of Appeal in Malaysia. The Court of Appeal’s decision was rendered in Keysight’s favor on May 24, 2024, and the company received a refund of the income tax and penalties. At the time of the original assessment, the company had recorded a tax reserve for the assessed amount; the tax reserve was released as a result of the Court of Appeal decision. Additionally, the income tax benefit for the three and nine months ended July 31, 2024 is offset by a discrete expense of $35 million due to a change in the potential U.S. benefit associated with the future resolution of non-U.S. tax reserves. Keysight benefits from tax incentives in several jurisdictions, most significantly in Singapore and Malaysia. The tax incentives provide lower rates of taxation on certain classes of income and require thresholds of investments and employment in those jurisdictions. The Malaysia tax incentive expires October 31, 2025. The Singapore tax incentive expired July 31, 2024. The expiration of the Singapore tax incentive in the current year has been reflected in the annual tax forecast. The impact of the tax incentives decreased the income tax provision by $35 million and $73 million for the nine months ended July 31, 2024 and 2023, respectively. The decrease in the tax benefit for the nine months ended July 31, 2024 is primarily due to a decrease in earnings taxed at incentive rates and the impact of the expiration of the Singapore tax incentive. The company is pursuing options to renew the Singapore tax incentive with retroactive effect to August 1, 2024. The open tax years for the U.S. federal income tax return and most state income tax returns are from November 1, 2019 through the current tax year. For the majority of our non-U.S. entities, the open tax years are from November 1, 2018 through the current tax year. At this time, management does not believe that the outcome of any future or currently ongoing examination will have a material impact on our consolidated financial statements. We believe that we have an adequate provision for any adjustments that may result from tax examinations. However, the outcome of tax examinations cannot be predicted with certainty. Given the numerous tax years and matters that remain subject to examination in various tax jurisdictions, the ultimate resolution of current and future tax examinations could be inconsistent with management’s current expectations. If that were to occur, it could have an impact on our effective tax rate in the period in which such examinations are resolved. The following table provides income tax details: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:50.215%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.602%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:8pt;font-

weight:700;line-height:100%">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions, except percentages)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Income before taxes</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#cceeff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">213</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#cceeff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">389</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#cceeff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">617</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#cceeff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">1,081</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Provision (benefit) for income taxes</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#ffffff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">(176)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#ffffff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">101</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="2" style="background-color:#ffffff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">(70)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td colspan="2" style="background-color:#ffffff;padding:2px 7pt 2px 0;text-align:right;vertical-align:bottom">250</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Effective tax rate</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(81.9)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25.8 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11.2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23.1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr></table> 213000000 389000000 617000000 1081000000 -176000000 101000000 -70000000 250000000 -0.819 0.258 -0.112 0.231 -179000000 178000000 19000000 21000000 165000000 165000000 61000000 61000000 35000000 35000000 Keysight benefits from tax incentives in several jurisdictions, most significantly in Singapore and Malaysia. The tax incentives provide lower rates of taxation on certain classes of income and require thresholds of investments and employment in those jurisdictions. The Malaysia tax incentive expires October 31, 2025. The Singapore tax incentive expired July 31, 2024. The expiration of the Singapore tax incentive in the current year has been reflected in the annual tax forecast. The impact of the tax incentives decreased the income tax provision 35000000 73000000 6. NET INCOME PER SHARE The following table presents the calculation of basic and diluted net income per share: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:54.163%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.577%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions, except per-share amounts)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">389 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">288 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-

align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">687 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">831 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Basic weighted-average shares</td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">174 </td><td style="background-color:#ffffff;border-top:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">178 </td><td style="background-color:#ffffff;border-top:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt 0 19pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">174 </td><td style="background-color:#ffffff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">178 </td><td style="background-color:#ffffff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">Potential common shares</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt 0 19pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted weighted-average shares</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">175 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">179 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">175 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">179 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income per share - basic</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">2.23 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">1.62 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">3.94 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">4.66 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income per share - diluted</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">2.22 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">1.61 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">3.92 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">4.63 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> Diluted shares outstanding primarily include the dilutive effect of non-vested awards and in-the-money options. The diluted effect of such awards is calculated based on the average share price of each period using the treasury stock method, except where the inclusion of such awards would have an anti-dilutive impact. Anti-dilutive shares excluded from the calculation of diluted earnings per share were immaterial for the three and nine months ended July 31, 2024 and 2023 The following table presents the calculation of basic and diluted net income per share: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:54.163%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td

style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.577%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions, except per-share amounts)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">389 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">288 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">687 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">831 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Basic weighted-average shares</td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">174 </td><td style="background-color:#ffffff;border-top:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">178 </td><td style="background-color:#ffffff;border-top:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt 0 19pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">174 </td><td style="background-color:#ffffff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">178 </td><td style="background-color:#ffffff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Potential common shares</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt 0 19pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted weighted-average shares</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">175 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">179 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">175 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">179 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net income per share - basic</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">2.23 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">1.62 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">3.94 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">4.66 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New

Roman';sans-serif;font-size:10pt;font-weight:400;line-height:100%">Net income per share - diluted</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">2.22 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">1.61 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">3.92 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">4.63 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> Diluted shares outstanding primarily include the dilutive effect of non-vested awards and in-the-money options. The diluted effect of such awards is calculated based on the average share price of each period using the treasury stock method, except where the inclusion of such awards would have an anti-dilutive impact. Anti-dilutive shares excluded from the calculation of diluted earnings per share were immaterial for the three and nine months ended July 31, 2024 and 2023 389000000 288000000 687000000 831000000 174000000 178000000 174000000 178000000 1000000 1000000 1000000 1000000 175000000 179000000 175000000 179000000 2.23 1.62 3.94 4.66 2.22 1.61 3.92 4.63 0 0 0 0 7. GOODWILL AND OTHER INTANGIBLE ASSETS The goodwill balance as of July 31, 2024 and October 31, 2023 and the activity for the nine months ended July 31, 2024 for each of our reportable operating segments were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;text-align:justify;text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:59.280%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.622%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="15" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Goodwill at October 31, 2023</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,057 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">583 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,640 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Foreign currency translation impact</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Goodwill arising from acquisitions</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">185 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">558 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">743 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Goodwill at July 31, 2024</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,245 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,146 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,391 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> There were no impairments for the three and nine months ended July 31, 2024 and 2023. As of July 31, 2024 and October 31, 2023, accumulated impairment losses

on goodwill was $709 million.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Other intangible assets as of July 31, 2024 and October 31, 2023 consisted of the following:</div><div style="margin-bottom:6pt;margin-top:3pt"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:36.326%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.849%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Gross
Carrying
Amount</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Accumulated
Amortization</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Net Book
Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Gross
Carrying
Amount</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Accumulated
Amortization</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Net Book
Value</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Developed technology</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,367 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,000 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">367 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,033 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">949 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">84 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Backlog</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">37 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Trademark/Tradename</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">38 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">36 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">33 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer relationships</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">587 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0

2px 1pt;text-align:right;vertical-align:bottom">387 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">200 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">406 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">340 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">66 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total amortizable intangible assets</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,029 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,445 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">584 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,494 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,339 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">155 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">In-Process R&D</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">53 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">53 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,082 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,445 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">637 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,494 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,339 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">155 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> During the nine months ended July 31, 2024, we recognized additions to goodwill and other intangible assets of $743 million and $582 million, respectively, based on the preliminary allocation of the purchase price to the estimated fair values of the assets acquired and liabilities assumed from the

acquisition of ESI Group and other acquisition activity. See Note 2, "Acquisitions," for additional information. During the nine months ended July 31, 2024, we transferred $7 million from in-process R&D to developed technology as projects were successfully completed. Goodwill is assessed for impairment on a reporting unit basis at least annually in the fourth quarter of each year, or more frequently when events and circumstances occur indicating that the recorded goodwill may be impaired. The company has not identified any triggering events that indicate an impairment of goodwill for the nine months ended July 31, 2024. During the nine months ended July 31, 2024, foreign exchange translation had a favorable impact of $6 million on other intangible assets. Amortization of other intangible assets was $31 million and $106 million, respectively, for the three and nine months ended July 31, 2024. Amortization of other intangible assets was $23 million and $71 million, respectively, for the three and nine months ended July 31, 2023.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Estimated intangible assets amortization expense for each of the five succeeding fiscal years is as follows:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:center"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:81.794%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.006%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Amortization expense</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2024 (remainder)</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2025</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">124 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2026</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">111 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2027</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">99 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2028</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">96 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2029</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">88 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Thereafter</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">34 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The goodwill balance as of July 31, 2024 and October 31, 2023 and the activity for the nine months ended July 31, 2024 for each of our reportable operating segments were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:59.280%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.622%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="15" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Goodwill at October 31, 2023</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,057 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">583 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,640 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Foreign currency translation impact</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Goodwill arising from acquisitions</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">185 </td><td style="background-color:#cceeff;padding:2px

1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">558 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">743 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Goodwill at July 31, 2024</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,245 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,146 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,391 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> There were no impairments for the three and nine months ended July 31, 2024 and 2023. As of July 31, 2024 and October 31, 2023, accumulated impairment losses on goodwill was $709 million.</div> 1057000000 583000000 1640000000 3000000 5000000 8000000 185000000 558000000 743000000 1245000000 1146000000 2391000000 0 0 0 0 709000000 709000000 <div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Other intangible assets as of July 31, 2024 and October 31, 2023 consisted of the following:</div><div style="margin-bottom:6pt;margin-top:3pt"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:36.326%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.841%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Gross
Carrying
Amount</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Accumulated
Amortization</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Net Book
Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Gross
Carrying
Amount</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Accumulated
Amortization</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Net Book
Value</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Developed technology</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,367 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,000 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">367 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,033 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">949 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">84 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Backlog</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">37 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">17 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Trademark/Tradename</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">38 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">36 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">33 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer relationships</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">587 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">387 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">200 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">406 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">340 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">66 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total amortizable intangible assets</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,029 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,445 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">584 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,494 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,339 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">155 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">In-Process R&D</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">53 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">53 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,082 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,445 </td><td

style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">637 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,494 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,339 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">155 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 1367000000 1000000000 367000000 1033000000 949000000 84000000 37000000 23000000 14000000 19000000 17000000 2000000 38000000 35000000 3000000 36000000 33000000 3000000 587000000 387000000 200000000 406000000 340000000 66000000 2029000000 1445000000 584000000 1494000000 1339000000 155000000 53000000 53000000 0 0 2082000000 1445000000 637000000 1494000000 1339000000 155000000 743000000 582000000 -7000000 6000000 31000000 106000000 23000000 71000000 Estimated intangible assets amortization expense for each of the five succeeding fiscal years is as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:81.794%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:16.006%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Amortization expense</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2024 (remainder)</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2025</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">124 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2026</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">111 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2027</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">99 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2028</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">96 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2029</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">88 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Thereafter</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">34 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 32000000 124000000 111000000 99000000 96000000 88000000 34000000 8. FAIR VALUE MEASUREMENTS The authoritative guidance defines fair value as the price that would be received from selling an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. When determining the fair value measurements for assets and liabilities required or permitted to be recorded at fair value, we consider the principal or most advantageous market and assumptions that market participants would use when pricing the asset or liability. Fair Value Hierarchy The guidance establishes a fair value hierarchy that prioritizes inputs used in valuation techniques into three levels. A financial instrument's categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the fair value measurement. There are three levels of inputs that may be used to measure fair value: Level 1 - applies to assets or liabilities for which there are quoted prices in active markets for identical assets or liabilities. Level 2 - applies to assets or liabilities for which there are inputs other than quoted prices included within Level 1 that are observable, either directly or indirectly, for the asset or liability such as: quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in less active markets; or other inputs that can be derived principally from, or corroborated by, observable market data. Level 3 - applies to assets or liabilities for which there are unobservable inputs to the valuation methodology that are significant to the measurement of the fair value of the assets or liabilities. Financial Assets and Liabilities Measured at Fair Value on a Recurring Basis Financial assets and liabilities measured at fair value on a recurring basis as of July 31, 2024 and October 31, 2023 were as follows: <table style="border-

collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:29.163%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.771%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.478%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.771%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.625%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:4.906%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="57" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:middle">Fair Value Measurements at</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="27" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:middle">July 31, 2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="27" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:middle">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 2</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 3</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Other</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 2</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 3</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Other</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="57" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Assets:</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Short-term</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Money market funds</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">989 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">989 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span

style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,934 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,934 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">—

2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Other investments</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total assets measured at fair value</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,110 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,067 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,033 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,990 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom"><span

style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-style:italic;font-weight:400;line-height:100%">Short-term</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"

bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">41 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">81 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">81 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">During the nine months ended July 31, 2024, we purchased an equity investment for $10 million.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Our money market funds and equity investments with readily determinable fair values are measured at fair value using quoted market prices and, therefore, are classified within Level 1 of the fair value hierarchy. Equity and fixed income investments or convertible notes without readily determinable fair values that are either measured at cost, adjusted for observable changes in price or impairments, or accounted for under a measurement alternative are not categorized in the fair value hierarchy and are presented as "other investments" in the table above. Our deferred compensation liability is classified as Level 2 because the inputs used in the calculations are observable, although the values are not directly based on quoted market prices. Our derivative financial instruments are classified within Level 2 as there is not an active market for each hedge contract, but the inputs used to calculate the value of the instruments are tied to active markets.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Equity investments, including securities that are earmarked to pay the deferred compensation liability, and the deferred compensation liability are reported at fair value, with gains or losses resulting from changes in fair value recognized in earnings. Certain derivative instruments are reported at fair value, with unrealized gains and losses, net of tax, included in "accumulated other comprehensive income (loss)." The changes in fair value of the equity investment are recorded within "other income (expense), net" in the condensed consolidated statement of operations.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Net recognized gain (loss) on sale of our equity and other investments were as follows:</div><div style="margin-bottom:9pt;margin-top:5pt;text-align:center"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:58.288%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.652%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.382%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.652%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.382%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.652%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.527%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.365%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net realized gain (loss) on equity and other investments sold</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td

style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net unrealized gain (loss) on equity and other investments still held</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Financial assets and liabilities measured at fair value on a recurring basis as of July 31, 2024 and October 31, 2023 were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:29.163%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.771%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.478%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.771%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.625%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:5.186%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:4.906%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="57" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:middle">Fair Value Measurements at</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="27" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:middle">July 31, 2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="27" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:middle">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 2</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 3</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Other</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 2</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 3</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Other</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="57" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Assets:</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Short-term</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td

colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">

height:100%">Equity investments</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">78 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">78 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">56 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">56 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Other investments</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total assets measured at fair value</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,110 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,067 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">2,033 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,990 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">18 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px

1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">25 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Liabilities:</td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Short-term</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Derivative instruments (foreign exchange contracts)</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">54 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Long-term</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Deferred compensation liability</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">33 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">33 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td

colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total liabilities measured at fair value</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">41 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">41 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">81 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">81 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">81 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 989000000 989000000 0 0 1934000000 1934000000 0 0 14000000 0 14000000 0 18000000 0 18000000 0 78000000 78000000 0 0 56000000 56000000 0 0 29000000 0 0 0 29000000 25000000 0 0 0 25000000 1110000000 1067000000 14000000 0 29000000 2033000000 1990000000 18000000 0 25000000 8000000 0 8000000 0 54000000 0 54000000 0 33000000 0 33000000 0 27000000 0 27000000 0 41000000 0 41000000 0 81000000 0 81000000 0 10000000 Net recognized gain (loss) on sale of our equity and other investments were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:58.288%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.652%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.382%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.652%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.382%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.652%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.527%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.365%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3"

style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net realized gain (loss) on equity and other investments sold</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net unrealized gain (loss) on equity and other investments still held</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">13 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 0 0 0 0 3000000 13000000 13000000 20000000 9. DERIVATIVES We are exposed to foreign currency exchange rate fluctuations and interest rate changes in the normal course of our business. As part of our risk management strategy, we use derivative instruments, primarily forward contracts, to hedge economic and/or accounting exposures resulting from changes in foreign currency exchange rates. Cash Flow Hedges We enter into foreign exchange contracts to hedge our forecasted operational cash flow exposures resulting from changes in foreign currency exchange rates. These foreign exchange contracts, carried at fair value, have maturities based on a rolling period of up to twelve months. These derivative instruments are designated and qualify as cash flow hedges under the criteria prescribed in the authoritative guidance. In 2020, we entered into forward-starting interest rate swap agreements with an aggregate notional amount of $600 million associated with future interest payments on anticipated debt issuances through fiscal year 2024. In 2023, we terminated the interest rate swap agreements, resulting in a deferred gain of $107 million recognized in accumulated other comprehensive income (loss) to be amortized to interest expense over the term of the anticipated debt. As part of the ESI Group acquisition, we assumed two interest rate swap agreements with an aggregate notional amount of 5 million euros to hedge the variable interest rate of the syndicate loan. In April 2024, we terminated these interest rate swap agreements resulting in an immaterial impact on earnings. Non-designated Hedges Additionally, we periodically enter into foreign exchange contracts to hedge monetary assets and liabilities that are denominated in currencies other than the functional currency of our subsidiaries. In connection with the acquisition of the ESI Group, we entered into foreign exchange forward contracts to mitigate the currency exchange risk associated with the payment of the purchase price in euros. The aggregate notional amount of the currencies hedged was 930 million euros as of October 31, 2023. These foreign exchange contracts did not qualify for hedge accounting treatment and were not designated as hedging instruments. During the nine months ended July 31, 2024, these foreign exchange forward contracts were settled using existing cash of $63 million, resulting in a loss of $18 million recorded in “other income (expense), net” in the condensed consolidated statement of operations. During the third quarter of fiscal year 2024, we entered into foreign exchange forward contracts with an aggregate notional amount of 1.2 billion pounds sterling to mitigate the currency exchange risk associated with a planned acquisition. These foreign exchange contracts do not qualify for hedge accounting treatment and are not designated as hedging instruments. The resulting net unrealized gain on outstanding contracts was $7 million and was recorded in “other income (expense), net” in the condensed consolidated statement of operations and in “other assets” and “other accrued liabilities” in the condensed consolidated balance sheet for the three and nine months ended July 31, 2024. The aggregate number of open foreign exchange forward contracts designated as “cash flow hedges” and “not designated as hedging instruments” was 207 and 85, respectively, as of July 31, 2024. The net notional amounts by currency and designation as of July 31, 2024 were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:52.554%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.560%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.418%"></td><td style="width:0.1%"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Derivatives in Cash Flow Hedging Relationships</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Derivatives Not Designated as Hedging Instruments</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Forward
Contracts</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Forward
Contracts</td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Currency</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Buy/(Sell)</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Buy/(Sell)</td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td

colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Euro</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">44 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Pound Sterling</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,541 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Singapore Dollar</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Malaysian Ringgit</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">104 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Japanese Yen</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(103)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(66)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other currencies</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(34)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(31)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,503 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> Derivative instruments are subject to master netting arrangements and are disclosed gross in the condensed consolidated balance sheet. The gross fair values and balance sheet presentation of derivative instruments held as of July 31, 2024 and October 31, 2023 were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:23.607%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.473%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.473%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:20.391%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.478%"></td><td style="width:0.1%"></td></tr><tr><td colspan="33" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair Values of Derivative Instruments</td></tr><tr><td colspan="15" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Assets Derivatives</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="15" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Liabilities Derivatives</td></tr><tr><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair Value</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Balance Sheet Location</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Balance Sheet Location</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid

*#000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Derivatives designated as hedging instruments:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">

align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">47 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total derivatives</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">18 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">8 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">54 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The effect of derivative instruments for foreign exchange contracts designated as hedging instruments and for those not designated as hedging instruments in the condensed consolidated statement of operations was as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:57.964%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.695%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.695%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.695%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.699%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Derivatives designated as hedging instruments:</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash Flow Hedges</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Interest rate swap contracts:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Gain (loss) recognized in accumulated other comprehensive income (loss)</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(26)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Foreign exchange contracts:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Gain (loss) recognized in accumulated other comprehensive income (loss)</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New

Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Gain (loss) reclassified from accumulated other comprehensive income (loss) into earnings:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Cost of products</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Gain (loss) excluded from effectiveness testing recognized in earnings based on amortization approach:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Cost of products</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Cost of products</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td

style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Derivatives not designated as hedging instruments:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Gain (loss) recognized in:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:top">Other income (expense), net</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(12)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The estimated amount as of July 31, 2024 expected to be reclassified from accumulated other comprehensive income (loss) to earnings within the next twelve months is a gain of $9 million.</div> 600000000 107000000 5000000 930000000 63000000 18000000 1200000000 7000000 207 85 The net notional amounts by currency and designation as of July 31, 2024 were as follows:<div style="margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:52.554%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.560%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.418%"></td><td style="width:0.1%"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Derivatives in Cash Flow Hedging Relationships</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Derivatives Not Designated as Hedging Instruments</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Forward
Contracts</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Forward
Contracts</td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Currency</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Buy/(Sell)</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Buy/(Sell)</td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Euro</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">21 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">44 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Pound Sterling</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,541 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Singapore Dollar</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">35 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Malaysian Ringgit</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">104 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-

color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Japanese Yen</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(103)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(66)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other currencies</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(34)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(31)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,503 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> 21000000 44000000 9000000 1541000000 35000000 4000000 104000000 11000000 103000000 66000000 34000000 31000000 32000000 1503000000 Derivative instruments are subject to master netting arrangements and are disclosed gross in the condensed consolidated balance sheet. The gross fair values and balance sheet presentation of derivative instruments held as of July 31, 2024 and October 31, 2023 were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:23.607%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.473%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.473%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:20.391%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.478%"></td><td style="width:0.1%"></td></tr><tr><td colspan="33" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair Values of Derivative Instruments</td></tr><tr><td colspan="15" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Assets Derivatives</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="15" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Liabilities Derivatives</td></tr><tr><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair Value</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Balance Sheet Location</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Balance Sheet Location</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Derivatives designated as hedging instruments:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash flow hedges</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Foreign exchange contracts</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;text-indent:9pt;vertical-align:bottom">Other current assets</td><td colspan="3" style="background-

color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other accrued liabilities</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Derivatives not designated as hedging instruments:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Foreign exchange contracts</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;text-indent:9pt;vertical-align:bottom">Other current assets</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other accrued liabilities</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">47 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total derivatives</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">18 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">54 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 4000000 16000000 3000000 7000000 10000000 2000000 5000000 47000000 14000000 18000000 8000000 54000000 The effect of derivative instruments for foreign exchange contracts designated as hedging instruments and for those not designated as hedging instruments in the condensed consolidated statement of operations was as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:57.964%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.695%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td

style="width:8.695%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.695%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.699%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Derivatives designated as hedging instruments:</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom"> </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash Flow Hedges</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Interest rate swap contracts:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Gain (loss) recognized in accumulated other comprehensive income (loss)</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(26)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Foreign exchange contracts:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Gain (loss) recognized in accumulated other comprehensive income (loss)</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Gain (loss) reclassified from accumulated other comprehensive income (loss) into earnings:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Cost of products</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td

colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Gain (loss) excluded from effectiveness testing recognized in earnings based on amortization approach:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Cost of products</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Derivatives not designated as hedging instruments:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:top">Gain (loss) recognized in:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:top">Other income (expense), net</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(12)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-

align:bottom"></td></tr></table> 0 0 0 -26000000 0 3000000 1000000 3000000 3000000 1000000 9000000 5000000 0 0 -1000000 -1000000 0 2000000 3000000 4000000 -1000000 0 -1000000 0 8000000 -2000000 -12000000 -2000000 9000000 10. DEBT The following table summarizes the components of our debt: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.853%"><tr><td style="width:1.0%"></td><td style="width:72.838%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.637%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.385%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.640%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2024 Senior Notes at 4.55% ($600 face amount less unamortized costs of zero and $1)</div></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">600 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">599 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2027 Senior Notes at 4.60% ($700 face amount less unamortized costs of $2 and $2) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">698 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">698 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2029 Senior Notes at 3.00% ($500 face amount less unamortized costs of $2 and $3)</div></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">498 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">497 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total debt</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,796 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,794 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Less: Current portion of long-term debt</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">600 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">599 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-Term Debt</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,196 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,195 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Revolving Credit Facility On July 30, 2021, we entered into an amended and restated credit agreement (the "Revolving Credit Facility") which provides a $750 million five-year unsecured revolving credit facility that expires on July 30, 2026 with an annual interest rate of LIBOR + 1 percent along with a facility fee of 0.125 percent per annum. On February 17, 2023, we entered into the first amendment to the Revolving Credit Facility to change the annual interest rate from LIBOR + 1 percent to SOFR + 1.1 percent. In addition, the Revolving Credit Facility permits the company, subject to certain customary conditions, on one or more occasions to request to increase the total commitments under the Revolving Credit Facility by up to $250 million in the aggregate. We may use amounts borrowed under the Revolving Credit Facility for general corporate purposes. As of July 31, 2024 and October 31, 2023, we had no borrowings outstanding under the Revolving Credit Facility. We were in compliance with the covenants of the Revolving Credit Facility during the nine months ended July 31, 2024. Senior Notes There have been no changes to the principal, maturity, interest rates and interest payment terms of the senior notes during the nine months ended July 31, 2024 as compared to the senior notes described in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023. The fair value of our debt, which is calculated from quoted prices that are primarily Level 1 inputs under the accounting guidance fair value hierarchy was approximately $1,751 million and $1,679 million as of July 31, 2024 and October 31, 2023, respectively. Bridge Facility On March 28, 2024, we entered into a bridge credit agreement (the "Bridge Facility") pursuant to which certain lenders agreed to provide a senior unsecured 364-day bridge credit facility of up to 1,350 million pounds sterling for the purpose of providing the financing to support a planned acquisition. On July 25, 2024, the Bridge Facility was decreased to 1,232 million pounds sterling. We incurred costs in connection with the Bridge Facility of $7 million that are included in "other current assets" in the condensed consolidated balance sheet and are being amortized to interest expense over the term of the Bridge Facility. Letters of credit As of July 31, 2024 and October 31, 2023, we had $43 million and $41 million, respectively, of outstanding letters of credit and surety bonds unrelated to the credit facility that were issued by various lenders. <div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-

indent:27pt">ESI Group debt and credit facility assumed As part of the ESI Group acquisition, we assumed debt of $24 million, of which $10 million was payable within one year. The debt included a syndicated loan of $11 million payable through yearly installments until April 2025 with an annual interest rate of EURIBOR + 2 to 2.5 percent. We also assumed various fixed interest rate state-guaranteed loans and other bank borrowings of $13 million. During the nine months ended July 31, 2024, we repaid the debt assumed as part of the acquisition. As part of the ESI Group acquisition, we assumed a revolving credit facility of 10 million euros that was subsequently terminated in April 2024. The following table summarizes the components of our debt: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.853%"><tr><td style="width:1.0%"></td><td style="width:72.838%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.637%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.385%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.640%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2024 Senior Notes at 4.55% ($600 face amount less unamortized costs of zero and $1)</div></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">600 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">599 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2027 Senior Notes at 4.60% ($700 face amount less unamortized costs of $2 and $2) </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">698 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">698 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> 2029 Senior Notes at 3.00% ($500 face amount less unamortized costs of $2 and $3)</div></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">498 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">497 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total debt</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,796 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,794 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Less: Current portion of long-term debt</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">600 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">599 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-Term Debt</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,196 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,195 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 0.0455 600000000 0 1000000 600000000 599000000 0.0460 700000000 2000000 2000000 698000000 698000000 0.0300 500000000 2000000 3000000 498000000 497000000 1796000000 1794000000 600000000 599000000 1196000000 1195000000 2021-07-30 750000000 2026-07-30 On February 17, 2023, we entered into the first amendment to the Revolving Credit Facility to change the annual interest rate from LIBOR + 1 percent to SOFR + 1.1 percent. 250000000 0 0 We were in compliance with the covenants of the Revolving Credit Facility during the nine months ended July 31, 2024. 1751000000 1679000000 On March 28, 2024, we entered into a bridge credit agreement (the "Bridge Facility") pursuant to which certain lenders agreed to provide a senior unsecured 364-day bridge credit facility of up to 1,350 million pounds sterling for the purpose of providing the financing to support a planned acquisition. On July 25, 2024, the Bridge Facility was decreased to 1,232 million pounds sterling. We incurred costs in connection with the Bridge Facility of $7 million that are included in "other current assets" in the condensed consolidated balance sheet and are being amortized to interest expense over the term of the Bridge Facility. 2024-03-28 P364D 1350000000 1232000000 7000000 43000000 41000000 24000000 10000000 11000000 EURIBOR + 2 to 2.5 percent 13000000 13000000 10000000 11. RETIREMENT PLANS AND POST-RETIREMENT BENEFIT PLANS For the three and nine months ended July 31, 2024 and 2023, our net pension and post-retirement benefit cost (benefit) consisted of the following: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:43.344%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.681%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Pensions</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-

align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">U.S. Defined Benefit Plans</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Non-U.S. Defined Benefit
Plans</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">U.S. Post-Retirement
Benefit Plan</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Service cost—benefits earned during the period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Interest cost on benefit obligation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Expected return on plan assets</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(12)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(13)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(13)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amortization of net actuarial loss</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-

align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none">

family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Interest cost on benefit obligation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">28 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Expected return on plan assets</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(36)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(37)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(39)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amortization of net actuarial loss</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net periodic benefit cost (benefit)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-

family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> We record the service cost component of net periodic benefit cost (benefit) in the same line item as other employee compensation costs. The non-service components of net periodic benefit cost (benefit), such as interest cost, expected return on assets, amortization of prior service cost, and actuarial gains or losses, are recorded within "other income (expense), net" in the condensed consolidated statement of operations. We did not contribute to our U.S. defined benefit plans or U.S. post-retirement benefit plan during the three and nine months ended July 31, 2024 and 2023. We contributed $3 million and $8 million, respectively, to our non-U.S. defined benefit plans during the three and nine months ended July 31, 2024. We contributed $2 million and $7 million, respectively, to our non-U.S. defined benefit plans during the three and nine months ended July 31, 2023. For the remainder of 2024, we do not expect to contribute to our U.S. defined benefit plan and U.S. post-retirement benefit plan, and we expect to contribute $2 million to our non-U.S. defined benefit plans. The amounts we contribute depend upon, among other things, legal requirements, underlying asset returns, the plan's funded status, the anticipated tax deductibility of the contribution, local practices, employee retirements, market conditions, interest rates and other factors.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">For the three and nine months ended July 31, 2024 and 2023, our net pension and post-retirement benefit cost (benefit) consisted of the following:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:43.344%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.681%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Pensions</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">U.S. Defined Benefit Plans</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Non-U.S. Defined Benefit
Plans</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">U.S. Post-Retirement
Benefit Plan</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Service cost—benefits earned during the period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-

color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Interest cost on benefit obligation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Expected return on plan assets</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(12)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(13)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(13)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(13)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amortization of net actuarial loss</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net periodic benefit cost (benefit)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-

align:right;vertical-align:bottom"></td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:43.344%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.671%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.681%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Pensions</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">U.S. Defined Benefit Plans</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Non-U.S. Defined Benefit
Plans</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">U.S. Post-Retirement
Benefit Plan</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Service cost—benefits earned during the period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Interest cost on benefit obligation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">28 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Expected return on plan assets</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(36)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(37)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(39)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(39)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td

colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amortization of net actuarial loss</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net periodic benefit cost (benefit)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 4000000 4000000 3000000 2000000 0 0 10000000 10000000 9000000 8000000 2000000 2000000 12000000 13000000 13000000 13000000 3000000 3000000 -2000000 -2000000 -2000000 -3000000 0 0 4000000 3000000 1000000 0 -1000000 -1000000 11000000 12000000 7000000 7000000 0 0 30000000 28000000 27000000 23000000 6000000 6000000 36000000 37000000 39000000 39000000 9000000 9000000 -7000000 -6000000 -6000000 -7000000 0 -1000000 12000000 9000000 1000000 -2000000 -3000000 -2000000 0 0 0 0 0 0 0 0 3000000 8000000 2000000 7000000 0 0 2000000 12. SUPPLEMENTAL FINANCIAL INFORMATION The following tables provide details of selected balance sheet items: Cash, cash equivalents, and restricted cash <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.853%"><tr><td style="width:1.0%"></td><td style="width:72.692%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.637%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.532%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.639%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash and cash equivalents</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:middle">1,632 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:middle">2,472 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Restricted cash included in other assets</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">17 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-

align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">16 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total cash, cash equivalents, and restricted cash shown in the statement of cash flows</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">1,649 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">2,488 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> Restricted cash relates primarily to deficit reduction contributions to an escrow account for one of our non-U.S. defined benefit pension plans and deposits held as collateral against bank guarantees. Inventory <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:72.876%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.621%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Finished goods</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:middle">379 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:middle">376 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Purchased parts and fabricated assemblies</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">647 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">609 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total inventory</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">1,026 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">985 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr></table> Leases The following table summarizes the components of our lease cost: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:48.315%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.624%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating lease cost</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">14 </td><td style="background-

color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">47 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">40 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Variable lease cost</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Supplemental information related to our operating leases was as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.853%"><tr><td style="width:1.0%"></td><td style="width:72.838%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.637%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.385%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.640%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, </td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash payment for operating leases</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">42 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">40 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Right-of-use assets obtained in exchange for operating lease obligations</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Standard warranty Our warranties on products sold through direct sales channels are primarily for one year. Warranties for products sold through distribution channels are primarily for three years. We accrue for standard warranty costs based on historical trends in warranty charges. The accrual is reviewed regularly and periodically adjusted to reflect changes in warranty cost estimates. Estimated warranty charges are recorded within cost of products at the time related product revenue is recognized. Activity related to the standard warranty accrual, which is included in “other accrued liabilities” and “other long-term liabilities” in the condensed consolidated balance sheet, is as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:72.876%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.621%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, </td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Beginning balance</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">36 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accruals for warranties, including change in estimates</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3"

style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Settlements made during the period</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(20)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(21)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Ending balance</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">34 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accruals for warranties due within one year</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accruals for warranties due after one year</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Ending balance </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">34 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Other current assets <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:72.730%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.621%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Prepaid assets</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">328 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">284 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Other current assets</td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">208 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">168 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total other current assets</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">536 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">452 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Prepaid assets include deposits paid in advance to contract manufacturers of $221 million and $210 million as of July 31, 2024 and October 31, 2023, respectively. Cash, cash equivalents, and restricted cash <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.853%"><tr><td style="width:1.0%"></td><td style="width:72.692%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.637%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.532%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.639%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td

colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash and cash equivalents</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:middle">1,632 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:middle">2,472 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Restricted cash included in other assets</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">17 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">16 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total cash, cash equivalents, and restricted cash shown in the statement of cash flows</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">1,649 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">2,488 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr></table> 1632000000 2472000000 17000000 16000000 1649000000 2488000000 Inventory <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:72.876%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.621%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Finished goods</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:middle">379 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:middle">376 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Purchased parts and fabricated assemblies</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">647 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:middle">609 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total inventory</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">1,026 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:middle"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:middle">985 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:middle"></td></tr></table> 379000000 376000000 647000000 609000000 1026000000 985000000 The following table summarizes the components of our lease cost: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:48.315%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.624%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-

bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating lease cost</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">47 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">40 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Variable lease cost</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Supplemental information related to our operating leases was as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.853%"><tr><td style="width:1.0%"></td><td style="width:72.838%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.637%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.385%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.640%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash payment for operating leases</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">42 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">40 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Right-of-use assets obtained in exchange for operating lease obligations</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 16000000 14000000 47000000 40000000 5000000 5000000 16000000 15000000 42000000 40000000 32000000 32000000 Our warranties on products sold through direct sales channels are primarily for one year. Warranties for products sold through distribution channels are primarily for three years. We accrue for standard warranty costs based on historical trends in warranty charges. The accrual is reviewed regularly and periodically adjusted to reflect changes in warranty cost estimates. Estimated warranty charges are recorded within cost of products at the time related product revenue is recognized. Activity related to the standard warranty accrual, which is included in “other accrued liabilities” and “other long-term liabilities” in the condensed consolidated balance sheet, is as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:72.876%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.621%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)

</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Beginning balance</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">36 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accruals for warranties, including change in estimates</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">16 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Settlements made during the period</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(20)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(21)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Ending balance</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">34 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accruals for warranties due within one year</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accruals for warranties due after one year</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Ending balance </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">34 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Our warranties on products sold through direct sales channels are primarily for one year. Warranties for products sold through distribution channels are primarily for three years. We accrue for standard warranty costs based on historical trends in warranty charges. The accrual is reviewed regularly and periodically adjusted to reflect changes in warranty cost estimates. Estimated warranty charges are recorded within cost of products at the time related product revenue is recognized. 36000000 32000000 16000000 23000000 20000000 21000000 32000000 34000000 20000000 20000000 12000000 14000000 32000000 34000000 Other current assets <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:72.730%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.619%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.621%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Prepaid assets</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">328 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">284 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Other current assets</td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">208 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">168 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total other current assets</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-

align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">536 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">452 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Prepaid assets include deposits paid in advance to contract manufacturers of $221 million and $210 million as of July 31, 2024 and October 31, 2023, respectively. 328000000 284000000 208000000 168000000 536000000 452000000 221000000 210000000 13. COMMITMENTS AND CONTINGENCIES Commitments During the nine months ended July 31, 2024, there were no material changes to the purchase commitments as reported in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023. Contingencies On August 3, 2021, we entered into a Consent Agreement with the Directorate of Defense Trade Controls, Bureau of Political-Military Affairs, Department of State ("DTCC") to resolve alleged violations of the Arms Export Control Act and the International Traffic in Arms Regulations ("ITAR"). Pursuant to the Consent Agreement, we were assessed a penalty of $6.6 million to be paid over three years, $2.5 million of which was suspended and designated for remediation activities over three years, including employment of a special compliance officer. The suspended portion of the penalty was satisfied by amounts spent on qualifying compliance activities. On April 23, 2024, we made the final payment on the penalty, bringing the total amount paid to $4.1 million. On May 3, 2024, we submitted a certification letter to the DTCC certifying that Keysight had implemented all aspects of the Consent Agreement and that Keysight's compliance program is adequate to identify, prevent, detect, correct, and report violations of the ITAR. On May 22, 2024, the DTCC closed the Consent Agreement based on this certification and their conclusion that Keysight had fulfilled the terms of the Consent Agreement. On January 1, 2022, Centripetal Networks filed a lawsuit in Federal District Court in Virginia, alleging that certain Keysight products infringe certain of Centripetal's patents. In addition, in February 2022 Centripetal filed complaints in Germany alleging infringement of certain of Centripetal's German patents, and in April 2022 Centripetal filed a complaint with the International Trade Commission ("ITC") requesting that they investigate whether Keysight violated Section 337 of the Tariff Act ("Section 337") and should be enjoined from importing certain products that are manufactured outside of the U.S. and which are alleged to infringe Centripetal patents. On December 5, 2023, the ITC issued its Notice of Determination that Keysight did not unfairly import products in violation of Section 337 and the investigation was terminated. Centripetal has appealed this determination. On August 21, 2024, Keysight was served in Germany with a complaint filed in the Unified Patent Court alleging that certain Keysight products sold in Germany, France, Italy and the Netherlands infringe a European Centripetal patent. We deny the allegations and are aggressively defending each case. Although there are no matters pending that we currently believe are probable and reasonably possible of having a material impact to our business, consolidated financial position, or results of operations or cash flows, the outcome of litigation is inherently uncertain and is difficult to predict. An adverse outcome in any outstanding lawsuit or proceeding could result in significant monetary damages or injunctive relief. If adverse results are above management's expectations or are unforeseen, management may not have accrued for the liability, which could impact our results in future periods. We are also involved in lawsuits, claims, investigations and proceedings, including, but not limited to, patent, employment, commercial and environmental matters, which arise in the ordinary course of business. 6600000 2500000 4100000 14. STOCKHOLDERS' EQUITY Stock Repurchase Program On March 6, 2023, our board of directors approved a stock repurchase program authorizing the purchase of up to $1,500 million of the company's common stock, of which $635 million remained as of July 31, 2024. Under our stock repurchase program, shares may be purchased from time to time, subject to general business and market conditions and other investment opportunities, through open market purchases, privately negotiated transactions or other means. All such shares and related costs are held as treasury stock and accounted for at trade date using the cost method. The stock repurchase program may be commenced, suspended or discontinued at any time at the company's discretion and does not have an expiration date. For the nine months ended July 31, 2024, we repurchased 2,000,882 shares of common stock for $289 million. For the nine months ended July 31, 2023, we repurchased 1,640,236 shares of common stock for $276 million.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Accumulated Other Comprehensive Loss</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">Changes in accumulated other comprehensive loss by component and related tax effects for the three and nine months ended July 31, 2024 and 2023 were as follows:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:center"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:48.461%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.411%"></td><td style="width:0.1%"></td></tr><tr style="height:27pt"><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" rowspan="2" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Foreign currency translation</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Net defined benefit pension cost and post-retirement plan costs</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" rowspan="2" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Gains (losses) on derivatives</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" rowspan="2" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr style="height:27pt"><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Actuarial losses</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Prior service credits</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="27" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:middle">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of April 30, 2024</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(172)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(377)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">

(6)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">86 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(469)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss) before reclassifications</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amounts reclassified out of accumulated other comprehensive gain (loss)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Tax benefit (expense)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of July 31, 2024</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(140)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(374)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">83 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(437)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr>

<tr style="height:14pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of October 31, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(167)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(382)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">89 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(466)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss) before reclassifications</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">28 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amounts reclassified out of accumulated other comprehensive gain (loss)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(8)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Tax benefit (expense)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of July 31, 2024</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(140)</td><td style="background-

color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(374)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">83 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(437)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:14pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of April 30, 2023</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(115)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(365)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">87 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(399)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss) before reclassifications</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amounts reclassified out of accumulated other comprehensive gain (loss)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Tax benefit (expense)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-

size:10pt;font-weight:400;line-height:100%">(9)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of July 31, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(124)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(361)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">89 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(402)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:14pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of October 31, 2022</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(185)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(373)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">110 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(454)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss) before reclassifications</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">61 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(23)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">38 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amounts reclassified out of accumulated other comprehensive gain (loss)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#ffffff;padding:2px 1pt

2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Tax benefit (expense) </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">61 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(21)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">52 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of July 31, 2023</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(124)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(361)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">89 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(402)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Reclassifications out of accumulated other comprehensive loss into earnings for the three and nine months ended July 31, 2024 and 2023 were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:29.601%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.525%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.525%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.549%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:28.293%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Details about accumulated other comprehensive loss components</td><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Amounts reclassified from accumulated other comprehensive loss</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Affected line item in statement of operations</td></tr><tr><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:middle">(in millions)</td><td

colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Gain (loss) on derivatives</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cost of products</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">— </td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:left;vertical-align:bottom">Selling, general and administrative</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Benefit (provision) for income tax</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net of income tax</td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net defined benefit pension cost and post-retirement plan costs:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 5.5pt;text-align:left;vertical-align:bottom">Net actuarial loss</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(15)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other income (expense), net</td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td

colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Benefit (provision) for income tax</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(8)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(12)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net of income tax</td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total reclassifications for the period</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net of income tax</td></tr></table> 1500000000 635000000 2000882 289000000 1640236 276000000 Changes in accumulated other comprehensive loss by component and related tax effects for the three and nine months ended July 31, 2024 and 2023 were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:48.461%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1

colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(469)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss) before reclassifications</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amounts reclassified out of accumulated other comprehensive gain (loss)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Tax benefit (expense)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">32 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of July 31, 2024</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(140)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(374)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">83 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(437)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:14pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double

#000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of October 31, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(167)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(382)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">89 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(466)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss) before reclassifications</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">28 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amounts reclassified out of accumulated other comprehensive gain (loss)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(8)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Tax benefit (expense)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(2)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">27 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of July 31, 2024</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(140)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(374)</td><td style="background-color:#cceeff;border-

top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">83 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(437)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:14pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of April 30, 2023</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(115)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(365)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">87 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(399)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss) before reclassifications</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amounts reclassified out of accumulated other comprehensive gain (loss)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Tax benefit (expense)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td>

colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of July 31, 2023</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(124)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(361)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">89 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(402)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:14pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of October 31, 2022</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(185)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(373)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">110 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(454)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss) before reclassifications</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">61 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(23)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">38 </td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amounts reclassified out of accumulated other comprehensive gain (loss)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">11 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Tax benefit (expense) </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3"

style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other comprehensive income (loss)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">61 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(21)</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">52 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">As of July 31, 2023</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(124)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(361)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">89 </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">(402)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> -172000000 -377000000 -6000000 86000000 -469000000 32000000 0 0 0 32000000 0 -4000000 0 3000000 -1000000 0 1000000 0 0 1000000 32000000 3000000 0 -3000000 32000000 -140000000 -374000000 -6000000 83000000 -437000000 -167000000 -382000000 -6000000 89000000 -466000000 27000000 0 0 1000000 28000000 0 -11000000 0 8000000 -3000000 0 3000000 0 -1000000 2000000 27000000 8000000 0 -6000000 29000000 -140000000 -374000000 -6000000 83000000 -437000000 -115000000 -365000000 -6000000 87000000 -399000000 -9000000 0 0 3000000 -6000000 0 -5000000 0 1000000 -4000000 0 1000000 0 0 1000000 -9000000 4000000 0 2000000 -3000000 -124000000 -361000000 -6000000 89000000 -402000000 -185000000 -373000000 -6000000 110000000 -454000000 61000000 0 0 -23000000 38000000 0 -15000000 0 4000000 -11000000 0 3000000 0 -6000000 -3000000 61000000 120000000 -21000000 52000000 -124000000 -361000000 -6000000 89000000 -402000000 Reclassifications out of accumulated other comprehensive loss into earnings for the three and nine months ended July 31, 2024 and 2023 were as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:29.601%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.525%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:7.525%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.402%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.549%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:28.293%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Details about accumulated other comprehensive loss components</td><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Amounts reclassified from accumulated other comprehensive loss</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Affected line item in statement of operations</td></tr><tr><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td

colspan="21" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:middle">(in millions)</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Gain (loss) on derivatives</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">9 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">5 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cost of products</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Benefit (provision) for income tax</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net of income tax</td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net defined benefit pension cost and post-retirement plan costs:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 5.5pt;text-align:left;vertical-align:bottom">Net actuarial loss</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(5)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(15)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other income (expense), net</td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td>

<td colspan="2" style="padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Benefit (provision) for income tax</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(8)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(12)</td><td style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net of income tax</td></tr><tr style="height:12pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total reclassifications for the period</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:bottom">(4)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:bottom">(1)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 0;text-align:right;vertical-align:bottom">(9)</td><td style="background-color:#cceeff;border-bottom:3pt double #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Net of income tax</td></tr></table> 3000000 1000000 9000000 5000000 0 0 -1000000 -1000000 0 -1000000 -1000000 -1000000 3000000 0 7000000 3000000 -4000000 -5000000 -11000000 -15000000 -1000000 -1000000 -3000000 -3000000 -3000000 -4000000 -8000000 -12000000 0 -4000000 -1000000 -9000000 15. SEGMENT INFORMATION We report our results in two reportable segments: CSG and EISG. The results of our reportable segments are based on our management reporting system and are not necessarily in conformity with GAAP. The performance of each segment is measured based on several metrics, including income from operations. These results are used, in part, by the chief operating decision maker in evaluating the performance of, and in allocating resources to, each of the segments. The profitability of each of the segments is measured after excluding share-based compensation expense, amortization of acquisition-related balances, acquisition and integration costs, restructuring costs, interest income, interest expense and other items as noted in the reconciliations below. <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:28.139%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.435%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td

colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">918 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,382 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Segment income from operations</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">223 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">74 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">297 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">276 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">157 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">433 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:28.139%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.435%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,526 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom"><span

style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">2,794 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,153 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Segment income from operations</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">672 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">274 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">946 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">454 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,265 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The following table reconciles total reportable operating segments' income from operations to our income before taxes, as reported: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:54.163%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.577%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total reportable operating segments' income from operations</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">297 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">433 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">946 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,265 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Share-based compensation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(32)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(27)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(118)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(111)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amortization of acquisition-related balances</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(31)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-

color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(23)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(106)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(71)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Acquisition and integration costs</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(23)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(59)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Restructuring and others</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(12)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(60)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(31)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Income from operations, as reported</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">205 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">365 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">603 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,041 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Interest income</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">60 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">70 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Interest expense</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(21)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(19)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(61)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(58)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other income (expense), net</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">28 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Income before taxes, as reported</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">213 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">389 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">617 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td

style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,081 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table></div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:27pt">The following table presents segment assets directly managed by each segment:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:25.800%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.605%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Segment assets</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,686 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,966 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7,652 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,410 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,920 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">6,330 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table></div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:18pt">The increase in segment assets for the nine months ended July 31, 2024 primarily represents assets acquired as part of the ESI Group acquisition. See Note 2, “Acquisitions,” for additional information.</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify;text-indent:18pt">The following table reconciles segment assets to our total assets:</div><div style="margin-bottom:6pt;margin-top:3pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.853%"><tr><td style="width:1.0%"></td><td style="width:72.692%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.637%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.532%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.639%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total reportable segments' assets</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7,652 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">6,330 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash and cash equivalents</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,632 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,472 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-term investments</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">107 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-

color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">81 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-term deferred tax assets</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">678 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">671 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accumulated amortization of other intangibles</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1,445)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1,339)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-term tax receivables </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">169 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Pension and other assets</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">530 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">468 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total assets</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">9,323 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">8,683 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 2 <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:28.139%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.435%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">847 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">370 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,217 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">918 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">464 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,382 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-

align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Segment income from operations</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">223 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">74 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">297 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">276 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">157 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">433 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:28.139%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.426%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.326%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.435%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="33" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,526 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,166 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3,692 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,794 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,359 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,153 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Segment income from operations</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">672 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">274 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">946 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-

color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">811 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">454 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,265 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 847000000 370000000 1217000000 918000000 464000000 1382000000 223000000 74000000 297000000 276000000 157000000 433000000 2526000000 1166000000 3692000000 2794000000 1359000000 4153000000 672000000 274000000 946000000 811000000 454000000 1265000000 The following table reconciles total reportable operating segments' income from operations to our income before taxes, as reported: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:54.163%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.572%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.530%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.577%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31,</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2024</td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="21" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total reportable operating segments' income from operations</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">297 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">433 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">946 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,265 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Share-based compensation</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(32)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(27)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(118)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(111)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Amortization of acquisition-related balances</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(31)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(23)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(106)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(71)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Acquisition and integration costs</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(23)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(59)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(11)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Restructuring and others</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(6)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-

align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(12)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(60)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(31)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Income from operations, as reported</td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">205 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">365 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">603 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,041 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Interest income</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">60 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">70 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Interest expense</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(21)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(19)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(61)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(58)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other income (expense), net</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">28 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Income before taxes, as reported</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">213 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">389 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">617 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">1,081 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 297000000 433000000 946000000 1265000000 32000000 27000000 118000000 111000000 31000000 23000000 106000000 71000000 23000000 6000000 59000000 11000000 -6000000 -12000000 -60000000 -31000000 205000000 365000000 603000000 1041000000 19000000 29000000 60000000 70000000 21000000 19000000 61000000 58000000 10000000 14000000 15000000 28000000 213000000 389000000 617000000 1081000000 The following table presents segment assets directly managed by each segment: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:25.800%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.595%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.384%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.605%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:8pt;font-weight:700;line-

height:100%">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">CSG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">EISG</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="33" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Segment assets</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,686 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,966 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7,652 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,410 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,920 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">6,330 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The increase in segment assets for the nine months ended July 31, 2024 primarily represents assets acquired as part of the ESI Group acquisition. See Note 2, “Acquisitions,” for additional information. The following table reconciles segment assets to our total assets: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.853%"><tr><td style="width:1.0%"></td><td style="width:72.692%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.637%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.532%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.639%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">July 31, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">October 31, 2023</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> </td><td colspan="9" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in millions)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total reportable segments' assets</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7,652 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">6,330 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash and cash equivalents</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,632 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,472 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-term investments</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">107 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">81 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-term deferred tax assets</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">678 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">671 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accumulated amortization of other intangibles</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1,445)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1,339)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Long-term tax receivables </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">169 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3"

style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Pension and other assets</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">530 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">468 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total assets</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">9,323 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">8,683 </td><td style="background-color:#ffffff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 4686000000 2966000000 7652000000 4410000000 1920000000 6330000000 7652000000 6330000000 1632000000 2472000000 107000000 81000000 678000000 671000000 1445000000 1339000000 169000000 0 530000000 468000000 9323000000 8683000000 Satish Dhanasekaran June 4, 2024 true false 43433 June 2, 2025 President and Chief Executive Officer Soon Chai Gooi May 30, 2024 true false 10589 December 6, 2024 Senior Vice President, Order Fulfillment and Digital Operations Jeffrey K Li June 4, 2024 true false 10802 December 6, 2024 Senior Vice President, General Counsel, and Secretary John Page June 28, 2024 true false 20327 June 27, 2025 Senior Vice President and President of Global Services false false