0001766478-24-00010810-Q Angel Oak Mortgage REIT, Inc. 20241107202411070752090752090752090752090 0 0001766478-24-000108 10-Q 97 20240930 20241107 20241107 Angel Oak Mortgage REIT, Inc. 0001766478 6500 371892154 MD 1231 10-Q 34 001-40495 241433244 3344 PEACHTREE ROAD NE SUITE 1725 ATLANTA GA 30326 404-953-4900 3344 PEACHTREE ROAD NE SUITE 1725 ATLANTA GA 30326 Angel Oak Mortgage, Inc. 20230309 Angel Oak Mortgage REIT, Inc. 20230303 Angel Oak Mortgage, Inc. 20190130 10-Q 1 aomr-20240930.htm 10-Q aomr-20240930000176647 8falseQ3202412/31xbrli:sharesiso4217:USDiso4217:USDxbrli:sharesxbrli:pureaomr:loanaomr:contractutr:Q00017664782024-01-012024-09-300001766478us-gaap:CommonStockMember2024-01-012024-09-300001766478aomr:A9.500UnsecuredSeniorNotesDue2029Member2024-01-012024-09-300001766478 2024-11-070001766478aomr:LoansReceivableResidentialMember2024-09-300001766478aomr:LoansReceivableResidentialMember2023-12-310001766478aomr:LoansReceivableResidentialSecuritizationTrustMember2024-09-300001766478aomr:LoansReceivableResidentialSecuritizationTrustMember2023-12-310001766478us-gaap:ResidentialMortgageBackedSecuritiesMember2024-09-300001766478us-gaap:ResidentialMortgageBackedSecuritiesMember2023-12-310001766478us-gaap:USTreasurySecuritiesMember2024-09-300001766478us-gaap:USTreasurySecuritiesMember2023-12-3100017664782024-09-3000017664782023-12-310001766478us-gaap:NonrecourseMember2024-09-300001766478us-gaap:NonrecourseMember2023-12-310001766478us-gaap:NonrelatedPartyMember2024-09-300001766478us-gaap:NonrelatedPartyMember2023-12-310001766478srt:AffiliatedEntityMember2024-09-300001766478srt:AffiliatedEntityMember2023-12-3100017664782024-07-012024-09-3000017664782023-07-012023-09-3000017664782023-01-012023-09-300001766478us-gaap:NonrelatedPartyMember2024-07-012024-09-300001766478us-gaap:NonrelatedPartyMember2023-07-012023-09-300001766478us-gaap:NonrelatedPartyMember2024-01-012024-09-300001766478us-gaap:NonrelatedPartyMember2023-01-012023-09-300001766478srt:AffiliatedEntityMember2024-07-012024-09-300001766478srt:AffiliatedEntityMember2023-07-012023-09-300001766478srt:AffiliatedEntityMember2024-01-012024-09-300001766478srt:AffiliatedEntityMember2023-01-012023-09-300001766478us-gaap:CommonStockMember2024-06-300001766478us-gaap:AdditionalPaidInCapitalMember2024-06-300001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-06-300001766478us-gaap:RetainedEarningsMember2024-06-3000017664782024-06-300001766478us-gaap:CommonStockMember2024-07-012024-09-300001766478us-gaap:AdditionalPaidInCapitalMember2024-07-012024-09-300001766478us-gaap:RetainedEarningsMember2024-07-012024-09-300001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-07-012024-09-300001766478us-gaap:CommonStockMember2024-09-300001766478us-gaap:AdditionalPaidInCapitalMember2024-09-300001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-09-300001766478us-gaap:RetainedEarningsMember2024-09-300001766478us-gaap:CommonStockMember2023-06-300001766478us-gaap:AdditionalPaidInCapitalMember2023-06-300001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-06-300001766478us-gaap:RetainedEarningsMember2023-06-3000017664782023-06-300001766478us-gaap:RetainedEarningsMember2023-07-012023-09-300001766478us-gaap:AdditionalPaidInCapitalMember2023-07-012023-09-300001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-07-012023-09-300001766478us-gaap:CommonStockMember2023-09-300001766478us-gaap:AdditionalPaidInCapitalMember2023-09-300001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-09-300001766478us-gaap:RetainedEarningsMember2023-09-3000017664782023-09-300001766478us-gaap:CommonStockMember2023-12-310001766478us-gaap:AdditionalPaidInCapitalMember2023-12-310001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-12-310001766478us-gaap:RetainedEarningsMember2023-12-310001766478us-gaap:CommonStockMember2024-01-012024-09-300001766478us-gaap:AdditionalPaidInCapitalMember2024-01-012024-09-300001766478us-gaap:RetainedEarningsMember2024-01-012024-09-300001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-01-012024-09-300001766478us-gaap:CommonStockMember2022-12-310001766478us-gaap:AdditionalPaidInCapitalMember2022-12-310001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2022-12-310001766478us-gaap:RetainedEarningsMember2022-12-3100017664782022-12-310001766478us-gaap:RetainedEarningsMember2023-01-012023-09-300001766478us-gaap:AdditionalPaidInCapitalMember2023-01-012023-09-300001766478us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-01-012023-09-300001766478us-gaap:NonrecourseMember2024-01-012024-09-300001766478us-gaap:NonrecourseMember2023-01-012023-09-300001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2024-09-300001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2023-12-310001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:NonrecourseMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2024-09-300001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:NonrecourseMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2023-12-310001766478aomr:SecuritizationDebtMemberus-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:NonrecourseMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2024-09-300001766478aomr:SecuritizationDebtMemberus-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:NonrecourseMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2023-12-310001766478aomr:RatedAndNonRatedCertificatesMemberus-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2024-09-300001766478aomr:RatedAndNonRatedCertificatesMemberus-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2023-12-310001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2024-01-012024-09-300001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2023-01-012023-12-310001766478us-gaap:BondsMember2024-09-300001766478us-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2024-09-300001766478us-gaap:AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember2023-12-310001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:NonrecourseMember2024-09-300001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberus-gaap:NonrecourseMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMezzanineMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMezzanineMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustSubordinateMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustSubordinateMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustInterestOnlyExcessMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustInterestOnlyExcessMember2024-09-300001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMemberus-gaap:VariableInterestEntityPrimaryBeneficiaryMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyFannieMaeMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyFannieMaeMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyFreddieMacMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyFreddieMacMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyMember2024-09-300001766478us-gaap:ResidentialMortgageBackedSecuritiesMember2024-09-300001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMembersrt:ConsolidationEliminationsMember2024-09-300001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMezzanineMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMezzanineMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustSubordinateMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustSubordinateMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustInterestOnlyExcessMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustInterestOnlyExcessMember2023-12-310001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMemberus-gaap:VariableInterestEntityPrimaryBeneficiaryMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyFannieMaeMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyFannieMaeMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyFreddieMacMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyFreddieMacMember2023-12-310001766478aomr:ResidentialMortgageBackedSecuritiesWholePoolAgencyMember2023-12-310001766478us-gaap:ResidentialMortgageBackedSecuritiesMember2023-12-310001766478us-gaap:VariableInterestEntityPrimaryBeneficiaryMemberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMembersrt:ConsolidationEliminationsMember2023-12-310001766478us-gaap:USTreasurySecuritiesMember2024-01-012024-09-300001766478us-gaap:USTreasurySecuritiesMember2023-01-012023-12-310001766478us-gaap:CollateralPledgedMember2023-12-310001766478us-gaap:CollateralPledgedMember2024-09-300001766478aomr:MultinationalBank1Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MinimumMember2024-01-012024-09-300001766478aomr:MultinationalBank1Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MaximumMember2024-01-012024-09-300001766478aomr:MultinationalBank1Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2024-09-300001766478aomr:MultinationalBank1Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2023-12-310001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MinimumMember2024-01-012024-09-300001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MaximumMember2024-01-012024-09-300001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2024-09-300001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2023-12-310001766478aomr:GlobalInvestmentBank3Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MinimumMember2024-01-012024-09-300001766478aomr:GlobalInvestmentBank3Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MaximumMember2024-01-012024-09-300001766478aomr:GlobalInvestmentBank3Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2024-09-300001766478aomr:GlobalInvestmentBank3Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2023-12-310001766478aomr:InstitutionalInvestorsAAndBMemberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2024-01-012024-09-300001766478aomr:InstitutionalInvestorsAAndBMemberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2023-12-310001766478aomr:RegionalBank1Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MinimumMember2024-01-012024-09-300001766478aomr:RegionalBank1Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MaximumMember2024-01-012024-09-300001766478aomr:RegionalBank1Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2023-12-310001766478us-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2024-09-300001766478us-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2023-12-310001766478aomr:MultinationalBank1Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2024-09-252024-09-250001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember2024-03-280001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMembersrt:MinimumMember2024-10-252024-10-250001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMembersrt:MaximumMember2024-10-252024-10-250001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MinimumMember2024-03-282024-03-280001766478aomr:GlobalInvestmentBank2Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMembersrt:MaximumMember2024-03-282024-03-280001766478aomr:GlobalInvestmentBank3Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMembersrt:MinimumMember2024-11-012024-11-010001766478aomr:GlobalInvestmentBank3Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMembersrt:MaximumMember2024-11-012024-11-010001766478aomr:GlobalInvestmentBank3Memberus-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMember2024-11-012024-11-010001766478aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMember2024-07-250001766478aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMember2024-07-252024-07-250001766478aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMemberus-gaap:DebtInstrumentRedemptionPeriodOneMember2024-07-252024-07-250001766478aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMemberus-gaap:DebtInstrumentRedemptionPeriodTwoMember2024-07-252024-07-250001766478aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMember2024-09-300001766478aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMember2024-01-012024-09-300001766478us-gaap:CashAndCashEquivalentsMember2024-09-300001766478us-gaap:CashAndCashEquivalentsMember2023-12-310001766478us-gaap:ResidentialMortgageBackedSecuritiesMember2024-01-012024-09-300001766478us-gaap:ResidentialMortgageBackedSecuritiesMember2023-01-012023-12-3100017664782023-01-012023-12-310001766478aomr:InterestRateFutureMember2024-09-300001766478aomr:InterestRateFutureMember2023-12-310001766478aomr:ToBeAnnouncedTBAsMember2023-12-310001766478aomr:ToBeAnnouncedTBAsMember2024-09-300001766478aomr:InterestRateFutureMemberus-gaap:NondesignatedMember2024-09-300001766478aomr:InterestRateFutureMemberus-gaap:LongMemberus-gaap:NondesignatedMember2024-09-300001766478aomr:InterestRateFutureMemberus-gaap:ShortMemberus-gaap:NondesignatedMember2024-09-300001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember2024-09-300001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:LongMemberus-gaap:NondesignatedMember2024-09-300001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:ShortMemberus-gaap:NondesignatedMember2024-09-300001766478aomr:InterestRateFutureMemberus-gaap:NondesignatedMember2023-12-310001766478aomr:InterestRateFutureMemberus-gaap:LongMemberus-gaap:NondesignatedMember2023-12-310001766478aomr:InterestRateFutureMemberus-gaap:ShortMemberus-gaap:NondesignatedMember2023-12-310001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember2023-12-310001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:LongMemberus-gaap:NondesignatedMember2023-12-

310001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:ShortMemberus-gaap:NondesignatedMember2023-12-310001766478aomr:InterestRateFutureMemberus-gaap:NondesignatedMember2024-07-012024-09-300001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember2024-07-012024-09-300001766478aomr:InterestRateFutureMemberus-gaap:NondesignatedMember2023-07-012023-09-300001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember2023-07-012023-09-300001766478aomr:InterestRateFutureMemberus-gaap:NondesignatedMember2024-01-012024-09-300001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember2024-01-012024-09-300001766478aomr:InterestRateFutureMemberus-gaap:NondesignatedMember2023-01-012023-09-300001766478aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember2023-01-012023-09-300001766478us-gaap:FairValueInputsLevel1Memberaomr:LoansReceivableResidentialMember2024-09-300001766478us-gaap:FairValueInputsLevel2Memberaomr:LoansReceivableResidentialMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMember2024-09-300001766478us-gaap:FairValueInputsLevel1Memberaomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember2024-09-300001766478us-gaap:FairValueInputsLevel2Memberaomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember2024-09-300001766478aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember2024-09-300001766478us-gaap:FairValueInputsLevel1Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2024-09-300001766478us-gaap:FairValueInputsLevel2Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2024-09-300001766478us-gaap:FairValueInputsLevel1Memberaomr:AgencyWholePoolLoanSecuritiesMember2024-09-300001766478us-gaap:FairValueInputsLevel2Memberaomr:AgencyWholePoolLoanSecuritiesMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:AgencyWholePoolLoanSecuritiesMember2024-09-300001766478aomr:AgencyWholePoolLoanSecuritiesMember2024-09-300001766478us-gaap:FairValueInputsLevel1Memberus-gaap:USTreasurySecuritiesMember2024-09-300001766478us-gaap:FairValueInputsLevel2Memberus-gaap:USTreasurySecuritiesMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberus-gaap:USTreasurySecuritiesMember2024-09-300001766478us-gaap:FairValueInputsLevel1Member2024-09-300001766478us-gaap:FairValueInputsLevel2Member2024-09-300001766478us-gaap:FairValueInputsLevel3Member2024-09-300001766478us-gaap:FairValueInputsLevel1Memberus-gaap:FutureMember2024-09-300001766478us-gaap:FairValueInputsLevel2Memberus-gaap:FutureMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberus-gaap:FutureMember2024-09-300001766478us-gaap:FutureMember2024-09-300001766478us-gaap:FairValueInputsLevel1Memberaomr:ToBeAnnouncedTBAsMember2024-09-300001766478us-gaap:FairValueInputsLevel2Memberaomr:ToBeAnnouncedTBAsMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:ToBeAnnouncedTBAsMember2024-09-300001766478aomr:ToBeAnnouncedTBAsMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:MinimumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:MaximumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:WeightedAverageMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputDefaultRateMembersrt:MinimumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputDefaultRateMembersrt:MaximumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputDefaultRateMembersrt:WeightedAverageMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputLossSeverityMembersrt:MinimumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputLossSeverityMembersrt:MaximumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputLossSeverityMembersrt:WeightedAverageMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputExpectedTermMembersrt:MinimumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputExpectedTermMembersrt:MaximumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputExpectedTermMembersrt:WeightedAverageMember2024-09-300001766478us-gaap:FairValueInputsLevel3Member2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:MinimumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:MaximumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:WeightedAverageMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputDefaultRateMembersrt:MinimumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputDefaultRateMembersrt:MaximumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputDefaultRateMembersrt:WeightedAverageMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputLossSeverityMembersrt:MinimumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputLossSeverityMembersrt:MaximumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputLossSeverityMembersrt:WeightedAverageMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputExpectedTermMembersrt:MinimumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputExpectedTermMembersrt:MaximumMember2024-09-300001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:MeasurementInputExpectedTermMembersrt:WeightedAverageMember2024-09-300001766478us-gaap:CarryingReportedAmountFairValueDisclosureMember2024-09-300001766478us-gaap:EstimateOfFairValueFairValueDisclosureMember2024-09-300001766478us-gaap:CarryingReportedAmountFairValueDisclosureMember2023-12-310001766478us-gaap:EstimateOfFairValueFairValueDisclosureMember2023-12-310001766478us-gaap:FairValueInputsLevel1Memberaomr:LoansReceivableResidentialMember2023-12-310001766478us-gaap:FairValueInputsLevel2Memberaomr:LoansReceivableResidentialMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMember2023-12-310001766478us-gaap:FairValueInputsLevel1Memberaomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember2023-12-310001766478us-gaap:FairValueInputsLevel2Memberaomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember2023-12-310001766478aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember2023-12-310001766478us-gaap:FairValueInputsLevel1Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2023-12-310001766478us-gaap:FairValueInputsLevel2Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember2023-12-310001766478us-gaap:FairValueInputsLevel1Memberaomr:AgencyWholePoolLoanSecuritiesMember2023-12-310001766478us-gaap:FairValueInputsLevel2Memberaomr:AgencyWholePoolLoanSecuritiesMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:AgencyWholePoolLoanSecuritiesMember2023-12-310001766478aomr:AgencyWholePoolLoanSecuritiesMember2023-12-310001766478us-gaap:FairValueInputsLevel1Memberus-gaap:USTreasurySecuritiesMember2023-12-310001766478us-gaap:FairValueInputsLevel2Memberus-gaap:USTreasurySecuritiesMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberus-gaap:USTreasurySecuritiesMember2023-12-310001766478us-gaap:FairValueInputsLevel1Member2023-12-310001766478us-gaap:FairValueInputsLevel2Member2023-12-310001766478us-gaap:FairValueInputsLevel3Member2023-12-310001766478us-gaap:FairValueInputsLevel1Memberus-gaap:FutureMember2023-12-310001766478us-gaap:FairValueInputsLevel2Memberus-gaap:FutureMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberus-gaap:FutureMember2023-12-310001766478us-gaap:FutureMember2023-12-310001766478us-gaap:FairValueInputsLevel1Memberaomr:ToBeAnnouncedTBAsMember2023-12-310001766478us-gaap:FairValueInputsLevel2Memberaomr:ToBeAnnouncedTBAsMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:ToBeAnnouncedTBAsMember2023-12-310001766478aomr:ToBeAnnouncedTBAsMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:MinimumMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:MaximumMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputPrepaymentRateMembersrt:WeightedAverageMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputDefaultRateMembersrt:MinimumMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputDefaultRateMembersrt:MaximumMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputDefaultRateMembersrt:WeightedAverageMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputLossSeverityMembersrt:MinimumMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputLossSeverityMembersrt:MaximumMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputLossSeverityMembersrt:WeightedAverageMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputExpectedTermMembersrt:MinimumMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputExpectedTermMembersrt:MaximumMember2023-12-310001766478us-gaap:FairValueInputsLevel3Memberaomr:LoansReceivableResidentialMemberus-gaap:MeasurementInputExpectedTermMembersrt:WeightedAverageMember2023-12-310001766478aomr:LoansReceivableResidentialMembersrt:AffiliatedEntityMemberaomr:LoansPurchasedFromAffiliatesMember2024-01-012024-09-300001766478aomr:LoansReceivableResidentialMembersrt:AffiliatedEntityMemberaomr:LoansPurchasedFromAffiliatesMember2024-09-300001766478aomr:LoansReceivableResidentialMembersrt:AffiliatedEntityMemberaomr:LoansPurchasedFromAffiliatesMember2023-01-012023-12-310001766478aomr:LoansReceivableResidentialMembersrt:AffiliatedEntityMemberaomr:LoansPurchasedFromAffiliatesMember2023-12-310001766478srt:AffiliatedEntityMemberaomr:ManagementAgreementMember2021-06-210001766478srt:AffiliatedEntityMemberaomr:ManagementAgreementMember2021-06-212021-06-210001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2024-06-300001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2023-06-300001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2024-07-012024-09-300001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2023-07-012023-09-300001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2024-09-300001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2023-09-300001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2023-12-310001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2022-12-310001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2024-01-012024-09-300001766478us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2023-01-012023-09-300001766478aomr:LoansReceivableCommercialMember2024-09-300001766478aomr:LoansReceivableCommercialMember2023-12-310001766478us-gaap:CommercialMortgageBackedSecuritiesMember2024-09-300001766478us-gaap:CommercialMortgageBackedSecuritiesMember2023-12-310001766478aomr:AOMT20231Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-03-310001766478aomr:AOMT20231Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2023-12-310001766478aomr:AOMT20231Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-09-300001766478aomr:AOMT20231Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-06-300001766478aomr:AOMT20235Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-03-310001766478aomr:AOMT20235Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2023-12-310001766478aomr:AOMT20235Memberus-

gaap:InvestmentAffiliatedIssuerControlledMember2024-06-300001766478aomr:AOMT20235Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-09-300001766478aomr:AOMT20237Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-06-300001766478aomr:AOMT20237Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-03-310001766478aomr:AOMT20237Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-09-300001766478aomr:AOMT20237Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2023-12-310001766478aomr:AOMT20243Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-06-300001766478aomr:AOMT20243Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-09-300001766478aomr:AOMT20243Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2023-12-310001766478aomr:AOMT20243Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-03-310001766478aomr:AOMT20246Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-06-300001766478aomr:AOMT20246Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-03-310001766478aomr:AOMT20246Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2023-12-310001766478aomr:AOMT20246Memberus-gaap:InvestmentAffiliatedIssuerControlledMember2024-09-300001766478aomr:ATMProgramMember2024-09-300001766478aomr:ATMProgramMember2024-07-012024-09-300001766478aomr:ATMProgramMember2024-01-012024-09-300001766478aomr:XylemFinanceLLCMember2024-07-252024-07-250001766478us-gaap:RestrictedStockMember2024-07-012024-09-300001766478us-gaap:RestrictedStockMember2024-01-012024-09-300001766478us-gaap:PerformanceSharesMember2024-01-012024-09-300001766478us-gaap:PerformanceSharesMember2024-07-012024-09-300001766478us-gaap:PerformanceSharesMember2024-09-300001766478us-gaap:RestrictedStockMember2023-01-012023-09-300001766478us-gaap:RestrictedStockMember2023-07-012023-09-300001766478us-gaap:PerformanceSharesMember2023-01-012023-09-300001766478us-gaap:PerformanceSharesMember2023-07-012023-09-300001766478aomr:LoansReceivableResidentialMemberus-gaap:SubsequentEventMember2024-10-160001766478us-gaap:SubsequentEventMember2024-11-062024-11-06UNITED STATESSECURITIES AND EXCHANGE COMMISSIONWashington, D.C. 20549FORM 10-Q â˜’ QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934For the quarterly period ended September 30, 2024â˜ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934For the transition period from _____ to _____Commission file number 001-40495Angel Oak Mortgage REIT, Inc. (Exact name of registrant as specified in its charter)Maryland37-1892154(State or other jurisdiction of incorporation or organization)(I.R.S. Employer Identification No.)3344 Peachtree Road Northeast, Suite 1725, Atlanta, Georgia 30326(Address of Principal Executive Offices and Zip Code)404-953-4900Registrantâ€™s telephone number, including area codeSecurities registered pursuant to Section 12(b) of the Act: Title of each classTrading Symbol(s)Name of each exchange on which registeredCommon stock, $0.01 par valueAOMRNew York Stock Exchange9.500% Senior Notes due 2029AOMNNew York Stock ExchangeIndicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports); and (2) has been subject to such filing requirements for the past 90 days.Â Â Â Â YesÂ Â â˜ÂÂ Â Â Â NoÂ Â â˜Â Indicate by check mark whether the registrant has submitted electronically, every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Â Â Â Â YesÂ Â â˜ÂÂ Â NoÂ Â â˜Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting company,â€ and "emerging growth company" in Rule 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 Section 13(a) of the Exchange Act. â˜Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Â Â Â YesÂ Â â˜ Â Â Â Â NoÂ Â â˜The registrant had 23,511,272 shares of common stock, $0.01 par value per share, outstanding as of NovemberÂ 7, 2024.ANGEL OAK MORTGAGE REIT, INC.QUARTERLY REPORT ON FORM 10-QTABLE OF CONTENTSPart I - FINANCIAL INFORMATIONItem 1. Financial Statements (Unaudited)2Condensed Consolidated Balance Sheets2Condensed Consolidated Statements of Operations and Comprehensive Income (Loss)3Condensed Consolidated Statements of Changes in Stockholdersâ€™ Equity4Condensed Consolidated Statements of Cash Flows6Notes to the Condensed Consolidated Financial Statements8Note 1. Organization and Basis of Presentation8Note 2. Variable Interest Entities9Note 3. Residential Mortgage Loans11Note 4. Investment Securities11Note 5. Financing13Note 6. Due to Broker14Note 7. Securities Sold Under Agreements to Repurchase14Note 8. Derivative Financial Instruments15Note 9. Fair Value Measurements16Note 10. Related Party Transactions20Note 11. Commitments and Contingencies21Note 12. Accumulated Other Comprehensive Income/(Loss)21Note 13. Other Assets22Note 14. Equity22Note 15. Earnings per Share (â€œEPSâ€)22Note 16. Subsequent Events24Item 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations25Item 3. Quantitative and Qualitative Disclosures About Market Risk59Item 4. Controls and Procedures60Part II. Other InformationItem 1. Legal Proceedings61Item 1A. Risk Factors61Item 2. Unregistered Sales of Equity Securities and Use of Proceeds61Item 3. Defaults Upon Senior Securities61Item 4. Mine Safety Disclosures61Item 5. Other Information61Item 6. Exhibits62Signatures631PART I. FINANCIAL INFORMATIONITEM 1. FINANCIAL STATEMENTSAngel Oak Mortgage REIT, Inc.Condensed Consolidated Balance Sheets(Unaudited)(in thousands, except for share data)As of:September 30, 2024December 31, 2023ASSETSResidential mortgage loans - at fair value$428,909Â $380,040Â Residential mortgage loans in securitization trusts - at fair value1,452,907Â 1,221,067Â RMBS - at fair value283,105Â 472,058Â U.S. Treasury securities - at fair value49,971Â 149,927Â Cash and cash equivalents42,052Â 41,625Â Restricted cash2,679Â 2,871Â Principal and interest receivable6,630Â 7,501Â Unrealized appreciation on TBAs and interest rate futures contracts - at fair value1,651Â â€”Â Other assets35,962Â 32,922Â Total assets2,303,866Â 2,308,011Â LIABILITIES AND STOCKHOLDERSâ€™ EQUITYNotes payable$333,042Â $290,610Â Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts (see Note 2)1,353,758Â 1,169,154Â Securities sold under agreements to repurchase102,876Â 193,656Â Senior unsecured notes47,616Â â€”Â Unrealized depreciation on TBAs and interest rate futures contracts - at fair valueâ€”Â 1,334Â Due to broker194,697Â 391,964Â Accrued expenses2,000Â 985Â Accrued expenses payable to affiliate657Â 748Â Interest payable1,312Â 820Â Income taxes payable2,785Â 1,241Â Management fee payable to affiliate25Â 1,393Â Total liabilities2,038,768Â 2,051,905Â STOCKHOLDERSâ€™ EQUITYCommon stock, $0.01 par value. As of SeptemberÂ 30, 2024: 350,000,000 shares authorized, 23,511,272 shares issued and outstanding. As of DecemberÂ 31, 2023: 350,000,000 shares authorized, 24,965,274 shares issued and outstanding.$234Â $249Â Additional paid-in capital461,249Â 477,068Â Accumulated other comprehensive income (loss)(441)(4,975)Retained earnings (deficit)(195,944)(216,236)Total stockholders' equity265,098Â 256,106Â Total liabilities and stockholders' equity$2,303,866Â $2,308,011Â The accompanying Notes to the Condensed Consolidated Financial Statements are an integral part of this statement.2Angel Oak Mortgage REIT, Inc.Condensed Consolidated Statements of Operations and Comprehensive Income (Loss)(Unaudited)(in thousands, except for share and per share data)Three Months EndedNine Months EndedSeptember 30, 2024September 30, 2023September 30, 2024September 30, 2023INTEREST INCOME, NETInterest income$27,444Â $23,900Â $78,558Â $71,403Â Interest expense18,424Â 16,490Â 51,495Â 50,742Â NET INTEREST INCOME$9,020Â $7,410Â $27,063Â $20,661Â REALIZED AND UNREALIZED GAINS (LOSSES), NETNet realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS$(6,335)$(12,044)$(14,527)$(27,056)Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts35,172Â 17,299Â 48,514Â 27,868Â TOTAL REALIZED AND UNREALIZED GAINS (LOSSES), NET$28,837Â $5,255Â $33,987Â $812Â EXPENSESOperating expenses$1,287Â $1,370Â $4,619Â $5,788Â Operating expenses incurred with affiliate472Â 599Â 1,444Â 1,672Â Due diligence and transaction costs254Â 115Â 663Â 136Â Stock compensation604Â 447Â 1,864Â 1,195Â Securitization costsâ€”Â 416Â 1,583Â 2,326Â Management fee incurred with affiliate1,204Â 1,445Â 3,810Â 4,460Â Total operating expenses$3,821Â $4,392Â $13,983Â $15,577Â INCOME (LOSS) BEFORE INCOME TAXES$34,036Â $8,273Â $47,067Â $5,896Â Income tax expense2,832Â â€”Â 3,261Â 781Â NET INCOME (LOSS) ALLOCABLE TO COMMON STOCKHOLDERS$31,204Â $8,273Â $43,806Â $5,115Â Other comprehensive income (loss)2,706Â (1,607)4,534Â 12,955Â TOTAL COMPREHENSIVE INCOME (LOSS)$33,910Â $6,666Â $48,340Â $18,070Â Basic earnings (loss) per common share$1.31Â $0.33Â $1.79Â $0.20Â Diluted earnings (loss) per common share$1.29Â $0.33Â $1.76Â $0.20Â Weighted average number of common shares outstanding:Basic23,757,03924,768,92124,445,105Â 24,706,568Â Diluted24,079,24724,957,66824,778,465Â 24,933,833Â The accompanying Notes to the Condensed Consolidated Financial Statements are an integral part of this statement.3Angel Oak Mortgage REIT, Inc. Condensed Consolidated Statements of Changes in Stockholdersâ€™ Equity (Unaudited)(in thousands)Three Months Ended September 30, 2024Common Stock at ParAdditional Paid-in CapitalAccumulated Other Comprehensive (Loss) IncomeRetained Earnings (Deficit)Total Stockholdersâ€™ EquityStockholder's equity as of June 30, 2024$249Â $478,328Â $(3,147)$(219,624)$255,806Â Issuance of common stock, net of expenses$2Â $2,250Â $â€”Â $â€”Â 2,252Â Repurchase of shares of common stock(17)(19,933)$â€”Â $â€”Â (19,950)Dividends paid on common stock$â€”Â $â€”Â $(7,524)(7,524)Stock compensation$â€”Â $604Â $â€”Â $â€”Â 604Â Unrealized gain (loss) on RMBS and CMBS$â€”Â $â€”Â $2,706Â $â€”Â 2,706Â Net income (loss)$â€”Â $â€”Â $â€”Â $31,204Â 31,204Â Stockholders' equity as of September 30, 2024$234Â $461,249Â (441)(195,944)$265,098Â Three Months Ended September 30, 2023Common Stock at ParAdditional Paid-in CapitalAccumulated Other Comprehensive Income (Loss)Retained Earnings (Deficit)Total Stockholdersâ€™ EquityStockholdersâ€™ equity as of June 30, 2023$249Â $476,127Â $(6,565)$(237,135)$232,676Â Dividends paid on common stock$â€”Â $â€”Â $â€”Â $(7,987)$(7,987)Stock compensation$â€”Â $447Â $â€”Â $â€”Â $447Â Unrealized gain (loss) on RMBS and CMBS$â€”Â $â€”Â $(1,607)$â€”Â $(1,607)Net income (loss)$â€”Â $â€”Â $â€”Â $8,273Â $8,273Â Stockholdersâ€™ equity as of September 30, 2023$249Â $476,574Â $(8,172)$(236,849)$231,802Â The accompanying Notes to the Condensed Consolidated Financial Statements are an integral part of this statement.4Angel Oak Mortgage REIT, Inc. Condensed Consolidated Statements of Changes in Stockholdersâ€™ Equity (Unaudited)(in thousands)Nine Months Ended September 30, 2024Common Stock at ParAdditional Paid-in CapitalAccumulated Other Comprehensive Income (Loss)Retained Earnings (Deficit)Total Stockholdersâ€™ EquityStockholdersâ€™ equity as of December 31, 2023$249Â $477,068Â $(4,975)$(216,236)$256,106Â Issuance of common stock, net of expenses$2Â $2,250Â $â€”Â $â€”Â $2,252Â Repurchase of shares of common stock(17)(19,933)$â€”Â $â€”Â $(19,950)Dividends paid on common stock$â€”Â $â€”Â $â€”Â $(23,514)$(23,514)Non-cash equity compensation$â€”Â $1,864Â $â€”Â $â€”Â $1,864Â Unrealized gain (loss) on RMBS and CMBS$â€”Â $â€”Â $4,534Â $â€”Â $4,534Â Net income (loss)$â€”Â $â€”Â $â€”Â $43,806Â $43,806Â Stockholdersâ€™ equity as of September 30, 2024$234Â $461,249Â (441)(195,944)$265,098Â Nine Months Ended September 30, 2023Common Stock at ParAdditional Paid-in CapitalAccumulated Other Comprehensive Income (Loss)Retained Earnings (Deficit)Total Stockholdersâ€™ EquityStockholdersâ€™ equity as of December 31, 2022$249Â $475,379Â $(21,127)$(218,022)236,479Â Dividends paid on common stockâ€”Â â€”Â â€”Â (23,942)(23,942)Non-cash equity compensationâ€”Â 1,195Â â€”Â â€”Â $1,195Â Unrealized gain (loss) on RMBS and CMBSâ€”Â â€”Â 12,955Â â€”Â 12,955Â Net income (loss)â€”Â â€”Â â€”Â $5,115Â 5,115Â Stockholdersâ€™ equity as of September 30, 2023$249Â $476,574Â $(8,172)$(236,849)$231,802Â The accompanying Notes to the Condensed Consolidated Financial Statements are an integral part of this statement.5Angel Oak Mortgage REIT, Inc. Condensed Consolidated Statements of Cash Flows(Unaudited)(in thousands)Nine Months EndedSeptember 30, 2024September 30, 2023CASH FLOWS FROM OPERATING ACTIVITIESNet income (loss)$43,806Â $5,115Â Adjustments to reconcile net (loss) income to net cash used in operating activities:Net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS14,527Â 27,056Â Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts(48,514)(27,868)Amortization of debt issuance costs246Â 1,040Â Net amortization of premiums and discounts on mortgage loans1,989Â 2,199Â Accretion of non-recourse securitized obligation discount3,455Â 1,251Â Accretion of discount on U.S. Treasury securities(548)(1,201)Non-cash equity compensation1,864Â 1,195Â Net change in:Purchases of residential mortgage loans from affiliates(182,200)(89,673)Purchases of residential mortgage loans from non-affiliates(243,634)(5,469)Sale of residential mortgage loans3,118Â â€”Â Sale of residential mortgage loans into affiliate's securitization trust66,107Â 313,438Â Principal payments on residential mortgage loans15,475Â 30,950Â Principal payments on residential mortgage loans in securitization trusts122,311Â 74,179Â Margin received from interest rate futures contracts and TBAs4,618Â 12,602Â Principal and interest receivable on residential mortgage loans868Â 12,806Â Other assets(1,461)(716)Management fee payable to affiliate(1,367)(512)Accrued expenses1,015Â (528)Accrued expenses payable to affiliate(91)(1,021)Income tax payable1,544Â 781Â Interest payable492Â (1,880)NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES(196,380)353,744Â The accompanying Notes to the Condensed Consolidated Financial Statements are an integral part of this statement.6Angel Oak Mortgage REIT, Inc. Condensed Consolidated Statements of Cash Flows(Unaudited)(in thousands)Nine Months EndedSeptember 30, 2024September 30, 2023CASH FLOWS FROM INVESTING ACTIVITIESPurchases of investments in RMBS, available for sale(5,733)(1,006,023)Purchases of investments in RMBS, trading(935,573)(853,934)Sale of investments in RMBS, available for saleâ€”Â 1,006,196Â Sale of investments in RMBS, trading927,047Â 832,542Â Purchase of investments in U.S. Treasury securities(349,595)(848,617)Investments in majority-owned affiliates(2,253)(14,657)Principal payments on RMBS and CMBS securities2,122Â 816Â Maturity of U.S. Treasury securities450,000Â 700,000Â Sale of commercial mortgage loans to third partiesâ€”Â 4,326Â Principal payments on commercial mortgage loans25Â 26Â NET CASH PROVIDED BY (USED IN) INVESTING ACTIVITIES86,040Â (179,325)CASH FLOWS FROM FINANCING ACTIVITIESDividends paid to common stockholders(23,514)(23,942)Repurchase of common stock(19,950)â€”Â Proceeds from issuances of common stock, net of expenses2,252Â â€”Â Proceeds from securitization274,793Â â€”Â Principal payments on non-recourse securitization obligation(122,070)(74,179)Cash paid for debt issuance costs(1,013)â€”Â Proceeds from non-recourse securitization obligationsâ€”Â 233,319Â Net proceeds from (repurchases of) securities sold under agreements to repurchase(90,780)135,557Â Net proceeds from issuance of senior notes48,425Â â€”Â Net proceeds from (payments on) notes payable42,432Â (442,073)NET CASH PROVIDED BY (USED IN) FINANCING ACTIVITIES110,575Â (171,318)CHANGE IN CASH, CASH EQUIVALENTS, AND RESTRICTED CASH235Â 3,101Â CASH, CASH EQUIVALENTS, AND RESTRICTED CASH, beginning of period44,496Â 39,861Â CASH, CASH EQUIVALENTS, AND RESTRICTED CASH, end of period$44,731Â $42,962Â SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATIONCash paid during the period for interest$46,386Â $48,862Â The accompanying Notes to the Condensed Consolidated Financial Statements are an integral part of this statement.7Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)1.Â Â Â Â Organization and Basis of PresentationAngel Oak Mortgage REIT,Â Inc. (together with its subsidiaries the â€œCompanyâ€, â€œweâ€ or â€œourâ€) is a real estate finance company focused on acquiring and investing in first lien non-qualified residential mortgage (â€œnon-QMâ€) loans and other mortgageâ€‘related assets in the U.S. mortgage market. The Companyâ€™s strategy is to make credit-sensitive investments primarily in newly-originated first lien nonâ€‘QM loans that are primarily made to higherâ€‘quality nonâ€‘QM loan borrowers and primarily sourced from the proprietary mortgage lending platform of its affiliate, Angel Oak Mortgage Solutions LLC (together with other non-operational affiliated originators, â€œAngel Oak Mortgage Lendingâ€), which currently operates primarily through a wholesale channel and has a national origination footprint. The Company may also invest in other residential mortgage loans, residential mortgageâ€‘backed securities (â€œRMBSâ€), and other mortgageâ€‘related assets. The Companyâ€™s objective is to generate attractive riskâ€‘adjusted returns for its stockholders, through cash distributions and capital appreciation, across interest rate and credit cycles.The Company is a Maryland corporation incorporated on MarchÂ 20, 2018. The Company achieves certain of its investment objectives by investing a portion of its assets in its whollyâ€‘owned taxable REIT subsidiary, Angel Oak Mortgage REIT TRS,Â LLC, a Delaware limited liability company formed on MarchÂ 21, 2018, which invests its assets in Angel Oak Mortgage Fund TRS, a Delaware statutory trust formed on JuneÂ 15, 2018. The Operating PartnershipOn February 5, 2020, the Company formed Angel Oak Mortgage Operating Partnership, LP, a Delaware limited partnership (the â€œOperating Partnershipâ€), through which substantially all of its assets are held and substantially all of its operations are conducted, either directly or through subsidiaries. The Company holds all of the limited partnership interests in the Operating Partnership and indirectly holds the sole general partnership interest in the Operating Partnership through the general partner, which is the Companyâ€™s wholly-owned subsidiary.The Companyâ€™s Manager and REIT statusThe Company is externally managed and advised by Falcons I, LLC (the â€œManagerâ€), a Securities and Exchange Commission-registered investment adviser and an affiliate of Angel Oak Capital Advisors, LLC (â€œAngel Oak Capitalâ€). The Company has elected to be taxed as a real estate investment trust (a â€œREITâ€) under the Internal Revenue Code of 1986, as amended (the â€œCodeâ€), commencing with its taxable year ended December 31, 2019.Interim Financial StatementsThe

accompanying unaudited condensed consolidated financial statements have been prepared in conformity with the instructions to Article 10-01 of Regulation S-X for interim financial statements. Accordingly, they do not include all the information and footnotes required by generally accepted accounting principles in the United States of America (â€œGAAPâ€) for complete financial statements. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the consolidated financial statements and related notes for the year ended DecemberÂ 31, 2023, included in the Companyâ€™s Annual Report on Form 10-K for the year ended DecemberÂ 31, 2023 (the â€œAnnual Report on Form 10-Kâ€).In the opinion of management, the accompanying condensed consolidated financial statements contain all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of the results for the interim periods presented. Such operating results may not be indicative of the expected results for any other interim periods or the entire year. The condensed consolidated financial statements include the accounts of the Company and its wholly–owned subsidiaries. All significant intercompany balances and transactions have been eliminated in consolidation.Use of EstimatesThe preparation of financial statements requires the Company to make a number of significant estimates. These include estimates of fair value of certain assets and liabilities, amounts and timing of credit losses, prepayment rates, and other estimates that affect the reported amounts of certain assets and liabilities as of the date of the condensed consolidated financial statements and the reported amounts of certain revenues and expenses during the reported periods. It is likely that changes in these estimates (e.g.,Â fair value changes due to inputs and underlying assumptions as described in Note 9 â€” Fair Value Measurements, credit performance, prepayments, interest rates, or other reasons) will occur in the near term. The Companyâ€™s estimates are inherently subjective in nature and actual results could differ from the Companyâ€™s estimates and the differences could be material.8Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)ReclassificationsCertain comparative period amounts in the condensed consolidated financial statements have been reclassified for consistency with current period presentation. These reclassifications had no effect on the reported results of operations. Specifically, certain cash flows previously presented as cash flows from operating activities on the condensed consolidated statements of cash flows for the nine months-ended September 30, 2023, have been reclassified to cash flows from investing activities as Purchases of investments in majority-owned affiliates.Recent Accounting PronouncementsThe Company considers the applicability and impact of all Accounting Standards Updates (â€œASUsâ€). There were no recent ASUs that are expected to have a significant impact on the Company's condensed consolidated financial statements when adopted or had a significant impact on the Company's condensed consolidated financial statements upon adoption.Summary of Significant Accounting PoliciesThe Companyâ€™s summary of significant accounting policies as set forth in its Annual Report on Form 10-K remain unchanged. 2.Â Â Â Â Variable Interest EntitiesSince its inception, the Company has utilized variable interest entities (â€œVIEsâ€) for the purpose of securitizing whole mortgage loans to obtain long-term non-recourse financing. The Company evaluates its interest in each VIE to determine if it is the primary beneficiary. VIEs for Which the Company is the Primary BeneficiaryThe Company entered into securitization transactions where it was determined that the Company has the power to direct the activities that most significantly impact the VIEâ€™s economic performance. The Company was the sole entity to contribute residential whole mortgage loans to these securitization vehicles.The retained beneficial interest in VIEs for which the Company is the primary beneficiary is the subordinated tranches of the securitization and further interests in additional interestâ€’only tranches. The following table summarizes the key details of the loan securitization transactions for which the Company is the primary beneficiary currently outstanding as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:As of:September 30, 2024December 31, 2023($ in thousands)Aggregate unpaid principal balance of residential whole loans sold$1,512,722Â $1,334,963Â Fair value adjustment for residential mortgage loans in securitization trusts(59,815)(113,896)Residential mortgage loans in securitization trusts, at fair value$1,452,907Â $1,221,067Â Outstanding amount of Non-recourse securitization obligation, at amortized cost$1,376,244Â $1,220,067Â Fair value adjustment for the portion of Non-recourse securitization obligation, at fair value option(22,486) (50,912)Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts$1,353,758Â $1,169,155Â Weighted average fixed rate for Non-recourse securitization obligation issued3.51Â %2.91Â %For the period ended:September 30, 2024December 31, 2023($ in thousands)Aggregate unpaid principal balance of residential whole loans sold, at deal date$2,010,214Â $1,710,381Â Face amount of Non-recourse securitization obligation issued by the VIE and purchased by third-party investors, at deal date1,893,847Â 1,619,051Â Face amount of Senior Support Certificates received by the Company, at deal date116,367Â 91,330Â Aggregate cash received, at deal date233,835Â 194,746Â 9Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)During the three months ended SeptemberÂ 30, 2024, the Company did not issue and retain bonds on our consolidated balance sheets for any securitization transaction for which the Company was the primary beneficiary. For the nine months ended SeptemberÂ 30, 2024 the Company and its affiliates issued and sold bonds with a current face value of $274.8 million to third-party investors for proceeds of $274.8 million, before offering costs and accrued interest. The sold bonds are included in â€œNon-recourse securitization obligations, collateralized by residential mortgage loans in securitization trustsâ€ on the Companyâ€™s condensed consolidated balance sheets.As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, as a result of the transactions described above, securitized loans with outstanding principal balance of approximately $1.5Â billion and $1.3Â billion are included in â€œResidential mortgage loans in securitization trustsâ€ on the Companyâ€™s condensed consolidated balance sheets, respectively. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the aggregate carrying value of sold bonds issued by consolidated VIEs was $1.4Â billion and $1.2Â billion, respectively. These sold bonds are disclosed as â€œNon-recourse securitization obligation, collateralized by residential mortgage loans in securitization trustsâ€ on the Companyâ€™s condensed consolidated balance sheets. The holders of the securitized debt have no recourse to the general credit of the Company, but the Company does have the obligation, under certain circumstances, to repurchase assets from the VIE upon the breach of certain representations and warranties with respect to the residential whole loans sold to the VIE. In the absence of such a breach, the Company has no obligation to provide any other explicit or implicit support to any VIE. The Company concluded that the entities created to facilitate the loan securitization transactions are VIEs. The Company completed an analysis of whether each VIE created to facilitate the securitization transactions should be consolidated by the Company, based on consideration of its involvement in each VIE and whether its involvement reflected a controlling financial interest that resulted in the Company being deemed the primary beneficiary of each VIE. In determining whether the Company would be considered the primary beneficiary, the following factors were assessed: â€¢ Â Â Â Â whether the Company has both the power to direct the activities that most significantly impact the economic performance of the VIE; and â€¢ Â Â Â Â whether the Company has a right to receive benefits or absorb losses of the entity that could be potentially significant to the VIE. Based on its evaluation of the factors discussed above, including its involvement in the purpose and design of the entity, the Company determined that it was required to consolidate each VIE created to facilitate the loan securitization transactions.VIEs for Which the Company is Not the Primary BeneficiaryThe Company sponsored or participated along with other affiliates and entities managed by Angel Oak Capital in the formation of various entities that were considered to be VIEs. These VIEs were formed to facilitate securitization issuances that were comprised of secured residential whole loans and/or small balance commercial loans contributed to securitization trusts.These securities were issued as a result of the unconsolidated securitizations where the Company retained bonds from the issuances of securitizations issued by a depositor that the Company does not control. The Company determined that it was not then and is not now the primary beneficiary of any of these securitization entities, and thus has not consolidated the operating results or statements of financial position of any of these entities. The Company performs ongoing reassessments of all VIEs in which the Company has participated since its inception as to whether changes in the facts and circumstances regarding the Companyâ€™s involvement with a VIE would cause the Companyâ€™s consolidation conclusion to change, and the Companyâ€™s assessment of these VIEs remains unchanged.The securities received in the securitization transactions for which we are not the primary beneficiary were classified as â€œavailable for saleâ€ upon receipt and are included in â€œRMBS - at fair valueâ€ and â€œOther Assetsâ€ on the condensed consolidated balance sheets as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, and details on the accounting treatment and fair value methodology of the securities can be found in Note 9 â€” Fair Value Measurements. See also Note 4 â€” Investment Securities, for the fair value of AOMT securities held by the Company, and Note 13 - Other Assets, for investments in majority-owned affiliates (â€œMOAsâ€), as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023 that were retained by the Company as a result of these securitization transactions.10Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)3.Â Â Â Â Residential Mortgage LoansResidential mortgage loans are measured at fair value. The following table sets forth the cost, unpaid principal balance, net premium on mortgage loans purchased, fair value, weighted average interest rate, and weighted average remaining contractual maturity of the Companyâ€™s residential mortgage loan portfolio as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:September 30, 2024December 31, 2023($ in thousands)Cost$421,944Â $393,443Â Unpaid principal balance$411,468Â $386,872Â Net premium on mortgage loans purchased10,476Â 6,571Â Change in fair value6,965Â (13,403)Fair value$428,909Â $380,040Â Weighted average interest rate7.73Â %6.78Â %Weighted average remaining contractual maturity (years)3029At times, various forms of margin maintenance may be required by certain financing facility counterparties. See Note 5 â€” Financing. The following table sets forth data regarding the number of consumer mortgage loans secured by residential real property ninety (90) or more days past due and also those in formal foreclosure proceedings, and the recorded investment and unpaid principal balance of such loans as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:As of:September 30, 2024December 31, 2023($ in thousands)Number of mortgage loans 90 or more days past due5Â 7Recorded investment in mortgage loans 90 or more days past due$2,174Â $5,754Â Unpaid principal balance of loans 90 or more days past due$2,142Â $5,681Â Number of mortgage loans in foreclosure1Â 2Recorded investment in mortgage loans in foreclosure$569Â $1,956Â Unpaid principal balance of loans in foreclosure$551Â $1,889Â 4.Â Â Â Â Investment SecuritiesAs of SeptemberÂ 30, 2024, investment securities were comprised of: (i) nonâ€’agency RMBS (â€œAOMT RMBSâ€) and (ii) Freddie Mac and Fannie Mae whole pool agency RMBS (â€œWhole Pool Agency RMBSâ€, and together with AOMT RMBS, â€œRMBSâ€), and (iii) U.S. Treasury securities. The U.S. Treasury securities held by the Company as of SeptemberÂ 30, 2024 subsequently matured on October 3, 2024. The following table sets forth a summary of RMBS at cost as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023: September 30, 2024December 31, 2023(in thousands)AOMT RMBS$88,998Â $84,957Â Whole Pool Agency RMBS$194,697Â $391,964Â 11Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)The following tables sets forth certain information about the Companyâ€™s investments in RMBS at fair value as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:Real Estate Securities at Fair ValueSecurities Sold Under Agreements to RepurchaseAllocated CapitalSeptember 30, 2024:(in thousands)AOMT RMBS (1)Mezzanine$13,463Â $(5,292)$8,171Â Subordinate62,223Â (20,175)42,048Â Interest Only/Excess13,055Â â€”Â 13,055Â Retained RMBS in VIEs (2)â€”Â (27,697)(27,697)Total AOMT RMBS$88,741Â $(53,164)$35,577Â Whole Pool Agency RMBS (3)Fannie Mae$158,040Â $â€”Â $158,040Â Freddie Mac36,324Â â€”Â 36,324Â Total Whole Pool Agency RMBS$194,364Â $â€”Â $194,364Â Total RMBS $283,105Â $(53,164)$229,941Â (1) Â Â Â Â AOMT RMBS held as of SeptemberÂ 30, 2024 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions.(2)Â Â Â Â Â A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $143.5Â million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets.(3) Â Â Â Â The whole pool RMBS presented as of SeptemberÂ 30, 2024 were purchased from a broker to whom the Company owes approximately $195Â million, payable upon the settlement date of the trade. See Note 6 - Due to Broker. There was no margin collateral required as of SeptemberÂ 30, 2024. December 31, 2023Real Estate Securities at Fair ValueSecurities Sold Under Agreements to RepurchaseAllocated Capital(in thousands)AOMT RMBS (1)Mezzanine$10,972Â (844)10,128Â Subordinate55,665Â (19,812)35,853Â Interest Only/Excess13,059Â (1,871)11,188Â Retained RMBS in VIEs (2)â€”Â (22,116)(22,116)Total AOMT RMBS$79,696Â $(44,643)$35,053Â Whole Pool Agency RMBS (3)Fannie Mae$278,510Â $â€”Â $278,510Â Freddie Mac113,852Â â€”Â 113,852Â Total Whole Pool Agency RMBS$392,362Â $â€”Â $392,362Â Total RMBS$472,058Â $(44,643)$427,415Â (1) Â Â Â Â AOMT RMBS held as of DecemberÂ 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions.12Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)(2)Â Â Â Â A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $124.1 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets.(3) Â Â Â Â The whole pool RMBS presented as of DecemberÂ 31, 2023 were purchased from a broker to whom the Company owes approximately $392Â million, payable upon the settlement date of the trade. See Note 6 - Due to Broker.The following table sets forth certain information about the Companyâ€™s investments in U.S. Treasury securities as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:DateFace ValueUnamortized Discount, netAmortized CostUnrealized Gain/(Loss)Fair ValueNet Effective Yield($ in thousands)September 30, 2024$50,000Â $16Â $49,984Â (13)49,971Â 3.89Â %December 31, 2023$150,000Â $159Â $149,841Â $86Â $149,927Â 5.30Â %5.Â Â Â Â FinancingNotes PayableThe Company has the ability to finance residential and commercial whole loans, utilizing lines of credit (notes payable) from various counterparties, as further described below. Outstanding borrowings bear interest at floating rates depending on the lending counterparty, the collateral pledged, and the rate in effect for each interest period, as the same may change from time to time at the end of each interest period. Some agreements include upfront fees, fees on unused balances, covenants and concentration limits on types of collateral pledged which vary based on the counterparty. Occasionally, a lender may require certain margin collateral to be posted on a warehouse line of credit. There was no margin collateral required as of SeptemberÂ 30, 2024 or December 31, 2023.The following table sets forth the details of the Companyâ€™s notes payable and drawn amounts for whole loan purchases as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:Interest Rate Pricing SpreadDrawn AmountNote PayableBase Interest RateSeptember 30, 2024December 31, 2023($ in thousands)Multinational Bank 1 (1)Average Daily SOFR1.75% - 2.10%$292,060Â $206,183Â Global Investment Bank 2 (2)1 month Term SOFR2.10% - 3.45%â€”Â â€”Â Global Investment Bank 3 (3)Compound SOFR2.00% - 4.50%40,982Â 84,427Â Institutional Investors A and B (4)1 month Term SOFR3.50%N/Aâ€”Â Regional Bank 1 (5)1 month SOFR2.50% - 3.50%N/Aâ€”Â Total$333,042Â $290,610Â (1) Â Â Â Â On September 25, 2024, this financing facility was extended through March 25, 2025 in accordance with the terms of the agreement, which contemplates six-month renewals.(2) Â Â Â Â On March 28, 2024 the amended and restated Master Repurchase Agreement was terminated and replaced with a new $250Â million Master Repurchase Agreement which has a termination date of March 27, 2026. On October 25, 2024, this facility was amended, reducing the interest rate pricing spread to a range from 1.75% to 3.35%, based on loan status, dwell time and other factors. Prior to this extension the interest rate pricing spread ranged from 2.10% to 3.35% (See Note 16 â€” Subsequent Events).(3) Â Â Â Â On November 1, 2024, this facility was amended to (i) reduce the interest rate pricing spread to a range from 1.90% to 4.75%, based on loan status, dwell time and other factors, (ii) eliminate the 20 basis point index spread adjustment, and (iii) extend the facilityâ€™s termination date to November 1, 2025. (See note 16 â€” Subsequent Events).(4) Â Â Â Â These master repurchase agreements expired by their terms on January 4, 2023.(5) Â Â Â Â This agreement expired by its terms on March 16, 2023.13Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)The following table sets forth the total unused borrowing capacity of each financing line as of SeptemberÂ 30, 2024:Note PayableBorrowing CapacityBalance OutstandingAvailable Financing(in thousands)Multinational Bank 1$600,000Â $292,060Â $307,940Â Global Investment Bank 2250,000Â â€”Â 250,000Â Global Investment Bank 3200,000Â 40,982Â 159,018Â Total$1,050,000Â $333,042Â $716,958Â Although available financing is uncommitted for each of these lines of credit, the Companyâ€™s unused borrowing capacity is available if it has eligible collateral to pledge and meets other borrowing conditions as set forth in the applicable agreements.Senior Unsecured NotesOn July 25, 2024, the Company closed an underwritten public offering and sale of, and issued, $50Â million in aggregate principal amount of its 9.500% Senior Notes due 2029 (the â€œNotesâ€). The Notes bear interest at a rate of 9.500% per annum, payable quarterly in arrears on January 30, April 30, July 30 and October 30 of each year, commencing on October 30, 2024. The Notes will mature on July 30, 2029, unless earlier redeemed or repurchased by the Company and are held at amortized cost. After deducting the underwriting discount and other debt issuance costs, the Company received net proceeds of approximately $47.5 million.The Company may redeem the Notes in whole or in part at any time or from time to time at its option on or after July 30, 2026 at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest to, but excluding, the redemption date. Upon the occurrence of certain events relating to a change of control of the Company, the Company must make an offer to repurchase all outstanding Notes at a price in cash equal to 101% of the principal amount of the Notes, plus accrued and unpaid interest to, but excluding, the repurchase date. The Notes are fully and unconditionally guaranteed on a senior unsecured basis by the Operating Partnership, including the due and punctual payment of principal of, premium, if any, and interest on the Notes, whether at stated maturity, upon acceleration, call for redemption or otherwise.At SeptemberÂ 30, 2024, the outstanding principal amount of these notes was $50 million and the accrued interest payable on the Notes was $0.9Â million. At SeptemberÂ 30, 2024,

the unamortized deferred debt issuance cost was $1.5 million, and the net interest expense was $1.0 million. The unamortized deferred debt issuance costs will be amortized until maturity, which will be no later than July 30, 2029.6.Â Â Â Â Due to BrokerThe â€œDue to brokerâ€ account on the condensed consolidated balance sheets as of SeptemberÂ 30, 2024 and December 31, 2023, respectively, in the amounts of $195 million and $392Â million relates to the purchase of Whole Pool Agency RMBS at quarter-end in the third and fourth quarters of 2024 and 2023, respectively. Purchases are accounted for on a trade date basis, and, at times, there may be a timing difference between accounting periods for the trade date and the settlement date of a trade. The trade dates of these purchases were prior to the applicable quarter-end dates. These trades settled on October 15, 2024 and January 16, 2024, respectively, at which time these assets were simultaneously sold.The purchase transactions of these Whole Pool Agency RMBS are excluded from the condensed consolidated statements of cash flows until settled.7.Â Â Â Â Securities Sold Under Agreements to RepurchaseTransactions involving securities sold under agreements to repurchase are treated as collateralized financial transactions, and are recorded at their contracted repurchase amounts. Margin (if required) for securities sold under agreements to repurchase represents margin collateral amounts held to ensure that the Company has sufficient coverage for securities sold under agreements to repurchase in case of adverse price changes. Restricted cash of margin collateral for securities sold under agreements to repurchase was $0.3Â million as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively.14Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)The following table summarizes certain characteristics of the Companyâ€™s repurchase agreements as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:September 30, 2024Repurchase AgreementsAmount OutstandingWeighted Average Interest RateWeighted Average Remaining Maturity (Days)($ in thousands)U.S. Treasury securities$49,712Â 4.90Â %3AOMT RMBS (1)53,164Â 6.35Â %18Total$102,876Â 5.65Â %11December 31, 2023Repurchase AgreementsAmount OutstandingWeighted Average Interest RateWeighted Average Remaining Maturity (Days)U.S. Treasury securities$149,013Â 5.57Â %10AOMT RMBS (1)44,643Â 7.04Â %16Total$193,656Â 5.91Â %11(1) Â Â Â Â A portion of repurchase debt outstanding as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023 includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). See Note 4 - Investment Securities.Although the transactions under repurchase agreements represent committed borrowings until maturity, the lenders retain the right to mark the underlying collateral at fair value. A reduction in the value of pledged assets would require the Company to provide additional collateral or fund margin calls. 8.Â Â Â Â Derivative Financial InstrumentsIn the normal course of business, the Company enters into derivative financial instruments to manage its exposure to market risk, including interest rate risk and prepayment risk on its whole loan investments. The derivatives in which the Company invests, and the market risk that the economic hedge is intended to mitigate are further discussed below. Derivative instruments as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023 included both To-Be-Announced (â€œTBAâ€) securities and interest rate futures contracts. Restricted cash relating to interest rate futures margin collateral in interest rate futures accounts under the Companyâ€™s sole control as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023 included $2.3Â million and $2.5Â million, respectively. There was no TBA margin collateral required as of either SeptemberÂ 30, 2024 or DecemberÂ 31, 2023. For the three and nine months ended September 30, 2024, we recognized income tax expense and a corresponding liability related to income from our TBAs. The Company uses interest rate futures as economic hedges to hedge a portion of its interest rate risk exposure. Interest rate risk is sensitive to many factors, including governmental monetary and tax policies, domestic and international economic and political considerations, as well as other factors. The Companyâ€™s credit risk with respect to economic hedges is the risk of default on its investments that result from a borrowerâ€™s or counterpartyâ€™s inability or unwillingness to make contractually required payments.The Company may at times hold TBAs in order to mitigate its interest rate risk on certain specified mortgage-backed securities. Amounts or obligations owed by or to the Company are subject to the right of set-off with the TBA counterparty. As part of executing these trades, the Company may enter into agreements with its TBA counterparties that govern the transactions for the TBA purchases or sales made, including margin maintenance, payment and transfer, events of default, settlements, and various other provisions. Changes in the value of derivatives designed to protect against mortgage-backed securities fair value fluctuations, or economic hedging gains and losses, are reflected in the tables below. All realized and unrealized gains and losses on derivative contracts are recognized in earnings, in â€œnet realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBSâ€ for realized gains and losses, and â€œnet unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contractsâ€ for unrealized gains and losses.The Company considers the notional amounts, categorized by primary underlying risk, to be representative of the volume of its derivative activities.15Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)The following table sets forth the derivative instruments presented on the condensed consolidated balance sheets and notional amounts as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:Notional AmountsAs of:Derivatives Not Designated as Hedging InstrumentsNumber of ContractsAssetsLiabilitiesLong ExposureShort Exposure($ in thousands)September 30, 2024Interest rate futures2,404$1,392Â $â€”Â $â€”Â $240,400Â September 30, 2024TBAsN/A$259Â $â€”Â $â€”Â $203,400Â December 31, 2023Interest rate futures1,489$â€”Â $840Â $â€”Â $148,900Â December 31, 2023TBAsN/A$â€”Â $494Â $â€”Â $386,700Â The gains and losses arising from these derivative instruments in the condensed consolidated statements of operations and comprehensive income (loss) for the three and nine months ended SeptemberÂ 30, 2024 and SeptemberÂ 30, 2023 are set forth as follows:Derivatives Not Designated as Hedging InstrumentsNet Realized Gains (Losses) on Derivative InstrumentsNet Change in Unrealized Appreciation (Depreciation) on Derivative Instruments(in thousands)Three Months Ended September 30, 2024Interest rate futures$(4,461)$1,184Â Three Months Ended September 30, 2024TBAs$3,115Â $(1,235)Three Months Ended September 30, 2023Interest rate futures$2,828Â $(364)Three Months Ended September 30, 2023TBAs$7,421Â $4,927Â Derivatives Not Designated as Hedging InstrumentsNet Realized Gains (Losses) on Derivative InstrumentsNet Change in Unrealized Appreciation (Depreciation) on Derivative Instruments(in thousands)Nine Months Ended September 30, 2024Interest rate futures(622)2,232Â Nine Months Ended September 30, 2024TBAs$5,238Â $753Â Nine Months Ended September 30, 2023Interest rate futures$8,599Â $(2,416)Nine Months Ended September 30, 2023TBAs$4,900Â $(5,379)9.Â Â Â Â Fair Value MeasurementsFor financial reporting purposes, we follow a fair value hierarchy established under GAAP that is used to determine the fair value of financial instruments. This hierarchy prioritizes relevant market inputs in order to determine an â€œexit priceâ€ at the measurement date, or the price at which an asset could be sold or a liability could be transferred in an orderly process that is not a forced liquidation or distressed sale. Level 1 inputs are observable inputs that reflect quoted prices for identical assets or liabilities in active markets. Level 2 inputs are observable inputs other than quoted prices for an asset or liability that are obtained through corroboration with observable market data. Level 3 inputs are unobservable inputs (e.g., our own data or assumptions) that are used when there is little, if any, relevant market activity for the asset or liability required to be measured at fair value.In certain cases, inputs used to measure fair value fall into different levels of the fair value hierarchy. In such cases, the level at which the fair value measurement falls is determined based on the lowest level input that is significant to the fair value measurement. Our assessment of the significance of a particular input requires judgment and considers factors specific to the asset or liability being measured.As of SeptemberÂ 30, 2024, our valuation policy and processes had not changed from those described in our consolidated financial statements for the year ended December 31, 2023 included in the Annual Report on Form 10-K. Included in Note 10 â€” Fair Value Measurements to the Consolidated Financial Statements for the year ended December 31, 2023 included in the Annual Report on Form 10-K is a detailed description of our other financial instruments measured at fair value and their significant inputs, as well as the general classification of such instruments pursuant to the Level 1, Level 2, and Level 3 valuation hierarchy.16Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)The fair value of cash, restricted cash, principal and interest receivable, other assets (excluding investments in MOAs), notes payable, securities sold under agreements to repurchase, amounts due to broker and accrued expenses (including those payable to an affiliate and management fees payable to an affiliate), and interest payable approximate their carrying values due to the nature of these assets and liabilities. The Companyâ€™s â€œinvestments in majority-owned affiliatesâ€ included in other assets (see Note 13 â€” Other Assets) and a portion of â€œnon-recourse securitization obligations, collateralized by residential mortgage loansâ€ are held at amortized cost. The fair value of these assets and liabilities is disclosed further below in the section titled â€œAssets and Liabilities Held at Amortized Cost - Fair Value Disclosureâ€.The following table sets forth information about the Companyâ€™s financial assets and liabilities measured at fair value as of SeptemberÂ 30, 2024:Level 1Level 2Level 3Total(in thousands)Assets, at fair valueResidential mortgage loans$â€”Â $426,501Â $2,408Â $428,909Â Residential mortgage loans in securitization trustsâ€”Â 1,425,632Â 27,275Â 1,452,907Â Investments in securitiesAOMT RMBS (1)â€”Â 88,741Â â€”Â 88,741Â Whole Pool Agency RMBSâ€”Â 194,364Â â€”Â 194,364Â U.S. Treasury Securities49,971Â â€”Â â€”Â 49,971Â Other Assets, at fair value (2)â€”Â 11,178Â â€”Â 11,178Â Unrealized appreciation on futures contracts1,392Â â€”Â â€”Â 1,392Â Unrealized appreciation on TBAs259Â â€”Â â€”Â 259Â Total assets, at fair value$51,622Â $2,146,416Â $29,683Â $2,227,721Â Liabilities, at fair valueNon-recourse securitization obligation, collateralized by residential mortgage loans (3)$â€”Â $1,289,236Â $â€”Â $1,289,236Â Total liabilities, at fair value$â€”Â $1,289,236Â $â€”Â $1,289,236Â (1) Â Â Â Â AOMT RMBS held as of SeptemberÂ 30, 2024 included both retained tranches of AOMT securitizations in which the Company participated, additional AOMT securities purchased in secondary market transactions, and other RMBS purchased in secondary market transactions. (2) Â Â Â Â Includes Commercial Loans and AOMT commercial mortgage backed securities (â€œCMBS)â€ assets. All AOMT CMBS held as of SeptemberÂ 30, 2024 was comprised of a small-balance commercial loan securitization issuance in which the Company participated.(3) Â Â Â Â Only the portion subject to fair value measurement, as adjusted for fair value, is presented above. See below for the disclosure of the full debt at fair value.Transfers from Level 2 to Level 3 were comprised of residential loans more than 90 days overdue (including those in foreclosure). Transfers between Levels are deemed to take place on the first day of the reporting period in which the transfer has taken place. These transfers were not material.We use thirdâ€‘party valuation firms who utilize proprietary methodologies to value our residential and commercial loans. These firms generally use both market comparable information and discounted cash flow modeling techniques to determine the fair value of our Level 3 assets. Use of these techniques requires determination of relevant input and assumptions, some of which represent significant unobservable inputs such as anticipated credit losses, prepayment rates, default rates, or other valuation assumptions. Accordingly, a significant increase or decrease in any of these inputs in isolation may result in a significantly lower or higher fair value measurement. 17Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)The following table sets forth information regarding the Companyâ€™s significant Level 3 inputs as of SeptemberÂ 30, 2024:Input ValuesAssetFair ValueUnobservable InputRangeAverage($ in thousands)Residential mortgage loans, at fair value$2,408Â Prepayment rate (annual CPR)5.28% - 19.36%12.27%Default rate7.62% - 35.41%19.02%Loss severityâ€”% - 17.08%9.46%Expected remaining life0.67 - 4.28 years2.44 yearsResidential mortgage loans in securitization trust, at fair value$27,275Â Prepayment rate (annual CPR)4.01% - 15.67%10.63%Default rate6.98% - 28.33%17.42%Loss severity(22.22)% - 60.81%1.37%Expected remaining life1.33 - 5.86 years2.66 yearsAssets and Liabilities Held at Amortized Cost â€” Fair Value DisclosurePortion of Non-Recourse Securitization Obligations, Collateralized by Residential Mortgage Loans â€” Held at Amortized CostTo determine the fair value of the Companyâ€™s non-recourse securitization obligations, collateralized by residential mortgage loans, net, held at amortized cost, the Company uses the same method of valuation as described in the Annual Report on Form 10-K, Note 10 â€” Fair Value Measurements for both the portion of the obligation measured at fair value and the portion of the obligation held at amortized cost, for which fair value is disclosed below.As of SeptemberÂ 30, 2024, the total amortized cost basis and fair value of our non-recourse securitization obligations was $1.38Â billion and $1.29Â billion, respectively, a difference of approximately $87.0Â million (which includes AOMT 2022-1, AOMT 2022-4, AOMT 2023-4, and AOMT 2024-4, which are marked to fair value; and AOMT 2021-4 and AOMT 2021-7, which are carried at amortized cost, as the fair value option was not elected at the time of the creation of these obligations). The difference between the amortized cost and fair value solely attributable to AOMT 2021-4 and 2021-7 is approximately $64.5Â million. The difference between the amortized cost basis value and the fair value is derived from the difference between the period-end market pricing of the underlying bonds, as referred to above, and the amortized cost of the obligation. The fair value of the non-recourse securitization debt is not indicative of the amounts at which we could settle this debt.As of December 31, 2023, the total amortized cost basis and fair value of our non-recourse securitization obligations was $1.24Â billion and $1.09Â billion, respectively, a difference of approximately $156.4Â million (which includes AOMT 2022-1, AOMT 2022-4, and AOMT 2023-4, which are marked to fair value; and AOMT 2021-4 and AOMT 2021-7, which are carried at amortized cost, as the fair value option was not elected at the time of the creation of these obligations). The fair value solely attributable to AOMT 2021-4 and 2021-7 is approximately $81.9Â million less than the amortized cost. The difference between the amortized cost basis value and the fair value is derived from the difference between the period-end market pricing of the underlying bonds, as referred to above, and the amortized cost of the obligation. The fair value of the non-recourse securitization debt is not indicative of the amounts at which we could settle this debt. Investments in Majority-Owned AffiliatesTo determine the fair value of the Companyâ€™s investments in majority-owned affiliates, which are held at amortized cost and included in â€œother assetsâ€, the Company uses the prices of the underlying bonds in the investments to determine fair value. The Company utilizes PriceServe, Bank of Americaâ€™s independent fixed income pricing service, as the primary valuation source for these bonds. PriceServe obtains its price quotes from actual sales or quotes for sale of the same or similar securities and/or provides modelâ€‘based valuations that consider inputs derived from recent market activity including default rates, conditional prepayment rates, loss severity, expected yield to maturity, baseline discount margin/yield, recovery assumptions, tranche type, collateral coupon, age and loan size, and other inputs specific to each security. We believe that these quotes are most reflective of the price that would be achieved if the bonds were sold to an independent third party on the date of the condensed consolidated financial statements. The amortized cost and fair value of this investment as of SeptemberÂ 30, 2024 was approximately $18.7Â million and $17.0Â million, respectively. The amortized cost and fair value of these investments as of DecemberÂ 31, 2023 was approximately $16.2Â million and $16.7Â million, respectively.18Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)The following table sets forth information about the Companyâ€™s financial assets and liabilities measured at fair value as of DecemberÂ 31, 2023:Level 1Level 2Level 3Total(in thousands)Assets, at fair valueResidential mortgage loans$â€”Â $374,004Â $6,036Â $380,040Â Residential mortgage loans in securitization trustsâ€”Â 1,207,804Â 13,263Â 1,221,067Â Investments in securitiesAOMT RMBS (1)â€”Â 79,696Â â€”Â 79,696Â Whole Pool Agency RMBSâ€”Â 392,362Â â€”Â 392,362Â U.S. Treasury Securities.149,927Â â€”Â â€”Â 149,927Â Other Assets, at fair value (2)â€”Â 32,923Â â€”Â 32,923Â Total assets, at fair value$149,927Â $2,086,789Â $19,299Â $2,256,015Â Liabilities, at fair valueNon-recourse securitization obligation, collateralized by residential mortgage loans (3)$â€”Â $743,189Â $â€”Â $743,189Â Unrealized depreciation on futures contracts(840)â€”Â â€”Â (840)Unrealized depreciation on TBAs(494)â€”Â â€”Â (494)Total liabilities, at fair value$(1,334)$743,189Â $â€”Â $741,855Â (1) Â Â Â Â AOMT RMBS held as of DecemberÂ 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated, additional AOMT securities purchased in secondary market transactions, and other RMBS purchased in secondary market transactions.(2) Â Â Â Â Includes Commercial Loans and AOMT CMBS assets. All AOMT CMBS held as of DecemberÂ 31, 2023 was comprised of a small-balance commercial loan securitization issuance in which the Company participated.(3) Â Â Â Â Only the portion subject to fair value measurement, as adjusted for fair value, is presented above. All unrealized gains and losses arising from valuation changes in residential and commercial mortgage loans, TBAs, and futures contracts are recognized in net income for the periods presented.Transfers from Level 2 to Level 3 were comprised of residential loans more than 90 days overdue (including those in foreclosure) and commercial mortgage loans in special servicing or otherwise considered â€œnonâ€‘performingâ€ by the Companyâ€™s thirdâ€‘party valuation providers. Transfers between Levels are deemed to take place on the first day of the reporting period in which the transfer has taken place. Transfers between Level 2 and Level 3 were immaterial for the year ended DecemberÂ 31, 2023.19Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)We use thirdâ€‘party valuation firms who utilize proprietary methodologies to value our residential and commercial loans. These firms generally use both market comparable information and discounted cash flow modeling techniques to determine the fair value of our Level 3 assets. Use of these techniques requires determination of relevant input and assumptions, some of which represent significant unobservable inputs such as anticipated credit losses, prepayment rates, default rates, or other valuation assumptions. Accordingly, a significant increase or decrease in any of these inputs in isolation may result in a significantly lower or higher fair value measurement. The following table sets forth information regarding the Companyâ€™s significant Level 3 inputs as of DecemberÂ 31, 2023:Input ValuesAssetFair ValueUnobservable InputRangeAverageResidential mortgage loans, at fair value$6,036Â Prepayment rate (annual CPR)6.86% - 19.93%13.40%Default rate12.69% - 13.64%13.16%Loss severity(25.00)% - 40.13%4.12%Expected remaining life0.67 - 4.09 years2.22 yearsResidential mortgage loans in securitization trust, at fair value$13,263Â Prepayment rate (annual CPR)5.97% - 20.71%12.32%Default rate4.38% - 28.66%16.92%Loss severity(13.99)% - 19.60%4.14%Expected remaining life0.67 - 5.67 years2.72 years10.Â Â Â Â Related Party TransactionsResidential Mortgage Loan PurchasesThe Company has residential loan purchase agreements with various affiliates of the Company. The purchase price of the loans is generally equal to the outstanding principal of the mortgage, adjusted by a premium or discount,

depending on market conditions. The Company purchases the mortgage loans on a servicing released basis.The following table sets forth certain financial information pertaining to whole loan activity purchased from affiliates during the period and year ended as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:As of and for the Year-to-Date/Year Ended:Amount of Loans Purchased from Affiliates during the Year-to-Date/Year Ended (in thousands)Number of Loans Purchased from Affiliates during the Year-to-Date/Year EndedNumber of Loans Purchased from Affiliates, Owned and Held as of Year-to-Date/Year Ended (1):September 30, 2024$182,200Â 405Â 380Â December 31, 2023$199,793Â 475Â 589Â (1) Â Â Â Â Excludes loans held in consolidated securitizations.Securitization Transactions and Majority-Owned AffiliateFrom time to time, the Company participates in securitization transactions with other affiliates of Angel Oak Capital. See Note 2 â€" Variable Interest Entities, â€œVIEs for Which the Company is Not the Primary Beneficiaryâ€ and Note 13 â€" Other Assets.Management FeeThe Companyâ€™s management agreement, effective as of June 21, 2021 and amended and restated on May 1, 2024, by and among the Company, the Operating Partnership, and the Manager (as amended and restated, the â€œManagement Agreementâ€), provides that the Company will pay the Manager, in arrears, on a quarterly basis, an aggregate fixed management fee equal to 1.5% per annum of the Companyâ€™s Equity (as is defined in the Management Agreement).20Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)Incentive FeeUnder the Management Agreement, the Manager is also entitled to an incentive fee, which is calculated and payable in cash with respect to each calendar quarter (or part thereof that the Management Agreement is in effect) in arrears in an amount, not less than zero, equal to the excess of (1) the product of (a) 15% and (b) the excess of (i) the Companyâ€™s Distributable Earnings (as defined in the Management Agreement) for the previous 12-month period, over (ii) the product of (A) the Companyâ€™s Equity (as defined in the Management Agreement) in the previous 12-month period, and (B) 8% per annum, over (2) the sum of any incentive fee earned by the Manager with respect to the first three calendar quarters of such previous 12-month period. To date, the incentive fee has not been earned and no expense has been recognized in the Companyâ€™s financial statements.Operating Expense ReimbursementsThe Company is also required to pay the Manager reimbursements for certain general and administrative expenses pursuant to the Management Agreement. Accrued expenses payable to affiliate and operating expenses incurred with affiliate are substantially comprised of payroll reimbursements to an affiliate of the Manager.11.Â Â Â Â Commitments and ContingenciesThe Company, from time to time, may be party to litigation relating to claims arising in the normal course of business. As of SeptemberÂ 30, 2024, the Company was not aware of any legal claims that could materially impact its financial condition. As of SeptemberÂ 30, 2024, the Company had no unfunded commitments.The Company has entered into forward purchase commitments with counterparties whereby the Company commits to purchasing residential mortgage loans at a particular price, provided the residential mortgage loans close with the counterparties. As of SeptemberÂ 30, 2024, the Company has a total purchase commitments of $93.3Â million related to both Angel Oak Mortgage Lending and third parties. These commitments represent off-balance sheet risk where the Company may be required to extend credit. 12.Â Â Â Â Accumulated Other Comprehensive Income/(Loss)The following table sets forth the net unrealized gain/(loss) on available-for-sale (â€œAFSâ€) securities for the three and nine months ended SeptemberÂ 30, 2024 and 2023, which is the sole component of the changes in the Companyâ€™s Accumulated Other Comprehensive Income/(Loss) (â€œAOCIâ€) for the three and nine months ended SeptemberÂ 30, 2024 and 2023:Three Months Ended September 30, 2024Three Months Ended September 30, 2023(in thousands)AOCI balance, beginning of period$(3,147)$(6,565)Net unrealized gain/(loss) on AFS securities2,706Â (1,607)AOCI balance, end of period(441)(8,172)Nine Months Ended September 30, 2024Nine Months Ended September 30, 2023(in thousands)AOCI balance, beginning of period$(4,975)$(21,127)Net unrealized gain/(loss) on AFS securities4,534Â 12,955Â AOCI balance, end of period(441)(8,172)21Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)13.Â Â Â Â Other AssetsThe following table sets forth the detail of other assets included in the condensed consolidated balance sheets as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:September 30, 2024December 31, 2023($ in thousands)Investments in Majority-Owned Affiliates$18,720Â $16,232Â Commercial Mortgage Loans, at fair value5,242Â 5,219Â CMBS, at fair value5,936Â 6,592Â Deferred tax asset3,457Â 3,457Â Prepaid expenses1,570Â 1,137Â Protective advances and other assets1,037285Total other assets$35,962Â $32,922Â Investments in Majority-Owned Affiliates (â€œMOAâ€)In 2023 and the first three quarters of 2024, the Company participated in securitization transactions AOMT 2023-1, AOMT 2023-5, AOMT 2023-7, AOMT 2024-3, and AOMT 2024-6, which involved MOAs in which the Company received investments of 41.21%, 34.42%, 10.35%, 10.98%, and 4.51% respectively, in each case proportional to its share of the unpaid principal balance of the residential whole loans contributed to the securitizations. The purpose of the MOAs is to retain and hold risk retention bonds issued by the securitization trust. Each MOA is a limited liability company and is accounted for as an equity method investment and held at amortized cost. The investment will be tested for impairment at least annually utilizing undiscounted cash flows of the underlying bonds. See Note 9 â€" Fair Value Measurements.Commercial Mortgage LoansCommercial mortgage loans are measured at fair value. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the cost and unpaid principal balance of the assets was $5.6Â million and $5.6Â million, with a fair value of $5.2Â million and $5.2Â million, respectively. The weighted average interest rate was 6.24% with a weighted average maturity of 11 years, as of SeptemberÂ 30, 2024. There were no commercial mortgage loans more than ninety (90) days past due or in foreclosure as of SeptemberÂ 30, 2024 or DecemberÂ 31, 2023.Commercial Mortgage Backed SecuritiesCMBS are held at fair value. As of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, the cost of these assets were $6.1Â million and $6.3Â million, with a fair value of $5.9Â million and $6.6Â million, respectively. There was no repurchase debt held against these assets at SeptemberÂ 30, 2024 or DecemberÂ 31, 2023.14. Â Â Â Â EquityAs of SeptemberÂ 30, 2024, we had 6,973,959 shares of our common stock remaining available for sale from time to time in at-the-market equity offering program (the â€œATM Programâ€). These shares are registered with the SEC under our shelf registration statement. During the three-months and nine-months ended SeptemberÂ 30, 2024, the Company issued and sold 188,456 shares of common stock through the ATM Program for proceeds of $2.3 million, net of $45Â thousand in commissions and fees.On July 25, 2024 the Company repurchased 1,707,922 shares of common stock owned by Xylem Finance LLC, an affiliate of Davidson Kempner Capital Management, LP, for an aggregate repurchase price of approximately $20.0Â million following the issuance of $50Â million in aggregate principal amount of the Notes.15. Â Â Â Â Earnings per Share (â€œEPSâ€)In the calculations of basic and diluted earnings per common share for the three and nine months ended SeptemberÂ 30, 2024 and 2023, the Company included participating securities, which are certain equity awards that have non-forfeitable dividend participation rights. Dividends and undistributed earnings allocated to participating securities under the basic and diluted earnings per share calculations require specific shares to be included that may differ in certain circumstances.For the three and nine month periods ended SeptemberÂ 30, 2024, there were approximately 120,000 dilutive outstanding restricted stock awards and approximately 200,000 dilutive performance-based restricted stock units. To date we have expensed $0.7Â million related to the performance-based restricted stock units based on current market conditions. 22Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)For the three and nine month periods ended SeptemberÂ 30, 2023, there were 186,645 anti-dilutive outstanding restricted stock awards and 95,832 performance shares, although the market-based â€œtotal stockholder returnâ€ conditions for performance share units had not been achieved and thus these units were not included in the diluted weighted average common shares outstanding.The following table sets forth the calculation of basic and diluted earnings per share for the three months ended SeptemberÂ 30, 2024 and 2023:September 30, 2024September 30, 2023(in thousands, except share and per share data)Basic Earnings (Loss) per Common Share:Net income (loss) to common stockholders$31,204Â $8,273Â Dividends allocated to participating securities(38)(60)Net income (loss) to common stockholders - basic$31,166Â $8,213Â Basic weighted average common shares outstanding23,757,039Â 24,768,921Â Basic earnings (loss) per common share$1.31Â $0.33Â Diluted Earnings (Loss) per Common Share:Net income (loss) to common stockholders - basic$31,204Â $8,273Â Dividends allocated to participating securities(38)(60)Net income (loss) to common stockholders - diluted$31,166Â $8,213Â Basic weighted average common shares outstanding23,757,039Â 24,768,921Â Net effect of dilutive equity awards322,208Â 188,747Â Diluted weighted average common shares outstanding24,079,247Â 24,957,668Â Diluted earnings (loss) per common share$1.29Â $0.33Â The following table sets forth the calculation of basic and diluted earnings per share for the nine months ended SeptemberÂ 30, 2024 and 2023:September 30, 2024September 30, 2023(in thousands, except share and per share data)Basic Earnings (Loss) per Common Share:Net income (loss) to common stockholders$43,806Â $5,115Â Dividends allocated to participating securities(115)(123)Net income (loss) to common stockholders - basic$43,691Â $4,992Â Basic weighted average common shares outstanding24,445,105Â 24,706,568Â Basic earnings (loss) per common share$1.79Â $0.20Â Diluted Earnings (Loss) per Common Share:Net income (loss) to common stockholders - basic$43,806Â $5,115Â Dividends allocated to participating securities(115)(123)Net income (loss) to common stockholders - diluted$43,691Â $4,992Â Basic weighted average common shares outstanding24,445,105Â 24,706,568Â Net effect of dilutive equity awards333,360Â 227,265Â Diluted weighted average common shares outstanding24,778,465Â 24,933,833Â Diluted earnings (loss) per common share$1.76Â $0.20Â 23Angel Oak Mortgage REIT, Inc.Notes to the Condensed Consolidated Financial Statements(Unaudited)16.Â Â Â Â Subsequent EventsOn October 16, 2024, the Company securitized residential mortgage loans with a scheduled unpaid principal balance of approximately $316.8Â million in the issuance of AOMT 2024-10. Similar to certain previous securitization transactions, the Company will consolidate the VIE used to facilitate this transaction. See Note 2 â€" Variable Interest Entities for a discussion of the accounting policies applied to the consolidation of VIEs and transfers of financial assets in connection with financing transactions.On October 25, 2024, the Company amended its loan financing facility with Global Investment Bank 2 to, among other changes, reduce the interest rate pricing spread to a range from 1.75% to 3.35%, based on collateral type, loan status, dwell time and other factors. See Note 5 â€" Financing for a further discussion related to this financing facility.On November 1, 2024, the Company amended its loan financing facility with Global Investment Bank 3 to, among other changes, (i) extend the termination date to November 1, 2025; (ii) reduce the interest rate pricing spread to a range from 1.90% to 4.75% based on collateral type, loan status, dwell time and other factors; and (iii) eliminate the 20 basis point index spread adjustment. See Note 5 â€" Financing for a further discussion related to this financing facility. On November 6, 2024, the Company declared a dividend of $0.32 per share of common stock, to be paid on November 27, 2024 to common stockholders of record as of November 19, 2024.24ITEM 2. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONSManagementâ€™s discussion and analysis of financial condition and results of operations is intended to help the reader understand the results of operations and financial condition of Angel Oak Mortgage REIT, Inc. The following should be read in conjunction with the unaudited condensed consolidated financial statements and notes thereto. References herein to our â€œCompany,â€ â€œwe,â€ â€œus,â€ or â€œourâ€ refer to Angel Oak Mortgage REIT, Inc. and its subsidiaries including Angel Oak Mortgage Operating Partnership, LP (the â€œOperating Partnershipâ€), through which we hold substantially all of our assets and conduct our operations. Unless otherwise indicated, the term â€œAngel Oakâ€ refers collectively to Angel Oak Capital Advisors, LLC (â€œAngel Oak Capitalâ€) and its affiliates, including Falcons I, LLC, our external manager (our â€œManagerâ€), Angel Oak Companies, LP (â€œAngel Oak Companiesâ€), and the proprietary mortgage lending platform of affiliates Angel Oak Mortgage Solutions LLC (together with other non-operational affiliated originators, â€œAngel Oak Mortgage Lendingâ€).Cautionary Note Regarding Forward-Looking StatementsThis Quarterly Report on Form 10-Q contain forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve numerous risks and uncertainties. Our actual results may differ from our beliefs, expectations, estimates, and projections and, consequently, you should not rely on these forward-looking statements as predictions of future events. Forward-looking statements are not historical in nature and can be identified by words such as â€œanticipate,â€ â€œestimate,â€ â€œwill,â€ â€œshould,â€ â€œexpect,â€ â€œbelieve,â€ â€œintend,â€ â€œseek,â€ â€œplanâ€ and similar expressions or their negative forms, or by references to strategy, plans, or intentions. These forward-looking statements are subject to risks and uncertainties, including, among other things, those described under Item 1A. â€œRisk Factorsâ€ in our Annual Report on Form 10-K for the year ended DecemberÂ 31, 2023 (the â€œAnnual Report on Form 10-Kâ€). Other risks, uncertainties, and factors that could cause actual results to differ materially from those projected may be described from time to time in other reports we file with the Securities and Exchange Commission (the â€œSECâ€). We undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.Factors that could have a material adverse effect on future results and performance relative to those set forth in or implied by the related forward-looking statements, as well as on our business, financial condition, liquidity, results of operations and prospects, include, but are not limited to:â€¢the effects of adverse conditions or developments in the financial markets and the economy upon our ability to acquire target assets such as non-qualified residential mortgage (â€œnon-QMâ€) loans, particularly those sourced from Angel Oakâ€™s proprietary mortgage lending platform, Angel Oak Mortgage Lending;â€¢the level and volatility of prevailing interest rates and credit spreads;â€¢changes in our industry, inflation, interest rates, business strategies, target assets, the debt or equity markets, the general economy (or in specific regions) or the residential real estate finance and real estate markets specifically;â€¢general volatility of the markets in which we invest;â€¢changes in the availability of attractive loan and other investment opportunities, including non-QM loans sourced from Angel Oak Mortgage Lending;â€¢the ability of our Manager to locate suitable investments for us, manage our portfolio, and implement our strategy;â€¢our ability to profitably execute securitization transactions;â€¢our ability to obtain and maintain financing arrangements on favorable terms, or at all;â€¢the adequacy of collateral securing our investments and a decline in the fair value of our investments;â€¢the timing of cash flows, if any, from our investments;â€¢the operating performance, liquidity, and financial condition of borrowers;â€¢increased rates of default and/or decreased recovery rates on our investments;â€¢changes in prepayment rates on our investments;â€¢the departure of any of the members of senior management of the Company, our Manager, or Angel Oak;â€¢the availability of qualified personnel;â€¢conflicts with Angel Oak, including our Manager and its personnel, including our officers, and entities managed by Angel Oak;25â€¢events, contemplated or otherwise, such as acts of God, including hurricanes, earthquakes, and other natural disasters, including those resulting from global climate change, pandemics, acts of war or terrorism, the initiation or escalation of military conflicts (such as the Russian invasion of Ukraine), and others that may cause unanticipated and uninsured performance declines, disruptions in markets, and/or losses to us or the owners and operators of the real estate securing our investments;â€¢impact of and changes in governmental regulations, tax laws and rates, accounting principles and policies and similar matters;â€¢the level of governmental involvement in the U.S. mortgage market;â€¢future changes with respect to the Federal National Mortgage Association (â€œFannie Maeâ€) or Federal Home Loan Mortgage Corporation (â€œFreddie Macâ€ and together with Fannie Mae, the â€œGSEsâ€) in the mortgage market and related events, including the lack of certainty as to the future roles of these entities and the U.S. Government in the mortgage market and changes to legislation and regulations affecting these entities;â€¢effects of hedging instruments on our target assets and our returns, and the degree to which our hedging strategies may or may not protect us from interest rate volatility;â€¢our ability to make distributions to our stockholders in the future at the level contemplated by our stockholders or the market generally, or at all;â€¢our ability to continue to qualify as a real estate investment trust (a â€œREITâ€) for U.S. federal income tax purposes; andâ€¢our ability to maintain our exclusion from regulation as an investment company under the Investment Company Act of 1940, as amended (the â€œInvestment Company Actâ€).When considering forward-looking statements, you should keep in mind the risk factors and other cautionary statements in this report and in the Annual Report on Form 10-K. Readers are cautioned not to place undue reliance on any of these forward-looking statements, which reflect our managementâ€™s views only as of the date such statements are made. The risks summarized under Item 1A. â€œRisk Factorsâ€ in the Annual Report on Form 10-K could cause actual results and performance to differ materially from those set forth in or implied by our forward-looking statements. New risks and uncertainties arise over time, and it is not possible for us to predict those events or how they may affect us.Important Information Regarding Our Disclosure to Investors We may use our website (www.angeloakreit.com) to communicate with our investors and disclose company information. The information disclosed through our website may be considered material, so investors should monitor our website in addition to press releases, SEC filings and public conference calls and webcasts. The contents of our website referenced herein are not incorporated by reference into this report.GeneralAngel Oak Mortgage REIT, Inc. is a real estate finance company focused on acquiring and investing in first lien non-QM loans and other mortgage-related assets in the U.S. mortgage market. Our strategy is to make credit-sensitive investments primarily in newly-originated first lien non-QM loans that are primarily made to higher-quality non-QM loan borrowers and primarily sourced from Angel Oakâ€™s proprietary mortgage lending platform, Angel Oak Mortgage Lending, which currently operates primarily through a wholesale channel and has a national origination footprint. We also may invest in other residential mortgage loans, residential mortgage-backed securities (â€œRMBSâ€), and other mortgage-related assets, which, collectively with non-QM loans, we refer to as our target assets. Further, we also may identify and acquire our target assets through the secondary market when market conditions and asset prices are conducive to making attractive purchases. Our objective is to generate attractive risk-adjusted returns for our stockholders, through cash distributions and capital appreciation, across interest rate and credit cycles.We are externally managed and advised by our Manager, Falcons I, LLC, a registered investment adviser under the Investment Advisers Act of 1940, as amended, and an affiliate of Angel Oak Capital, a leading alternative credit manager with market leadership in mortgage credit that includes asset management, lending and capital markets. Angel Oak Mortgage Lending, an affiliated Angel Oak mortgage origination platform, is a market leader in nonâ€'QM loan production.Through our

relationship with our Manager, we benefit from Angel Oakâ€™s vertically integrated platform and inâ€‘house expertise, providing us with the resources that we believe are necessary to generate attractive riskâ€‘adjusted returns for our stockholders. Angel Oak Mortgage Lending provides us with proprietary access to nonâ€‘QM loans, as well as transparency over the underwriting process and the ability to acquire loans with our desired credit and return profile. We believe our ability to identify and acquire target assets through the secondary market is bolstered by Angel Oakâ€™s experience in the mortgage industry and expertise in structured credit investments. In addition, we believe we have significant competitive advantages due to Angel Oakâ€™s analytical investment tools, extensive relationships in the financial community, financing and capital structuring skills, investment surveillance capabilities, and operational expertise.26We have elected to be taxed as a REIT for U.S. federal income tax purposes commencing with our taxable year ended December 31, 2019. Commencing with our taxable year ended December 31, 2019, we believe that we have been organized and operated, and we intend to continue to operate in conformity with the requirements for qualification and taxation as a REIT under the Internal Revenue Code of 1986, as amended (the â€œCodeâ€). Our qualification as a REIT, and maintenance of such qualification, depends on our ability to meet, on a continuing basis, various complex requirements under the Code relating to, among other things, the sources of our gross income, the composition and values of our assets, our distribution levels, and the concentration of ownership of our stock. We also intend to operate our business in a manner that will allow us to maintain our exclusion from regulation as an investment company under the Investment Company Act. Our common stock commenced trading on the New York Stock Exchange on June 17, 2021.We expect to derive our returns primarily from the difference between the interest we earn on loans we invest in and our cost of capital, as well as the returns from bonds, including risk retention securities, that are retained after securitizing the underlying loan collateral.Trends and Recent DevelopmentsOverall macroeconomic environment and its effect on usOver the course of the third quarter, signs of easing inflation and a stable employment sector that had emerged during the second quarter persisted, providing the Federal Reserve Bank of the United States (â€œthe Fedâ€) with confidence to reduce interest rates at its September meeting for the first time since March of 2020. At that meeting, the Fed elected to reduce rates by what was perceived to be an aggressive 50 basis points (â€œbpsâ€). Following the rate cut and now that an easing rate cycle has begun, analysts are split over the expected timing and extent of future rate cuts. As of the end of September 2024, markets were pricing in an additional 1.5 cuts through the end of the year. As of the end of September 2024, inflation was 2.4%, down from 2.9% as of the end of June but still above the Fedâ€™s 2.0% target.30 year fixed residential conforming mortgage rates also responded to the Fed rate cuts, with the average rate dropping 78bps, from from 6.86% at the end of June 2024 to 6.08% as of the end of September 2024. According to the U.S. Department of Housing and Urban Development, mortgage origination activity rose 9.6% in August 2024 on a month over month seasonally adjusted basis, driven by a 15.8% increase in single-family housing starts. Rate cuts are expected to drive increased home purchase and mortgage origination activity going forward, but the extent of such activity remains uncertain.On the heels of inflation data and the Fed rate cuts, the two-year and five-year Treasury yields decreased by 112bps and 82bps, respectively, in the third quarter of 2024 compared to the end of June 2024. Net of new loan purchases and securitizations, we observed an increase of approximately 261 basis points in the weighted average price of our residential whole loans portfolio since the end of second quarter 2024. The weighted average coupon of our residential whole loans portfolio held relatively flat at 7.73% as of the end of the third quarter of 2024 compared to 7.71% as of the end of the second quarter of 2024. Subsequent to the end of the third quarter of 2024, in October, we executed the AOMT 2024-10 securitization as the sole contributor of loans, contributing approximately $316.8 million in scheduled unpaid principal balance of residential mortgage loans. During the third quarter of 2024, we purchased $264.8 million of newly-originated, current market coupon non-QM residential mortgage loans, with a weighted average coupon of 7.74%, weighted average loan-to-value ratio (â€œLTVâ€) of 70.0% and weighted average credit score of 754.Notes offeringOn July 25, 2024, we closed an underwritten public offering and sale of, and issued, $50 million in aggregate principal amount of our 9.500% Senior Notes due 2029 (the â€œNotesâ€). The Notes bear interest at a rate of 9.500% per annum, payable quarterly in arrears on January 30, April 30, July 30 and October 30 of each year, commencing on October 30, 2024. The Notes will mature on July 30, 2029, unless earlier redeemed or repurchased by us. We have deployed the majority of the net proceeds from the offering of the Notes for general corporate purposes, which included the acquisition of non-QM loans and other target assets primarily sourced from our affiliated proprietary mortgage lending platform and other target assets through the secondary market in a manner consistent with our strategy and investment guidelines. Additionally, we used a portion of the net proceeds from the offering of the Notes to repurchase 1,707,922 shares of our common stock owned by Xylem Finance LLC, an affiliate of Davidson Kempner Capital Management LP, for an aggregate repurchase price of approximately $20.0 million.Our investment performance Net Interest Margin (â€œNIMâ€). An increase in both the balance and yield of our target assets generated greater interest income in the third quarter of 2024 as compared to the third quarter of 2023. Interest income growth outpaced the growth in interest expense, leading to higher NIM in the third quarter of 2024 compared to the third quarter of 2023.Net realized loss. Our net realized loss for the quarter ended SeptemberÂ 30, 2024 was primarily due to realized losses associated with rate hedge contracts, as well as paydowns on our residential loans and loans held in securitization trusts portfolios.Net unrealized gain. Our net unrealized gain for the quarter ended SeptemberÂ 30, 2024 was driven by an increase in the valuation of our residential whole loans and the net valuation of loans in securitization trust and non-recourse securitization obligation portfolios.27Whole loans and securitization activityDuring the quarter ended SeptemberÂ 30, 2024, we purchased $264.8 million of newly-originated, current market coupon non-QM residential mortgage loans, with a weighted average coupon of 7.74%, weighted average LTV of 70.0% and weighted average credit score of 754.In March 2024, we participated in AOMT 2024-3, an approximately $439.6 million scheduled unpaid principal balance securitization backed by a pool of residential mortgage loans, to which we contributed loans with a scheduled unpaid principal balance of approximately $48.7 million. We participated in this securitization alongside other Angel Oak entities, and may strategically enter into similar securitizations in the future.In April 2024, we issued AOMT 2024-4, an approximately $299.8 million scheduled unpaid principal balance securitization backed by a pool of residential mortgage loans. We issued AOMT 2024-4 as the sole participant in the securitization. As the primary beneficiary we have consolidated the AOMT 2024-4 securitization, maintaining the residential mortgage loans held in the securitization trust and the related financing obligation thereto on our condensed consolidated balance sheet as of the applicable balance sheet date.In June 2024, we participated in AOMT 2024-6, an approximately $479.6 million scheduled unpaid principal balance securitization backed by a pool of residential mortgage loans, to which we contributed loans with a scheduled unpaid principal balance of approximately $22.9 million. We participated in this securitization alongside other Angel Oak entities, and may strategically enter into similar securitizations in the future.Subsequent to quarter end, in October 2024, we issued AOMT 2024-10, an approximately $316.8 million scheduled unpaid principal balance securitization backed by a pool of residential mortgage loans. We issued AOMT 2024-10 as the sole participant in the securitization. As the primary beneficiary we will consolidate the AOMT 2024-10 securitization, maintaining the residential mortgage loans held in the securitization trust and the related financing obligation thereto on our condensed consolidated balance sheet as of the applicable balance sheet date.Whole loan financing facilities activityWe continuously evaluate our lender base and may enter into new agreements and / or exit agreements as we deem prudent, in accordance with our core financial strategy of purchasing whole loans and financing them until securitized. See â€œLiquidity and Capital Resourcesâ€ below for a full description of our financing arrangements. Our total borrowing capacity was $1.1Â billion as of SeptemberÂ 30, 2024. Highlights of whole loan financing facilities activity over the third quarter of 2024 are as follows:â€¢During the quarter ended SeptemberÂ 30, 2024, we maintained the same whole loan financing facility lender base as of December 31, 2023.â€¢During the quarter ended SeptemberÂ 30, 2024, we (i) renewed our loan financing facility with Multinational Bank 1 in accordance with the mechanism for six-month renewal periods.â€¢Subsequent to quarter end, we (i) in October 2024, amended our loan financing facility with Global Investment Bank 2 to, among other changes, reduce the interest rate pricing spread to a range from 1.75% to 3.35% and (ii) in November 2024 amended our loan financing facility with Global Investment Bank 3 to, among other changes, (a) extend the termination date to November 1, 2025; (b) reduce the interest rate pricing spread to a range from1.90% to 4.75% based on collateral type, loan status, dwell time and other factors; and (c) eliminate the 20 basis point index spread adjustment.Key Financial MetricsAs a real estate finance company, we believe the key financial measures and indicators for our business are Distributable Earnings, Distributable Earnings Return on Average Equity, Book Value per Share of Common Stock, and Economic Book Value per Share of Common Stock.Distributable EarningsDistributable Earnings is a nonâ€‘GAAP measure and is defined as net income (loss) allocable to common stockholders as calculated in accordance with generally accepted accounting principles in the United States of America (â€œGAAPâ€), excluding (1) unrealized gains and losses on our aggregate portfolio, (2) impairment losses, (3) extinguishment of debt, (4) non-cash equity compensation expense, (5) the incentive fee earned by our Manager, (6) realized gains or losses on swap terminations and (7) certain other nonrecurring gains or losses. We believe that the presentation of Distributable Earnings provides investors with a useful measure to facilitate comparisons of financial performance among our REIT peers, but has important limitations. We believe Distributable Earnings as described above helps evaluate our financial performance without the impact of certain transactions but is of limited usefulness as an analytical tool. As a REIT, we are generally required to distribute at least 90% of our annual REIT taxable income and to pay U.S. federal income tax at the regular corporate rate to the extent that we annually distribute less than 100% of such taxable income. Given these requirements and our belief that dividends are generally one of the principal reasons that stockholders invest in our common stock, generally we intend to attempt to pay dividends to our stockholders in an amount equal to our REIT taxable income, if and to the extent authorized by our Board of Directors. Distributable Earnings is one of a 28number of factors considered by our Board of Directors in declaring dividends and, while not a direct measure of REIT taxable income, over time, the measure can be considered a useful indicator of our dividends. Distributable Earnings should not be viewed in isolation and is not a substitute for net income computed in accordance with GAAP. Our methodology for calculating Distributable Earnings may differ from the methodologies employed by other REITs to calculate the same or similar supplemental performance measures, and as a result, our Distributable Earnings may not be comparable to similar measures presented by other REITs.We also use Distributable Earnings to determine the incentive fee, if any, payable to our Manager pursuant to the management agreement that we and the Operating Partnership entered into with our Manager upon the completion of our initial public offering of common stock (â€œIPOâ€) on June 21, 2021 and amended and restated on May 1, 2024 (as amended and restated, the â€œManagement Agreementâ€). For information on the fees that are payable to our Manager under the Management Agreement, see â€œNote 10 â€“ Related Party Transactionsâ€ in our unaudited condensed consolidated financial statements included in this report. Distributable Earnings were a loss of $3.4 million and a loss of $8.6 million for the three months ended SeptemberÂ 30, 2024 and 2023, respectively. The primary drivers of this quarterâ€™s Distributable Earnings as compared to GAAP net income are the adjustments to remove unrealized gains associated with our residential loans and residential loans in securitization trusts and non-recourse securitization obligation portfolios.The table below sets forth a reconciliation of net income (loss) allocable to common stockholders, calculated in accordance with GAAP, to Distributable Earnings for the three and nine months ended SeptemberÂ 30, 2024 and 2023:Three Months EndedNine Months EndedSeptember 30, 2024September 30, 2023September 30, 2024September 30, 2023(in thousands)Net income (loss) allocable to common stockholders$31,204Â $8,273Â $43,806Â $5,115Â Adjustments:Net unrealized (gains) losses on trading securities(984)4,857Â 829Â 7,134Â Net unrealized (gains) losses on derivatives51Â (4,563)(2,985)7,794Â Net unrealized (gains) losses on residential loans(7,935)(12,338)(17,438)(48,497)Net unrealized (gains) losses on commercial loansâ€”Â 64Â (49)(83)Non-cash equity compensation expense604Â 447Â 1,864Â 1,195Â Distributable Earnings$(3,364)$(8,579)$(2,844)$(21,558)Distributable Earnings Return on Average EquityDistributable Earnings Return on Average Equity is a non-GAAP measure and is defined as annual or annualized Distributable Earnings divided by average total stockholdersâ€™ equity. We believe that the presentation of Distributable Earnings Return on Average Equity provides investors with a useful measure to facilitate comparisons of financial performance among our REIT peers, but has important limitations. Additionally, we believe Distributable Earnings Return on Average Equity provides investors with additional detail on the Distributable Earnings generated by our invested equity capital. We believe Distributable Earnings Return on Average Equity as described above helps evaluate our financial performance without the impact of certain transactions but is of limited usefulness as an analytical tool. Therefore, Distributable Earnings Return on Average Equity should not be viewed in isolation and is not a substitute for net income computed in accordance with GAAP. Our methodology for calculating Distributable Earnings Return on Average Equity may differ from the methodologies employed by other REITs to calculate the same or similar supplemental performance measures, and as a result, our Distributable Earnings Return on Average Equity may not be comparable to similar measures presented by other REITs. Set forth below is our computation of Distributable Earnings Return on Average Equity for the three and nine months ended SeptemberÂ 30, 2024 and 2023:Three Months EndedNine Months EndedSeptember 30, 2024September 30, 2023September 30, 2024September 30, 2023($ in thousands)Annualized Distributable Earnings$(13,460)$(34,315)$(3,793)$(28,747)Average total stockholdersâ€™ equity$260,452$232,575260,083$236,629Distributable Earnings Return on Average Equity(5.2)%(14.8)%(1.5)%(12.1)%29Book Value per Share of Common StockThe following table sets forth the calculation of our book value per share of common stock as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:September 30, 2024December 31, 2023(in thousands except for share and per share data)Total stockholdersâ€™ equity$265,098Â $256,106Â Number of shares of common stock outstanding at period end23,511,272Â 24,965,274Â Book value per share of common stock$11.28Â $10.26Â Economic Book Value per Share of Common Stockâ€œEconomic book valueâ€ is a non-GAAP financial measure of our financial position. To calculate our economic book value, the portions of our non-recourse financing obligation held at amortized cost are adjusted to fair value. These adjustments are also reflected in the table below in our end of period total stockholdersâ€™ equity. Management considers economic book value to provide investors with a useful supplemental measure to evaluate our financial position as it reflects the impact of fair value changes for our legally held retained bonds, irrespective of the accounting model applied for GAAP reporting purposes. Economic book value does not represent and should not be considered as a substitute for book value per share of common stock or stockholdersâ€™ equity, as determined in accordance with GAAP, and our calculation of this measure may not be comparable to similarly titled measures reported by other companies.The following table sets forth a reconciliation from GAAP total stockholdersâ€™ equity and book value per share of common stock to economic book value and economic book value per share of common stock as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:September 30, 2024December 31, 2023(in thousands except for share and per share data)GAAP total stockholdersâ€™ equity$265,098Â $256,106Â Adjustments:Fair value adjustment for securitized debt held at amortized cost64,522Â 81,942Â Stockholdersâ€™ equity including economic book value adjustments$329,620Â $338,048Â Number of shares of common stock outstanding at period end23,511,272Â 24,965,274Â Book value per share of common stock$11.28Â $10.26Â Economic book value per share of common stock$14.02Â $13.54Â 30Results of OperationsThree Months Ended SeptemberÂ 30, 2024 and 2023The following table sets forth a summary of our results of operations for the three months ended SeptemberÂ 30, 2024 and 2023:Three Months EndedSeptember 30, 2024September 30, 2023(in thousands)INTEREST INCOME, NETInterest income$27,444Â $23,900Â Interest expense18,424Â 16,490Â NET INTEREST INCOME$9,020Â $7,410Â REALIZED AND UNREALIZED GAINS (LOSSES), NETNet realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS$(6,335)$(12,044)Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts35,172Â 17,299Â TOTAL REALIZED AND UNREALIZED GAINS (LOSSES), NET$28,837Â $5,255Â EXPENSESOperating expenses$1,287Â $1,370Â Operating expenses incurred with affiliate472Â 599Â Due diligence and transaction costs254Â 115Â Stock compensation604Â 447Â Securitization costsâ€”Â 416Â Management fee incurred with affiliate1,204Â 1,445Â Total operating expenses$3,821Â $4,392Â INCOME (LOSS) BEFORE INCOME TAXES$34,036Â $8,273Â Income tax expense2,832Â â€”Â NET INCOME (LOSS) ALLOCABLE TO COMMON STOCKHOLDERS$31,204Â $8,273Â Other comprehensive income (loss)2,706Â (1,607)TOTAL COMPREHENSIVE INCOME (LOSS)$33,910Â $6,666Â 31Net Interest IncomeThe following table sets forth the components of net interest income for the three months ended SeptemberÂ 30, 2024 and 2023:Three Months EndedSeptember 30, 2024September 30, 2023(in thousands)Interest incomeInterest income / expenseAverage balanceInterest income / expenseAverage balanceResidential mortgage loans$4,659Â $263,095Â $4,272Â $289,916Â Residential mortgage loans in securitization trusts18,580Â 1,454,736Â 15,208Â 1,228,074Â Commercial mortgage loans81Â 5,246Â 58Â 6,329Â RMBS and Majority-Owned Affiliate3,251Â 117,965Â 3,067Â 171,128Â CMBS417Â 6,239Â 147Â 6,453Â U.S. Treasury securities65Â 6,000Â 541Â 46,607Â Other interest income391Â 40,919Â 607Â 42,669Â Total interest income27,444Â 23,900Â Interest expenseNotes payable2,830Â 176,159Â 4,117Â 205,915Â Non-recourse securitization obligation, collateralized by residential mortgage loans13,731Â 1,362,039Â 10,956Â 1,191,406Â Repurchase facilities900Â 57,842Â 1,417Â 87,279Â Senior unsecured notes963Â 40,538Â â€”Â â€”Â Total interest expense18,424Â 16,490Â Net interest income$9,020Â $7,410Â Net interest income for the three months ended SeptemberÂ 30, 2024 and 2023 was $9.0 million and $7.4 million, respectively. Net interest income increased in the three months ended SeptemberÂ 30, 2024 as compared to the same period in 2023, primarily due to higher net interest income from our residential mortgage loans portfolio (residential mortgage loan interest income less notes payable interest expense) during the three months ended SeptemberÂ 30, 2024 . We observed net interest income associated with our residential

mortgage loan portfolio of $1.8 million in the three months ended SeptemberÂ 30, 2024 compared to $0.1 million in the comparable period of 2023. This was primarily driven by an increase in the weighted average coupon rate of our residential mortgage loans portfolio versus the comparative period, as well as holding more unlevered loans, resulting in a proportionally lower notes payable balance.32Total Realized and Unrealized Gains (Losses)The components of total realized and unrealized gains (losses), net for the three months ended SeptemberÂ 30, 2024 and 2023 are set forth as follows:Three Months EndedSeptember 30, 2024September 30, 2023(in thousands)Realized and unrealized gain (loss) on securitization, net of unrealized gain (loss) on non-recourse securitization obligation$25,228Â $4,352Â Realized gain (loss) on RMBS(565)(598)Unrealized gain (loss) on Whole Pool Agency RMBS(2,138)(12,367)Realized gain (loss) on CMBS(67)(101)Realized gain (loss) on interest rate futures(4,461)2,828Â Realized and unrealized gain (loss) on TBAs1,880Â 12,349Â Realized and unrealized gain (loss) on residential mortgage loans7,789Â (856)Realized and unrealized gain (loss) on commercial mortgage loansâ€”Â (35)Realized and unrealized loss on U.S. Treasury securities(13)47Â Unrealized appreciation (depreciation) on interest rate futures1,184Â (364)Total realized and unrealized gains (losses), net$28,837Â $5,255Â For the three months ended SeptemberÂ 30, 2024 and 2023, total realized and unrealized gains (losses), net resulted in gains of $28.8 million and $5.3 million, respectively. During the three months ended SeptemberÂ 30, 2024, gains on securitization, net of unrealized gain (loss) on non-recourse securitization obligation drove the majority of the overall gain to our portfolio as valuations increased during the quarter. Similarly, during the three months ended SeptemberÂ 30, 2023 gains on securitization, net of unrealized gain (loss) on non-recourse securitization obligation drove the majority of the overall gain to our portfolio as well.ExpensesOperating ExpensesFor the three months ended SeptemberÂ 30, 2024 and 2023, our operating expenses were $1.3 million and $1.4 million, respectively. Our operating expenses decreased slightly compared to the comparative period due to continued cost savings actions such as in-sourcing of key accounting functions, vendor contract negotiations, and a decrease in servicing fees associated with servicing our whole loan portfolio.Operating Expenses Incurred with AffiliateFor the three months ended SeptemberÂ 30, 2024 and 2023, our operating expenses incurred with affiliate were $0.5 million and $0.6 million, respectively. These expenses, which are substantially comprised of payroll reimbursements to our Manager, decreased slightly in the third quarter of 2024 compared to the same period of 2023 as a result of additional cost savings actions.Due Diligence and Transaction CostsFor the three months ended SeptemberÂ 30, 2024 and 2023, our due diligence and transaction costs were $254Â thousand and $115Â thousand, respectively. Our due diligence and transaction expenses increased over the comparative period due to increased purchases of whole loans during the three months ended SeptemberÂ 30, 2024 as compared to the three months ended SeptemberÂ 30, 2023.Stock CompensationFor the three months ended SeptemberÂ 30, 2024 and 2023, our stock compensation expense was $0.6 million and $0.4 million, respectively. Our stock compensation expense increased for the three months ended SeptemberÂ 30, 2024 due to an increase in the estimated impact for outstanding performance-based restricted stock unit awards.Securitization CostsFor the three months ended SeptemberÂ 30, 2024 and 2023, we incurred $0.0 million and $0.4 million of securitization costs, respectively. There was no securitization activity in the third quarter of 2024, and the securitization costs in the comparative period in 2023 were driven by our participation in the AOMT 2023-5 securitization.33Management Fee Incurred with AffiliateFor the three months ended SeptemberÂ 30, 2024 and 2023, our management fee incurred with affiliate was $1.2 million and $1.4 million, respectively. The decrease is due to the decrease in our average Equity as defined in the Management Agreement for the three months ended SeptemberÂ 30, 2024 as compared to the same period in 2023. A key driver of the decrease in the three months ended SeptemberÂ 30, 2024 versus the comparative period of 2023 is the repurchase of 1,707,922 million shares of our common stock owned by Xylem Finance, LLC, an affiliate of Davidson Kempner Capital Management, LP, for an aggregate repurchase price of approximately $20 million. The calculation of Equity for the purposes of the Management Agreement includes the addition of Distributable Earnings, which is the primary departure from the calculation of equity in accordance with GAAP.Nine Months Ended SeptemberÂ 30, 2024 and 2023The following table sets forth a summary of our results of operations for the nine months ended SeptemberÂ 30, 2024 and 2023:Nine Months EndedSeptember 30, 2024September 30, 2023(in thousands)INTEREST INCOME, NETInterest income$78,558Â $71,403Â Interest expense51,495Â 50,742Â NET INTEREST INCOME$27,063Â $20,661Â REALIZED AND UNREALIZED GAINS (LOSSES), NETNet realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS$(14,527)$(27,056)Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts48,514Â 27,868Â TOTAL REALIZED AND UNREALIZED GAINS (LOSSES), NET$33,987Â $812Â EXPENSESOperating expenses$4,619Â $5,788Â Operating expenses incurred with affiliate1,444Â 1,672Â Due diligence and transaction costs663Â 136Â Stock compensation1,864Â 1,195Â Securitization costs1,583Â 2,326Â Management fee incurred with affiliate3,810Â 4,460Â Total operating expenses$13,983Â $15,577Â INCOME (LOSS) BEFORE INCOME TAXES$47,067Â $5,896Â Â Â Â Â Â Income tax expense (benefit)3,261Â 781Â NET INCOME (LOSS) ALLOCABLE TO COMMON STOCKHOLDERS$43,806Â $5,115Â Other comprehensive income (loss)4,534Â 12,955Â TOTAL COMPREHENSIVE INCOME (LOSS)$48,340Â $18,070Â 34Net Interest IncomeThe following table sets forth the components of net interest income for the nine months ended SeptemberÂ 30, 2024 and 2023:Nine Months EndedSeptember 30, 2024September 30, 2023(in thousands)Interest incomeInterest income / expenseAverage balanceInterest income / expenseAverage balanceResidential mortgage loans$13,925Â $284,211Â $18,457Â $467,538Â Residential mortgage loans in securitization trusts51,851Â 1,357,840Â 39,753Â 1,106,621Â Commercial mortgage loans258Â 5,231Â 458Â 8,215Â RMBS and Majority Owned Affiliate9,613Â 148,677Â 9,225Â 164,244Â CMBS1,097Â 6,428Â 790Â 6,394Â U.S. Treasury securities548Â 14,528Â 1,201Â 32,981Â Other interest income1,266Â 39,239Â 1,519Â 37,482Â Total interest income78,558Â 71,403Â Interest expenseNotes payable9,928Â 199,644Â 21,222Â 366,032Â Non-recourse securitization obligation, collateralized by residential mortgage loans37,624Â 1,285,118Â 26,121Â 1,080,156Â Repurchase facilities2,980Â 64,431Â 3,399Â 89,726Â Senior unsecured notes963Â 35,681Â â€”Â â€”Â Total interest expense51,495Â 50,742Â Net interest income$27,063Â $20,661Â Net interest income for the nine months ended SeptemberÂ 30, 2024 and 2023 was $27.1 million and $20.7 million, respectively. Net interest income increased in the nine months ended SeptemberÂ 30, 2024 as compared to the same period in 2023, primarily due to higher net interest income from our residential mortgage loans portfolio (residential mortgage loan interest income less notes payable interest expense) during the nine months ended SeptemberÂ 30, 2024. We observed net interest income associated with our residential mortgage loan portfolio of $4 million in the nine months ended SeptemberÂ 30, 2024 compared to a loss of $(2.8) million in the comparable period of 2023. This was primarily driven by an increase in the weighted average coupon rate of our residential mortgage loans portfolio versus the comparative period, as well as holding more unlevered loans, resulting in a proportionally lower notes payable balance.35Total Realized and Unrealized Gains (Losses)The components of total realized and unrealized gains (losses), net for the nine months ended SeptemberÂ 30, 2024 and 2023 are set forth as follows:Nine Months EndedSeptember 30, 2024September 30, 2023(in thousands)Realized and unrealized gain (loss) on securitization, net of unrealized gain (loss) on non-recourse securitization obligation$25,607Â $(7,948)Realized loss on RMBS(2,469)(1,545)Realized and unrealized gain (loss) on Whole Pool Agency RMBS(6,355)(12,627)Realized gain (loss) on CMBS(186)(241)Realized gain (loss) on interest rate futures(622)8,599Â Realized and unrealized gain (loss) on TBAs5,992Â (479)Realized and unrealized (loss) gain on residential mortgage loans9,839Â 17,268Â Realized and unrealized (loss) gain on commercial mortgage loans48Â 113Â Realized and unrealized loss on U.S. Treasury securities(99)88Â Unrealized appreciation on interest rate futures2,232Â (2,416)Total realized and unrealized gains (losses), net$33,987Â $812Â For the nine months ended SeptemberÂ 30, 2024 and 2023, total realized and unrealized gains (losses), net resulted in a net gain of $34 million and a loss of $0.8 million, respectively. During the nine months ended SeptemberÂ 30, 2024, gains on residential mortgage loans in securitization trust, net of unrealized gain (loss) on non-recourse securitization obligation, residential mortgage loans, TBAs, and interest rate futures were offset by losses on RMBS and whole pool agency RMBS. In the nine months ended SeptemberÂ 30, 2023, market volatility caused the valuation of our residential mortgage loans in securitization trust and whole pool agency RMBS to decrease, which was offset by gains in our residential mortgage loans portfolio and interest rate futures.ExpensesOperating ExpensesFor the nine months ended SeptemberÂ 30, 2024 and 2023, our operating expenses were $4.6Â million and $5.8 million, respectively. Our operating expenses decreased during the comparative period due to continued cost savings actions such as in-sourcing of key accounting functions, vendor contract negotiations, and a decrease in servicing fees associated with servicing our whole loan portfolio.Operating Expenses Incurred with AffiliateFor the nine months ended SeptemberÂ 30, 2024 and 2023, our operating expenses incurred with affiliate were $1.44Â million and $1.7 million, respectively. These expenses, which are substantially comprised of payroll reimbursements to our Manager, decreased versus the comparative period as a result of additional cost savings actions.Due Diligence and Transaction CostsFor the nine months ended SeptemberÂ 30, 2024 and 2023, our due diligence and transaction costs were $663Â thousand and $136 thousand, respectively. Our due diligence and transaction expenses increased versus the comparative period as we purchased more whole loans during the nine months ended SeptemberÂ 30, 2024 than the nine months ended SeptemberÂ 30, 2023.Stock CompensationFor the nine months ended SeptemberÂ 30, 2024 and 2023 our stock compensation expense was $1.9 million and $1.2 million, respectively. Stock compensation expense increased for the nine months ended SeptemberÂ 30, 2024 due to an increase in the estimated impact for outstanding performance-based restricted stock unit awards.36Securitization CostsSecuritization costs of $1.6 million were incurred for the nine months ended SeptemberÂ 30, 2024 in connection with the AOMT 2024-3, AOMT 2024-4, and AOMT 2024-6 securitization transactions. There were $2.3 million of securitization costs incurred for the comparable period in 2023, representing costs incurred in connection with the AOMT 2023-1, AOMT 2023-4, and AOMT 2023-5 securitizations.Management Fee Incurred with AffiliateFor the nine months ended SeptemberÂ 30, 2024 and 2023, our management fee incurred with affiliate was $3.8Â million and $4.5 million, respectively. The decrease is due to the decrease in our average Equity as defined in the Management Agreement for the nine months ended SeptemberÂ 30, 2024 as compared to the same period in 2023. A key driver of the decrease in the nine months ended SeptemberÂ 30, 2024 versus the comparative period of 2023 is the repurchase of 1,707,922 million shares of our common stock owned by Xylem Finance, LLC, an affiliate of Davidson Kempner Capital Management, LP, for an aggregate repurchase price of approximately $20 million. The calculation of Equity for the purposes of the Management Agreement includes the addition of Distributable Earnings, which is the primary departure from the calculation of equity in accordance with GAAP.37Our PortfolioAs of SeptemberÂ 30, 2024, our portfolio consisted of approximately $2.2 billion of residential mortgage loans, RMBS, and other target assets. Certain of these portfolio assets are located in states such as Florida and California where natural disasters such as hurricanes and earthquakes may occasionally occur. We require all of our collateral to be adequately insured. The graphs in the subsequent detail of residential mortgage loans, residential mortgage loans held in securitization trusts, and residential mortgage loans underlying RMBS issuances show the percentage of residential mortgage loans held in each state where there is a concentration of loans.The following table sets forth additional information regarding our portfolio, including the manner in which our equity capital was allocated among investment types, as of SeptemberÂ 30, 2024:Fair ValueCollateralized DebtAllocated Capital% of Total CapitalPortfolio:($ in thousands)Residential mortgage loans$428,909Â $333,042Â $95,867Â 36.2Â %Residential mortgage loans in securitization trust1,452,907Â 1,353,758Â $99,149Â 37.4Â %Total whole loan portfolio$1,881,816Â $1,686,800Â $195,016Â 73.6Â %Investment securitiesRMBS$283,105Â $53,164Â $229,941Â 86.7Â %U.S. Treasury securities49,971Â 49,712Â 259Â 0.1Â %Total investment securities$333,076Â $102,876Â $230,200Â 86.8Â %Investment in Majority-Owned Affiliate$18,720Â $â€”Â $18,720Â 7.1Â %Total investment portfolio$2,233,612Â $1,789,676Â $443,936Â 167.5Â %Target assets (1)$2,183,641Â $1,739,964Â $443,677Â 167.4Â %Cash$42,052Â $â€”Â $42,052Â 15.8Â %Other assets and liabilities (2)(220,889)â€”Â (220,889) (83.3)%Total$2,054,775Â $1,789,676Â $265,099Â 100.0Â %(1) Â Â Â Â Â â€œTarget assetsâ€ as defined by us excludes U.S. Treasury securities, and includes our investment in a Majority-Owned Affiliates.(2) Â Â Â Â Other assets and liabilities presented is calculated as a net liability substantially comprised of $194.7 million due to broker for our Â Â Â Â quarter-end purchase of certain Freddie Mac and Fannie Mae-issued whole pool agency residential mortgage-backed securities (â€œWhole Pool Agency RMBSâ€), and excluding the portion of â€œother assetsâ€ which includes our investment in a Majority-Owned Affiliate, which is considered a target asset.38As of DecemberÂ 31, 2023, our portfolio consisted of approximately $2.1 billion of residential mortgage loans, RMBS, and other target assets. The following table sets forth additional information regarding our portfolio including the manner in which our equity capital was allocated among investment types, as of DecemberÂ 31, 2023:Fair ValueCollateralized DebtAllocated Capital% of Total CapitalPortfolio:($ in thousands)Residential mortgage loans$380,040Â $290,610Â $89,430Â 34.9Â %Residential mortgage loans in securitization trust1,221,067Â 1,169,154Â 51,913Â 20.3Â %Total whole loan portfolio$1,601,107Â $1,459,764Â $141,343Â 55.2Â %Investment securitiesRMBS$472,058Â 44,643Â $427,415Â 166.9Â %Investment in Majority-Owned Affiliates 16,232Â â€”Â 16,232Â 6.3Â %U.S. Treasury Securities149,927Â 149,013Â 914Â 0.4Â %Total investment securities$638,217Â $193,656Â $444,561Â 173.6Â %Total investment portfolio$2,239,324Â $1,653,420Â $585,904Â 228.8Â %Target assets (1)$2,089,397Â $1,504,407Â $585,904Â 228.8Â %Cash$41,625Â $â€”Â $41,625Â 16.2Â %Other assets and liabilities (2)(371,423)â€”Â (371,423)(145.0)%Total$1,909,526Â $1,653,420Â $256,106Â 100.0Â %(1) Â Â Â Â â€œTarget assetsâ€ as defined by us excludes U.S. Treasury securities, and includes our investment in a Majority-Owned Affiliates.(2) Â Â Â Â Other assets and liabilities presented is calculated as a net liability substantially comprised of $392.0 million due to broker for our Â Â Â Â quarter-end purchase of certain Freddie Mac and Fannie Mae-issued Whole Pool Agency RMBS, and excluding the portion of â€œother assetsâ€ which includes our investment in a Majority-Owned Affiliates, which is considered a target asset. Additionally, other assets includes $5.2Â million of commercial loans and $6.6Â million of CMBS.Residential Mortgage LoansThe following table sets forth additional information on the residential mortgage loans in our portfolio as of SeptemberÂ 30, 2024:Portfolio RangePortfolio Weighted Average($ in thousands)Unpaid principal balance (â€œUPBâ€)$75 - $3,403$481Interest rate3.63% - 11.88%7.73%Maturity date6/27/2044 - 8/15/2064July 2054FICO score at loan origination628 - 823754LTV at loan origination7.1% - 90.0%70.6%DTI at loan origination1.94% - 52.0%31.6%Percentage of first lien loansN/A98.9%Percentage of loans 90+ days delinquent (based on UPB)N/A0.7%39 The following table sets forth additional information on the residential mortgage loans in our portfolio as of DecemberÂ 31, 2023:Portfolio RangePortfolio Weighted Average($ in thousands)Unpaid principal balance (â€œUPBâ€)$18 - $3,410$492Interest rate2.99% - 12.50%6.8%Maturity date9/27/2048 - 11/27/2063 December 2053FICO score at loan origination624 - 825748LTV at loan origination9.00% - 90.00%69.4%DTI at loan origination1.90% - 59.10%30.9%Percentage of first lien loansN/A100%Percentage of loans 90+ days delinquent (based on UPB)N/A0.9%The following charts illustrate the distribution of the credit scores and coupon rates by the number of loans in our residential mortgage loan portfolio as of SeptemberÂ 30, 2024:40The following charts illustrate the distribution of the credit scores and coupon rates by the number of loans in our residential mortgage loan portfolio as of DecemberÂ 31, 2023: 41The following charts illustrate additional characteristics of our residential mortgage loans in our portfolio that we owned directly as of SeptemberÂ 30, 2024, based on the product profile, borrower profile, and geographic location (percentages are based on the aggregate unpaid principal balance of such loans):Characteristics of Our Residential Mortgage Loans as of SeptemberÂ 30, 2024:Note: No state in â€œOtherâ€ represents more than a 3% concentration of the residential mortgage loans in our portfolio that we owned directly as of SeptemberÂ 30, 2024. Numbers presented may add to more than 100% due to rounding.42The following charts illustrate additional characteristics of the residential mortgage loans in our portfolio that we owned directly as of DecemberÂ 31, 2023, based on the product profile, borrower profile, and geographic location (percentages are based on the aggregate unpaid principal balance of such loans):Characteristics of Our Residential Mortgage Loans as of DecemberÂ 31, 2023:Note: No state in â€œOtherâ€ represents more than a 3% concentration of the residential mortgage loans in our portfolio that we owned directly as of DecemberÂ 31, 2023. Numbers presented may add to more than 100% due to rounding.43Residential Mortgage Loans Held in Securitization TrustsThe following table sets forth the information regarding the underlying collateral of our residential mortgage loans held in securitization trusts as of SeptemberÂ 30, 2024:($ in thousands)UPB$1,512,722Fair Value$1,452,907Number of loans3,594Weighted average loan coupon5.12%Average loan amount$422Weighted average LTV at loan origination and deal date67.0%Weighted average credit score at loan origination and deal date741Current 3-month constant prepayment rate (â€œCPRâ€) (1)7.8%Percentage of loans 90+ days delinquent (based on UPB)1.9%(1) Â Â Â Â Â CPR is a method of expressing the prepayment rate for a mortgage pool that assumes that a constant fraction of the remaining principal is prepaid each month or year.The following chart illustrates the geographic distribution of the underlying collateral of our residential mortgage loans held in securitization trusts as of SeptemberÂ 30, 2024 (percentages are based on the aggregate unpaid principal balance of such loans):Note: No state in â€œOtherâ€ represents more than a 3% concentration of the underlying collateral of our residential mortgage loans held in securitization trusts as of SeptemberÂ 30, 2024. Numbers presented may add to more than 100% due to rounding.44The following table sets forth the information regarding the underlying collateral of our residential mortgage loans held in securitization trusts as of DecemberÂ 31, 2023:($ in thousands)UPB$1,334,963Fair Value$1,221,067Number of loans3,112Weighted average loan coupon4.7%Average loan amount$429Weighted average LTV at loan origination and deal date68.0%Weighted average credit score at loan origination and deal date742Current 3-month CPR5.6%Percentage of loans 90+ days delinquent (based on UPB)1.0%The following chart illustrates the geographic distribution of the underlying collateral of our residential mortgage loans

held in securitization trusts as of DecemberÂ 31, 2023 (percentages are based on the aggregate unpaid principal balance of such loans):Note: No state in â€œOtherâ€ represents more than a 3% concentration of the underlying collateral of our residential mortgage loans held in securitization trusts as of DecemberÂ 31, 2023. Numbers presented may add to more than 100% due to rounding.45RMBSWe have participated in numerous securitization transactions pursuant to which we contributed to a securitization trust under the purview of AOMT I, LLC, nonâ€‘QM loans that we had accumulated and held on our balance sheet. These loans were purchased from affiliated and unaffiliated entities. In return, we received bonds from these securitization trusts, and cash. At times, we were allocated certain risk retention securities as part of these transactions. Risk retention securities represent at least 5% of a horizontal or vertical slice of the bonds issued as part of the transaction. Certain information regarding the mortgage loans underlying our portfolio of RMBS issued in such securitization transactions is set forth below as of SeptemberÂ 30, 2024:AOMT 2019 SecuritizationsAOMT 2020 SecuritizationsAOMT 2023 SecuritizationsAOMT 2024 Securitizations($ in thousands)UPB of loans$295,926$154,043$1,119,064$882,348Number of loans1,081Â 477Â 2,165Â 2,032Â Weighted average loan coupon7.21Â %5.81Â %5.25Â %5.28Â %Average loan amount$274$323$517$434Weighted average LTV at loan origination and deal date69.0Â %74.1Â %68.7Â %68.4Â %Weighted average credit score at loan origination and deal date707719731731Current 3-month CPR (1)13.4Â %8.7Â %7.0Â %8.3Â %90+ day delinquency (as a % of UPB)8.1Â %2.9Â %1.4Â %1.2Â %Weighted Average 90+ Delinquency (as a % of Original Balance)1.2Â %1.0Â %1.3Â %1.1Â %Weighted Average LTV of 90+ Delinquent Loans (FHFA HPI Estimate) (2)49.5Â %â€”Â %68.8Â %68.0Â %Fair value of first loss piece (3,4)19,38323,67611,5003,109Investment thickness (5)21.45Â 20.14Â 7.60Â 10.05Â (1) Â Â Â Â CPR is a method of expressing the prepayment rate for a mortgage pool that assumes that a constant fraction of the remaining principal is prepaid each month or year.(2) Â Â Â Â AOMT 2020-3 does not have LTV or Federal Housing Finance Agency Home Price Index Estimates (â€œFHFA HPI Estimatesâ€); accordingly, original LTV is used.(3) Â Â Â Â Represents the fair value of the securities we hold in the first loss tranche in each securitization.(4) Â Â Â Â The fair value of the first loss pieces presented for AOMT 2023-1, AOMT 2023-5, AOMT 2023-7, AOMT 2024-3, and AOMT 2024-6 is the total at risk for the Majority-Owned Affiliates.(5) Â Â Â Â Represents the average size of the subordinate securities we own as investments in each securitization relative to the average overall size of the securitization.46Certain information regarding the mortgage loans underlying our portfolio of RMBS issued in AOMT securitization transactions is set forth below as of DecemberÂ 31, 2023, unless otherwise stated:AOMT 2019 SecuritizationsAOMT 2020 SecuritizationsAOMT 2023 Securitizations($ in thousands)UPB of loans$331,376$167,028$1,192,450Number of loans11975122288Weighted average loan coupon6.90Â %5.80Â %5.30Â %Average loan amount$277$326$521Weighted average LTV at loan origination and deal date70Â %74Â %70Â %Weighted average credit score at loan origination and deal date707720733Current 3-month CPR (1, 6)14.3Â %5.4Â %4.3Â %90+ day delinquency (as a % of UPB)9.0Â %3.0Â %1.6Â %Weighted Average 90+ Delinquency (as a % of Original Balance)1.5Â %1.1Â %1.3Â %Weighted Average LTV of 90+ Delinquent Loans (FHFA HPI Estimate) (2)50.8Â %74.1Â %72.8Â %Fair value of first loss piece (3,5)$18,057$21,389$13,003Investment thickness (4)19.15Â %18.57Â %3.78Â %(1) CPR is a method of expressing the prepayment rate for a mortgage pool that assumes that a constant fraction of the remaining principal is prepaid each month or year.(2) AOMT 2020-3 does not have LTV or Federal Housing Finance Agency Home Price Index Estimates (â€œFHFA HPI Estimatesâ€); accordingly, original LTV is used.(3) Represents the fair value of the securities we hold in the first loss tranche in each securitization.(4) Represents the average size of the subordinate securities we own as investments in each securitization relative to the average overall size of the securitization.(5) The fair value of the first loss pieces presented for AOMT 2023-1, AOMT 2023-5, and AOMT 2023-7 is the total at risk for the Majority-Owned Affiliates.(6) AOMT 2023-5 reflects one-month CPR.47The following table provides certain information with respect to our RMBS portfolio both received in AOMT securitization transactions and acquired from other third parties as of SeptemberÂ 30, 2024:RMBSRepurchase Debt (1)Allocated CapitalAOMTThird Party RMBSTotalAOMTThird Party RMBSTotalAOMTThird Party RMBSTotal(in thousands)Mezzanine$13,463Â $â€”Â $13,463Â $5,292Â $â€”Â $5,292Â $8,171Â $â€”Â $8,171Â Subordinate62,223Â â€”Â $62,223Â 20,175Â â€”Â $20,175Â $42,048Â $â€”Â $42,048Â Interest only / excess13,055Â â€”Â $13,055Â â€”Â â€”Â $â€”Â $13,055Â $â€”Â $13,055Â Whole pool (2)â€”Â 194,364Â $194,364Â â€”Â â€”Â $â€”Â $â€”Â $194,364Â $194,364Â Retained RMBS in VIEs (3)â€”Â â€”Â $â€”Â $27,697Â â€”Â $27,697Â $(27,697)$â€”Â $(27,697)Subtotal$88,741Â $194,364Â $283,105Â $53,164Â $â€”Â $53,164Â $35,577Â $194,364Â $229,941Â Investment in Majority Owned Affiliates$18,720Â $â€”Â $18,720Â $â€”Â $â€”Â $â€”Â $18,720Â $â€”Â $18,720Â Total$107,461Â $194,364Â $301,825Â $53,164Â $â€”Â $53,164Â $54,297Â $194,364Â $248,661Â (1) Â Â Â Â Repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs).(2)Â Â Â Â The whole pool RMBS presented as of SeptemberÂ 30, 2024 were purchased from a broker to whom the Company owes approximately $194.7 million, payable upon the settlement date of the trade. See Note 6 â€” Due to Broker in our unaudited condensed consolidated financial statements included in this report.(3) Â Â Â Â A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $143.5Â million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its condensed consolidated balance sheets.48The following table provides certain information with respect to our RMBS portfolio both received in AOMT securitization transactions and acquired from other third parties as of DecemberÂ 31, 2023:RMBSRepurchase Debt (1,3)Allocated CapitalAOMTThird Party RMBSTotalAOMTThird Party RMBSTotalAOMTThird Party RMBSTotal(in thousands)Mezzanine$10,972Â $â€”Â $10,972Â $844Â $â€”Â $844Â $10,128Â $â€”Â $10,128Â Subordinate55,665Â â€”Â $ 55,665Â 19,812Â â€”Â 19,812Â 35,853Â â€”Â $35,853Â Interest only / excess13,059Â â€”Â $ 13,059Â 1,871Â â€”Â 1,871Â 11,188Â â€”Â $11,188Â Whole pool (2)â€”Â 392,362Â 392,362Â â€”Â â€”Â $â€”Â $392,362Â $392,362Â Retained RMBS in VIEs (3)â€”Â â€”Â â€”Â 22,116Â â€”Â 22,116Â (22,116)â€”Â (22,116)Subtotal$79,696Â $392,362Â $472,058Â $44,643Â $â€”Â $44,643Â $35,053Â $392,362Â $427,415Â Investment in Majority Owned Affiliates$16,232Â $â€”Â 16,232Â $â€”Â â€”Â â€”Â $16,232Â $â€”Â 16,232Â Total$95,928Â $392,362Â $488,290Â $44,643Â $â€”Â $44,643Â $51,285Â $392,362Â $443,647Â (1)Â Â Â Â Repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs).(2) Â Â Â Â The whole pool RMBS presented as of DecemberÂ 31, 2023 were purchased from a broker to whom the Company owes approximately $392.0 million, payable upon the settlement date of the trade. See Note 6 â€” Due to Broker in our unaudited condensed consolidated financial statements included in this report.(3) Â Â Â Â A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $124.1 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its condensed consolidated balance sheets.49The following table sets forth information with respect to our RMBS ending balances, at fair value, for the period ended SeptemberÂ 30, 2024:SeniorMezzanineSubordinateInterest OnlyWhole PoolTotal(in thousands)Beginning fair value as of June 30, 2024$â€”Â $13,100Â $60,107Â $13,027Â $180,518Â $266,752Â Acquisitions:Retained bonds received in securitizationsâ€”Â â€”Â â€”Â â€”Â â€”Â $â€”Â Third party securitiesâ€”Â â€”Â â€”Â â€”Â 194,697Â $194,697Â Effect of principal payments / salesâ€”Â (280)â€”Â (178,702)$(178,982)IO and excess servicing prepaymentsâ€”Â â€”Â â€”Â (565)â€”Â $(565)Changes in fair value, netâ€”Â 644Â 2,115Â 593Â (2,149)$1,203Â Ending fair value as of September 30, 2024$â€”Â $13,464Â $62,222Â $13,055Â $194,364Â $283,105Â The following table sets forth information with respect to our RMBS ending balances, at fair value, for the year ended DecemberÂ 31, 2023:SeniorMezzanineSubordinateInterest OnlyWhole PoolTotal(in thousands)Beginning fair value as of December 31, 2022$â€”Â $1,958Â $49,578Â $10,424Â $993,378Â $1,055,338Â Acquisitions:Retained bonds received in securitizationsâ€”Â 9,831Â 4,880Â 3,530Â â€”Â 18,241Â Third party securitiesâ€”Â â€”Â â€”Â â€”Â 1,741,864Â 1,741,864Â Effect of principal payments / salesâ€”Â (869)â€”Â â€”Â (2,339,028)(2,339,897)IO and excess servicing prepaymentsâ€”Â â€”Â â€”Â (1,396)â€”Â $(1,396)Changes in fair value, netâ€”Â 52Â 1,207Â 501Â (3,852)(2,092)Ending fair value as of December 31, 2023$â€”Â $10,972Â $55,665Â $13,059Â $392,362Â $472,058Â 50The following chart illustrates the geographic diversification of the loans underlying our portfolio of RMBS issued in AOMT securitization transactions as of SeptemberÂ 30, 2024 (percentages are based on the aggregate unpaid principal balance of such loans):Geographic Diversification of Loans Underlying Our Portfolioof RMBS Issued in AOMT Securitization Transactions(as of SeptemberÂ 30, 2024)Note: No state in â€œOtherâ€ represents more than a 4% concentration of the loans underlying our portfolio of RMBS issued in AOMT securitization transactions as of SeptemberÂ 30, 2024. Numbers presented may add to more than 100% due to rounding.The following chart illustrates the geographic diversification of the loans underlying our portfolio of RMBS issued in AOMT securitization transactions as of DecemberÂ 31, 2023 (percentages are based on the aggregate unpaid principal balance of such loans):Geographic Diversification of Loans Underlying Our Portfolioof RMBS Issued in AOMT Securitization Transactions(as of DecemberÂ 31, 2023)Note: No state in â€œOtherâ€ represents more than a 4% concentration of the loans underlying our portfolio of RMBS issued in AOMT securitization transactions as of DecemberÂ 31, 2023. Numbers presented may add to more than 100% due to rounding.51CMBSCertain information regarding the commercial mortgage loans underlying our portfolio of CMBS issued in the AOMT 2020-SBC1 securitization transaction is shown below as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:September 30, 2024December 31, 2023($ in thousands)UPB of loans$104,138$112,302Number of loans134145Weighted average loan coupon7.9Â %7.5Â %Average loan amount$777$774Weighted average LTV at loan origination and deal date56.2Â %56.2Â %The following table provides certain information with respect to the CMBS we received in connection with the AOMT 2020-SBC1 securitization transactions as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:September 30, 2024December 31, 2023CMBSRepurchase DebtAllocated CapitalCMBSRepurchase DebtAllocated Capital(in thousands)Subordinate2,674Â â€”Â 2,674Â 2,706Â â€”Â 2,706Â Interest only / excess3,262Â â€”Â 3,262Â 3,886Â â€”Â 3,886Â Total$5,936Â $â€”Â $5,936Â $6,592Â $â€”Â $6,592Â Liquidity and Capital ResourcesOverviewLiquidity is a measurement of our ability to meet potential cash requirements, including ongoing commitments to repay borrowings, fund our investments and operating costs, make distributions to our stockholders, and satisfy other general business needs. Our financing sources currently include payments of principal and interest we receive on our investment portfolio, unused borrowing capacity under our inâ€‘place loan financing lines and repurchase facilities, securitizations of our whole loans, and our ATM Program (as defined below). Additionally, on July 25, 2024, we closed an underwritten public offering and sale of, and issued, $50 million in aggregate principal amount of our 9.500% Senior Notes due 2029. We have deployed the majority of the net proceeds from the offering of the Notes for general corporate purposes, which included the acquisition of non-QM loans and other target assets primarily sourced from our affiliated proprietary mortgage lending platform and other target assets through the secondary market in a manner consistent with our strategy and investment guidelines. Additionally, we used the net proceeds from the offering of the Notes to repurchase 1,707,922 shares of our common stock owned by Xylem Finance LLC, an affiliate of Davidson Kempner Capital Management LP, for an aggregate repurchase price of approximately $20.0 million. See â€œâ€“Trends and Recent Developmentsâ€“Notes offeringâ€ in this report. Our financing sources historically have included the foregoing, as well as capital contributions from our investors prior to our IPO, and the proceeds from our IPO and concurrent private placement (which capital has all been deployed). Going forward, we may also utilize other types of borrowings, including bank credit facilities and warehouse lines of credit, among others. We may also seek to raise additional capital through public or private offerings of equity, equity-related, or debt securities, depending upon market conditions. The use of any particular source of capital and funds will depend on market conditions, availability of these sources, and the investment opportunities available to us.We have used and expect to continue to use loan financing lines to finance the acquisition and accumulation of mortgage loans or other mortgageâ€‘related assets pending their eventual securitization. Upon accumulating an appropriate amount of assets, we have financed and expect to continue to finance a substantial portion of our mortgage loans utilizing fixed-rate term securitization funding that provides longâ€‘term financing for our mortgage loans and locks in our cost of funding, regardless of future interest rate movements.Securitizations may either take the form of the issuance of securitized bonds or the sale of â€œreal estate mortgage investment conduitâ€ securities backed by mortgage loans or other assets, with the securitization proceeds being used in part to repay pre-existing loan financing lines and repurchase facilities. We have sponsored and participated in securitization transactions with other entities that are managed by Angel Oak, and may continue to do so in the future, along with sponsoring sole securitization transactions.We believe these identified sources of financing will be adequate for purposes of meeting our shortâ€‘term (within one year) and our longerâ€‘term liquidity needs. We cannot predict with certainty the specific transactions we will undertake to generate sufficient liquidity to meet our obligations as they come due. We will adjust our plans as appropriate in response to changes in our expectations and any potential changes in market conditions.52Description of Existing Financing ArrangementsAs of SeptemberÂ 30, 2024, we were a party to three warehouse loan financing lines, which permitted borrowings in an aggregate amount of up to $1.1 billion. During the quarter ended SeptemberÂ 30, 2024, we renewed our loan financing facility with Multinational Bank 1 in accordance with the mechanism for six-month renewal periods. Subsequent to the end of the quarter, we (i) amended our loan financing facility with Global Investment Bank 2 to, among other changes, reduce the interest rate pricing spread to a range from 1.75% to 3.35% and (ii) amended our loan financing facility with Global Investment Bank 3 to, among other changes, extend the termination date to (a) November 1, 2025; (b) reduce the interest rate pricing spread to a range from 1.90% to 4.75% based on collateral type, loan status, dwell time and other factors; and (c) eliminate the 20 basis point index spread adjustment. Borrowings under warehouse loan financing lines (in general, each a â€œloan financing facilityâ€) may be used to purchase whole loans for securitization or loans purchased for longâ€‘term investment purposes. Our financing facilities are generally subject to limits on borrowings related to specific asset pools (â€œadvance ratesâ€) and other restrictive covenants, as is usual and customary. As of SeptemberÂ 30, 2024, the advance rates (when required) of our three active lenders ranged from 65% to 92%, depending on the asset type and loan delinquency status. Our most restrictive covenants (when covenants are required by any of our three active lenders) included (1) our minimum tangible net worth must not (i) decline 20% or more in the previous 30 days, 25% or more in the previous 90 days, or 35% or more in the previous year, or (ii) fall below $200.0 million of tangible net worth as of September 30, 2022 plus 50% of any capital contribution made or raised after September 30, 2022; (2) our minimum liquidity must not fall below the greatest of (i) the product of 5% and the aggregate repurchase price for a specific loan financing facility as of such date of determination, (ii) $10.0 million and (iii) any other amount of liquidity that we have covenanted to maintain in any other note, indenture, loan agreement, guaranty, swap agreement or any other contract, agreement or transaction (including, without limitation, any repurchase agreement, loan and security agreement, or similar credit facility or agreement for borrowed funds); and (3) the maximum ratio of our and our subsidiariesâ€™ total indebtedness to tangible net worth must not be greater than 5:1. Our minimum liquidity requirement as of SeptemberÂ 30, 2024 was $10.0Â million.A description of each loan financing facility in place during the quarter ended SeptemberÂ 30, 2024 is set forth as follows:Multinational Bank 1 Loan Financing Facility. On April 13, 2022, we and two of our subsidiaries entered into a master repurchase agreement with a multinational bank (â€œMultinational Bank 1â€). Our subsidiaries are each considered a â€œSellerâ€ under this agreement. From time to time and pursuant to the agreement, either of our subsidiaries may sell to Multinational Bank 1, and later repurchase, up to $600.0Â million aggregate borrowings on mortgage loans. Pursuant to the terms of the master repurchase agreement, the agreement may be renewed every three months for a maximum six-month term. As of SeptemberÂ 30, 2024, the termination date of the master repurchase agreement was March 25, 2025.The amount expected to be paid by Multinational Bank 1 for each eligible mortgage loan is based on an advance rate as a percentage of either the outstanding principal balance of the mortgage loan or the market value of the mortgage loan, whichever is less. Pursuant to the agreement, Multinational Bank 1 retains the right to determine the market value of the mortgage loans in its sole commercially reasonable discretion. The loan financing line is markedâ€‘toâ€‘market. Additionally, Multinational Bank 1 is under no obligation to purchase the eligible mortgage loans we offer to sell to them. The interest rate on any outstanding balance under the master repurchase agreement that the applicable subsidiary is required to pay Multinational Bank 1 is generally in line with other similar agreements that the Company or one or more of its subsidiaries has entered into, where the interest rate is equal to the sum of (1) a pricing spread generally ranging from 1.75% to 2.10% and (2) the average SOFR for each U.S. Government Securities Business Day (as defined in the master repurchase agreement) until two U.S. Government Securities Business Days prior to the date the applicable loan is repurchased by the applicable subsidiary. The obligations of the subsidiaries under the master repurchase agreement are guaranteed by the Company pursuant to a guaranty executed contemporaneously with the master repurchase agreement. In addition, and similar to other repurchase agreements that the Company has entered into, the Company is subject to various financial and other covenants, including those relating to (1) maintenance of a minimum tangible net worth; (2) a maximum ratio of indebtedness to tangible net worth; and (3) minimum liquidity.The agreement contains margin call provisions that provide Multinational Bank 1 with certain rights in the event of a decline in the market value of the purchased mortgage loans. Under these provisions, Multinational Bank 1 may require us or our subsidiaries to transfer cash sufficient to eliminate any margin deficit

resulting from such a decline.In addition, the agreement contains events of default (subject to certain materiality thresholds and grace periods), including payment defaults, breaches of covenants and/or certain representations and warranties, crossâ€'defaults, bankruptcy or insolvency proceedings and other events of default customary for this type of transaction. The remedies for such events of default are also customary for this type of transaction and include the acceleration of the principal amount outstanding under the agreement and Multinational Bank 1â€™s right to liquidate the mortgage loans then subject to the agreement.We and our subsidiaries are also required to pay certain customary fees to Multinational Bank 1 and to reimburse Multinational Bank 1 for certain costs and expenses incurred in connection with its structuring, management, and ongoing administration of the master repurchase agreement.Global Investment Bank 2 Loan Financing Facility. On March 28, 2024, two of our subsidiaries entered into a master repurchase agreement with a global investment bank (â€œGlobal Investment Bank 2â€), replacing the existing master repurchase agreement with Global 53Investment Bank 2 entered into on February 13, 2020. Our two subsidiaries are each considered a â€œSellerâ€ under this agreement. Pursuant to the agreement, one of our subsidiaries may sell to Global Investment Bank 2, and later repurchase, up to $250.0Â million aggregate borrowings on mortgage loans. The agreement is set to terminate on March 27, 2026, unless terminated earlier pursuant to the terms of the agreement. The principal amount paid by Global Investment Bank 2 for each mortgage loan is based on a percentage of the market value, costâ€'basis value, or unpaid principal balance of the mortgage loan (depending on the type of loan and certain other factors and subject to certain other adjustments). Pursuant to the agreement, Global Investment Bank 2 retains the right to determine the market value of the mortgage loan collateral in its sole good faith discretion. Additionally, Global Investment Bank 2 is under no obligation to purchase the eligible mortgage loans we offer to sell to them. Upon our or our subsidiaryâ€™s repurchase of the mortgage loan, our subsidiaries are required to repay Global Investment Bank 2 the principal amount related to such mortgage loan plus accrued and unpaid interest at a rate based on the sum of (1) the greater of (A) the greater of (i) 0.00% and (ii) Term SOFR (which is defined as the forward-looking term rate based on the Secured Overnight Financing Rate for a corresponding tenor of one month) and (B) a pricing spread generally ranging from, as of October 25, 2024, 1.75% to 3.35%.The obligations of the subsidiaries under the master repurchase agreement are guaranteed by the Company pursuant to a guaranty executed contemporaneously with the master repurchase agreement. In addition, and similar to other repurchase agreements that the Company has entered into, the Company is subject to various financial and other covenants, including those relating to (1) maintenance of a minimum tangible net worth; (2) a maximum ratio of indebtedness to tangible net worth; and (3) minimum liquidity.The agreement contains margin call provisions that provide Global Investment Bank 2 with certain rights in the event of a decline in the market value or costâ€'basis value of the purchased mortgage loans. Under these provisions, Global Investment Bank 2 may require us or our subsidiary to transfer cash sufficient to eliminate any margin deficit resulting from such a decline.In addition, the agreement contains events of default (subject to certain materiality thresholds and grace periods), including payment defaults, breaches of covenants and/or certain representations and warranties, crossâ€'defaults, bankruptcy or insolvency proceedings and other events of default customary for this type of transaction. The remedies for such events of default are also customary for this type of transaction and include the acceleration of the principal amount outstanding under the agreement and Global Investment Bank 2â€™s right to liquidate the mortgage loans then subject to the agreement.We and our subsidiary are also required to pay certain customary fees to Global Investment Bank 2 and to reimburse Global Investment Bank 2 for certain costs and expenses incurred in connection with its structuring, management and ongoing administration of the agreement.Global Investment Bank 3 Loan Financing Facility. On October 24, 2018, two of our subsidiaries entered into a master repurchase agreement with a global investment bank (â€œGlobal Investment Bank 3â€) for which we serve as guarantor of our subsidiariesâ€™ obligations. Our subsidiaries are each considered a â€œSellerâ€ under this agreement. Pursuant to the initial agreement, our subsidiaries could sell to Global Investment Bank 3, and later repurchase, up to $200.0 million aggregate borrowings on mortgage loans, although Global Investment Bank 3 was under no obligation to purchase the loans our subsidiaries offered to sell to them.On January 1, 2022, the facility was amended to transition the reference rate from a LIBOR-based index to Compound SOFR. Compound SOFR is determined on a one-month basis and is defined as a daily rate as determined by Global Investment Bank 3 to be the â€œUSD-SOFR-Compoundâ€ rate as defined in the International Swaps and Derivatives Association, Inc. definitions. On November 7, 2023, the facilityâ€™s termination date was extended to November 7, 2024. In addition, the base interest rate spread was reduced to 1.80% plus a 0.20% index spread adjustment. The advance rate for performing non-seasoned loans was increased to 85%.On November 1, 2024, the facilityâ€™s termination date was extended to November 1, 2025. In addition, the base interest rate spread was reduced to a range from 1.90% to 4.75% and the index spread adjustment of 0.20% was eliminated.The loan financing line is marked-to-market at fair value, where Global Investment Bank 3 retains the right to determine the market value of the mortgage loan collateral in its sole and good faith discretion and in a commercially reasonable manner and is under no obligation to purchase the eligible mortgage loans we offered to sell to them. Further, the principal amount paid by Global Investment Bank 3 for each eligible mortgage loan is based on a percentage of the outstanding principal balance of the mortgage loan or the market value of the mortgage loan, whichever is less.The Agreement contains margin call provisions that provide Global Investment Bank 3 with certain rights in the event of a decline in the market value of the purchased mortgage loans. Under those provisions, Global Investment Bank 3 could require us or our subsidiaries to transfer cash sufficient to eliminate any margin deficit resulting from such a decline.The agreement requires us to maintain various financial and other customary covenants. The agreement also sets forth events of default (subject to certain materiality thresholds and grace periods), including payment defaults, breaches of covenants and/or certain representations and warranties, crossâ€'defaults, bankruptcy or insolvency proceedings and other events of default customary for this type of transaction. The remedies for such events of default are also customary for this type of transaction and include the acceleration of the principal amount outstanding under the agreement and Global Investment Bank 3â€™s right to liquidate the mortgage loans then subject to the agreement.54We and our subsidiaries are also required to pay certain customary fees to Global Investment Bank 3 and to reimburse Global Investment Bank 3 for certain costs and expenses incurred in connection with its structuring, management, and ongoing administration of the agreement.Institutional Investors A and B Static Loan Pool Financing. On October 4, 2022, the Company and a subsidiary entered into two separate master repurchase facilities with two affiliates of an institutional investor (â€œInstitutional Investors A and Bâ€) regarding a specific pool of whole loans with financing of approximately $168.7 million on approximately $239.3 million of unpaid principal balance. The Company repaid these financing facilities in full on January 4, 2023, at which time the facilities were terminated pursuant to their terms.Regional Bank 1 Loan Financing Facility. On December 21, 2018, we and one of our subsidiaries entered into a master repurchase agreement with a regional bank (â€œRegional Bank 1â€). This financing facility was substantially unused, and expired by its terms on March 16, 2023.The following table sets forth the details of our loan financing facilities as of each of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:Interest Rate Pricing SpreadDrawn AmountNote PayableBase Interest RateSeptember 30, 2024December 31, 2023($ in thousands)Multinational Bank 1 (1)Average Daily SOFR1.75% - 2.10%$292,060Â $206,183Â Global Investment Bank 2 (2)1 month Term SOFR2.10% - 3.45%â€”Â â€”Â Global Investment Bank 3 (3)Compound SOFR2.00% - 4.50%40,982Â 84,427Â Institutional Investors A and B (4)1 month Term SOFR3.50%N/Aâ€”Â Regional Bank 1 (5)1 month SOFR2.50% - 3.50%N/Aâ€”Â Total$333,042Â $290,610Â (1) Â Â Â Â On September 25, 2024, this financing facility was extended through March 25, 2025 in accordance with the terms of the agreement, which contemplates six-month renewals. (2) Â Â Â Â On March 28, 2024 the amended and restated Master Repurchase Agreement was terminated and replaced with a new $250Â million Master Repurchase Agreement which has a termination date of March 27, 2026. On October 25, 2024, this facility was amended, reducing the interest rate pricing spread to a range from 1.75% to 3.35%, based on loan status, dwell time and other factors. Prior to this extension the interest rate pricing spread ranged from 2.10% to 3.35%.(3) Â Â Â Â On November 1, 2024, this facility was amended to (i) reduce the interest rate pricing spread to a range from 1.90% to 4.75%, based on loan status, dwell time and other factors, (ii) eliminate the 20 basis point index spread adjustment, and (iii) extend the facilityâ€™s termination date to November 1, 2025. (4) Â Â Â Â These agreements expired by their terms on January 4, 2023.(5) Â Â Â Â This agreement expired by its terms on March 16, 2023.The following table sets forth the total unused borrowing capacity of each loan financing facility as of SeptemberÂ 30, 2024:Note PayableBorrowing CapacityBalance OutstandingAvailable Financing(in thousands)Multinational Bank 1$600,000Â $292,060Â $307,940Â Global Investment Bank 2250,000Â â€”Â 250,000Â Global Investment Bank 3200,000Â 40,982Â 159,018Â Total$1,050,000Â $333,042Â $716,958Â Although available financing is uncommitted for each of our financing facilities, the Companyâ€™s unused borrowing capacity is available if it has eligible collateral to pledge and meets other borrowing conditions as set forth in the applicable agreements.Shortâ€'Term Repurchase Facilities. In addition to our existing loan financing lines, we employ shortâ€'term repurchase facilities to borrow against U.S. Treasury securities, securities issued by AOMT, Angel Oakâ€™s securitization platform, and other securities we may acquire in accordance with our investment guidelines. The following table sets forth certain characteristics of our short-term repurchase facilities as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023:55September 30, 2024Repurchase AgreementsAmount OutstandingWeighted Average Interest RateWeighted Average Remaining Maturity (Days)($ in thousands)U.S. Treasury securities$49,712Â 4.90Â %3RMBS (1)$53,164Â 6.35Â %18Total$102,876Â 5.65Â %11December 31, 2023Repurchase AgreementsAmount OutstandingWeighted Average Interest RateWeighted Average Remaining Maturity (Days)($ in thousands)U.S. Treasury securities$149,013Â 5.57Â %10RMBS (1)44,643Â 7.04Â %16Total$193,656Â 5.91Â %11(1) A portion of repurchase debt outstanding as of both SeptemberÂ 30, 2024 and DecemberÂ 31, 2023 includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs).The repurchase debt against the U.S. Treasury securities was repaid in full upon the maturity of the U.S. Treasury securities.The following table presents the amount of collateralized borrowings outstanding under repurchase facilities as of the end of each quarter, the average amount of collateralized borrowings outstanding under repurchase facilities during the quarter and the highest balance of any month end during the quarter:Quarter EndQuarter End BalanceAverage Balance in QuarterHighest Month-End Balance in Quarter(in thousands)Q4 202252,544Â 56,426Â 63,357Â Q1 2023442,214Â 180,165Â 442,214Â Q2 2023340,701Â 101,731Â 340,701Â Q3 2023188,101Â 87,279Â 188,101Â Q4 2023193,656Â 62,536Â 193,656Â Q1 2024193,493Â 69,254Â 193,493Â Q2 2024201,051Â 66,804Â 201,051Â Q3 2024102,876Â 57,842Â 102,876Â We utilize shortâ€'term repurchase facilities on our RMBS portfolio and to finance assets for REIT asset test purposes. Over time, the need to purchase securities for REIT asset test purposes will be reduced as we obtain and participate in additional securitizations and acquire assets directly for investment purposes. We will continue to use repurchase facilities on our RMBS portfolio to add additional leverage which increases the yield on those assets. Our use of repurchase facilities is generally highest at the end of any particular quarter, as shown in the table above, where the quarter-end balance and the highest month-end balance in each quarter are generally equivalent.Securitization Transactions Subsequent to the end of the quarter, in October 2024, we were the sole participant in a securitization transaction of a pool of residential mortgage loans, secured exclusively by first liens on oneâ€'toâ€'four family residential properties. In the transaction, AOMT 2024-10 issued approximately $316.8 million in face value of bonds. We used the proceeds of the securitization transaction to repay outstanding debt of approximately $260.4 million and retained cash of $39.4 million, which was used for new loan purchases and operational purposes.We are the sole member of the Depositor and also own and hold the call rights on the XS tranche of bonds, which is the â€œcontrolling classâ€ of the bonds. We will consolidate the AOMT 2024-10 securitization on our consolidated balance sheet, maintaining the residential mortgage loans held in the securitization trust and the related financing obligation thereto on our consolidated balance sheets in future reporting periods.56In June 2024, we and other affiliated entities participated in a securitization transaction of a pool of residential mortgage loans, secured primarily by first liens on oneâ€'toâ€'four family residential properties. In the transaction, AOMT 2024-6 issued approximately $479.6 million in face value of bonds. Our proportionate share of 4.51% of the retained bonds and investments in MOAs was approximately $2.5 million, including a retained discount on issuance of approximately $0.8 million. We used the proceeds of the securitization transaction to repay outstanding debt of approximately $15.8 million and retained cash of $1.8 million, which was used for operational purposes.We derecognized the mortgage loans sold in AOMT 2024-6 and recorded an investment in majority-owned affiliates located within â€œother assetsâ€ on our consolidated balance sheet as of SeptemberÂ 30, 2024.In April 2024, we were the sole participant in a securitization transaction of a pool of residential mortgage loans, secured exclusively by first liens on oneâ€'toâ€'four family residential properties. In the transaction, AOMT 2024-4 issued approximately $299.8 million in face value of bonds. We used the proceeds of the securitization transaction to repay outstanding debt of approximately $235.9 million and retained cash of $39.1 million, which was used for new loan purchases and operational purposes.We are the sole member of the Depositor and also own and hold the call rights on the XS tranche of bonds, which is the â€œcontrolling classâ€ of the bonds. We have consolidated the AOMT 2024-4 securitization on our consolidated balance sheet, maintaining the residential mortgage loans held in the securitization trust and the related financing obligation thereto on our consolidated balance sheets as of SeptemberÂ 30, 2024.In March 2024, we and other affiliated entities participated in a securitization transaction of a pool of residential mortgage loans, secured primarily by first liens on oneâ€'toâ€'four family residential properties. In the transaction, AOMT 2024-3 issued approximately $439.6 million in face value of bonds. Our proportionate share of 10.98% of the retained bonds and investments in MOAs was approximately $4.8 million, including a retained discount on issuance of approximately $1.6 million. We used the proceeds of the securitization transaction to repay outstanding debt of approximately $35.9 million and retained cash of $4.6 million, which was used for operational purposes.We derecognized the mortgage loans sold in AOMT 2024-3 and recorded an investment in majority-owned affiliates located within â€œother assetsâ€ on our consolidated balance sheet as of SeptemberÂ 30, 2024.In December 2023, we and other affiliated entities participated in a securitization transaction of a pool of residential mortgage loans, secured primarily by first liens on oneâ€'toâ€'four family residential properties. In the transaction, AOMT 2023-7 issued approximately $397.2 million in face value of bonds. Our proportionate share of 10.36% of the retained bonds and investments in MOAs was approximately $3.5 million, including a retained discount on issuance of approximately $1.4 million. We used the proceeds of the securitization transaction to repay outstanding debt of approximately $30.9 million and retained cash of $3.6 million, which was used for operational purposes.We derecognized the mortgage loans sold in AOMT 2023-7 and recorded an investment in majority-owned affiliates located within â€œother assetsâ€ on our consolidated balance sheet as of SeptemberÂ 30, 2024.In August 2023, we and other affiliated entities participated in a securitization transaction of a pool of residential mortgage loans, secured primarily by first liens on oneâ€'toâ€'four family residential properties. In the transaction, AOMT 2023-5 issued approximately $260.6 million in face value of bonds. Our proportionate share of 34.42% of the retained bonds and investments in MOAs was approximately $7.7 million, including a retained discount on issuance of approximately $2.7 million. We used the proceeds of the securitization transaction to repay outstanding debt of approximately $63.4 million and retained cash of $10.7 million, which was used for operational purposes.We derecognized the mortgage loans sold in AOMT 2023-5 and recorded an investment in majority-owned affiliates located within â€œother assetsâ€ on our consolidated balance sheet as of SeptemberÂ 30, 2024.In June 2023, we were the sole participant in a securitization transaction of a pool of residential mortgage loans, secured exclusively by first liens on oneâ€'toâ€'four family residential properties. In the transaction, AOMT 2023-4 issued approximately $259.4 million in face value of bonds. We used the proceeds of the securitization transaction to repay outstanding debt of approximately $197.3 million and retained cash of $35.7 million, which was used for new loan purchases and operational purposes.We are the sole member of the Depositor and also own and hold the call rights on the XS tranche of bonds, which is the â€œcontrolling classâ€ of the bonds. We have consolidated the AOMT 2023-4 securitization on our consolidated balance sheet, maintaining the residential mortgage loans held in the securitization trust and the related financing obligation thereto on our consolidated balance sheets as of SeptemberÂ 30, 2024.In January 2023, we and other affiliated entities participated in a securitization transaction of a pool of residential mortgage loans, secured primarily by first liens on oneâ€'toâ€'four family residential properties. In the transaction, AOMT 2023-1 issued approximately $552.9 million in face value of bonds. Our proportionate share of 41.21% of the retained bonds and investments in MOAs was approximately $19.8 million, including a retained discount on issuance of approximately $6.8 million. We used the proceeds of the securitization transaction to repay outstanding debt of approximately $190.1 million and retained cash of $15.9 million, which was used for operational purposes.We derecognized the mortgage loans sold in this transaction and recorded an investment in majority-owned affiliate located within â€œother assetsâ€ on our consolidated balance sheet as of SeptemberÂ 30, 2024.57We finance our assets with what we believe to be a prudent amount of leverage, which will vary from time to time based upon the particular characteristics of our portfolio, availability of financing, and market conditions.Subject to maintaining our qualification as a REIT and maintaining our exclusion from regulation as an investment company under the Investment Company Act, we expect to utilize various derivative instruments and other hedging instruments to mitigate interest rate risk, credit risk and other risks. For example, we may enter into hedging transactions with respect to interest rate exposure on one or more of our assets or liabilities. Any such hedging transactions could take a variety of forms, including the use of derivative instruments such as interest rate swap contracts, index swap contracts, interest rate cap or floor contracts, futures or forward contracts, and options.Notes OfferingOn July 25, 2024, we closed an underwritten public offering and sale of, and issued, $50 million in aggregate principal amount of our 9.500% Senior Notes due 2029. The Notes bear interest at a rate of 9.500% per annum, payable quarterly in arrears on January 30, April 30, July 30 and October 30 of each year, commencing on October 30, 2024. The Notes will mature on July 30, 2029, unless earlier

redeemed or repurchased by us. The Notes are fully and unconditionally guaranteed on a senior unsecured basis by the Operating Partnership, including the due and punctual payment of principal of premium, if any, and interest on the Notes, whether at the stated maturity, upon, acceleration, call for redemption or otherwise. We may redeem the Notes in whole or in part at any time or from time to time at our option on or after July 30, 2026 at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest to, but excluding, the redemption date. Upon the occurrence of certain events relating to a change of control of us, we must make an offer to repurchase all outstanding Notes at a price in cash equal to 101% of the principal amount of the Notes, plus accrued and unpaid interest to, but excluding, the repurchase date.ATM ProgramOn August 8, 2024, the Company entered into an At Market Issuance Sales Agreement (the â€œSales Agreementâ€) to sell shares of the Companyâ€™s common stock (â€œcommon stockâ€) from time to time having an aggregate gross sales price of up to $75 million, through an â€œat the marketâ€ equity offering program (the â€œATM Programâ€). The Company issued and sold 188,456 shares of common stock through the ATM Program during the three-months and nine-months ended SeptemberÂ 30, 2024 for net proceeds of $2.3 million. As of September 30, 2024, the Company had approximately $73 million of shares of common stock available for issuance under the ATM Program and Sales Agreement.Cash AvailabilityCash and cash equivalentsOur cash balance as of SeptemberÂ 30, 2024 was sufficient to meet our liquidity covenants under our financing facilities. We believe that we maintain sufficient cash to fund margin calls on our mark to market financing facilities or our economic hedge agreements, should such margin calls occur.We may also participate in upcoming securitizations either solely or with other Angel Oak entities. We also have the ability to leverage currently unleveraged securities or whole loan assets, if we deem those actions advisable.Restricted CashRestricted cash of approximately $2.7 million as of SeptemberÂ 30, 2024 was comprised of: no margin collateral held in support of our whole pool assets; $2.3Â million in interest rate futures margin collateral for the interest rate futures under our sole control; and margin collateral for securities sold under agreements to repurchase of $0.3Â million. Restricted cash of approximately $2.9 million as of DecemberÂ 31, 2023 was comprised of: $2.5Â million in interest rate futures margin collateral; and margin collateral for securities sold under agreements to repurchase of $0.3Â million. Our counterparties did not require any margin collateral for TBAs as of December 31, 2023.58Cash FlowsNine Months EndedSeptember 30, 2024September 30, 2023(in thousands)Cash flows provided by (used in) operating activities$(196,380)$353,744Â Cash flows provided by (used in) investing activities$86,040Â $(179,325)Cash flows provided by (used in) financing activities$110,575Â $(171,318)Net increase (decrease) in cash and restricted cash$235Â $3,101Â The cash used in operating activities of $196.4 million for the nine months ended SeptemberÂ 30, 2024 as compared to the cash provided by operating activities of $353.7 million for the nine months ended SeptemberÂ 30, 2023 was primarily due to the volume of residential mortgage loans sold into an affiliateâ€™s securitization trust during the first nine months of 2023, as compared to the first nine months of 2024.The cash provided by investing activities of $86.0 million for the nine months ended SeptemberÂ 30, 2024 as compared to cash used in investing activities of $179.3 million for the nine months ended SeptemberÂ 30, 2023 were primarily due to the timing of purchases and maturities of U.S. Treasury securities in the comparative period of 2023. Financing cash flows provided $110.6 million for the nine months ended SeptemberÂ 30, 2024 as compared to cash used of $171.3 million for the nine months ended SeptemberÂ 30, 2023 were primarily due to the activity within net borrowings under repurchase agreements and notes payable for the comparative periods.Cash Flows - Residential and Commercial Loan ClassificationResidential loan activity is recognized in the statement of cash flows as an operating activity, as our residential mortgage loans are generally held for a short period of time with the intent to securitize these loans. Commercial mortgage loan activity is recognized in the statement of cash flows as an investing activity, as our commercial mortgage loan portfolio is generally deemed to be held for investing purposes.Critical Accounting Policies and EstimatesThe preparation of financial statements in conformity with GAAP requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reported periods. Actual results could differ from those estimates. A discussion of critical accounting policies and estimates is included in the â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operations â€“ Critical Accounting Policies and Estimatesâ€ section in the Annual Report on Form 10-K. Our critical accounting policies and estimates have not materially changed since DecemberÂ 31, 2023. Management discusses the ongoing development and selection of these critical accounting policies and estimates with the Audit Committee of our Board of Directors.We expect quarter-to-quarter GAAP earnings volatility from our business activities. This volatility can occur for a variety of reasons, particularly changes in the fair values of consolidated assets and liabilities. In addition, the amount or timing of our reported earnings may be impacted by technical accounting issues and estimates.Recent Accounting PronouncementsRefer to the notes to our condensed consolidated financial statements included in this report for a discussion of recent accounting pronouncements and any expected impact on the Company.ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISKAs a smaller reporting company, we are not required to provide this information.59ITEM 4. CONTROLS AND PROCEDURESDisclosure Controls and ProceduresThe Companyâ€™s management, with the participation of the Companyâ€™s Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of the Companyâ€™s disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the â€œExchange Actâ€) as of the end of the period covered by this report. The Companyâ€™s disclosure controls and procedures are designed to provide reasonable assurance that information is recorded, processed, summarized, and reported accurately and on a timely basis. Based on such evaluation, the Companyâ€™s Chief Executive Officer and Chief Financial Officer have concluded that, as of the end of such period, the Companyâ€™s disclosure controls and procedures were effective.Changes in Internal Control Over Financial ReportingThere have not been any changes in the Companyâ€™s internal control over financial reporting (as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) during the fiscal quarter to which this report relates that have materially affected, or are reasonably likely to materially affect, the Companyâ€™s internal control over financial reporting.60PART II. OTHER INFORMATIONITEM 1. LEGAL PROCEEDINGSNone.ITEM 1A. RISK FACTORSFor a discussion of our potential risks and uncertainties, see the information under Item 1A. â€œRisk Factorsâ€ in the Annual Report on Form 10-K. There have been no material changes to our principal risks that we believe are material to our business, results of operations, and financial condition from the risk factors previously disclosed in the Annual Report on Form 10-K. The risks described in the Annual Report on Form 10-K are not the only risks facing us. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition, or future results.ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDSIssuer Purchases of Equity SecuritiesThe following table sets forth information with respect to shares of our common stock that we repurchased during the quarter ended SeptemberÂ 30, 2024:PeriodTotal Number of Shares Purchased (1)Average Price Paid per Share (1)Total Number of Shares Purchased as Part of Publicly Announced Plans or ProgramsApproximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or ProgramsJuly 1, 2024 - July 31, 20241,707,922$11.68Â -$â€”Â August 1, 2024 - August 31, 2024-$â€”Â -$â€”Â September 1, 2024 - September 30, 2024-$â€”Â -$â€”Â Total1,707,922$11.68Â -$â€”Â (1)On July 18, 2024, we entered into a stock repurchase agreement(the â€œstock repurchase agreementâ€)with Xylem Finance LLC, an affiliate of Davidson Kempner Capital Management LP. Pursuant to the stock repurchase agreement, on July 25, 2024,we repurchased 1,707,922 shares of common stock owned by Xylem Finance LLC for an aggregate repurchase price of approximately $20.0 million.Unregistered Sales of Equity SecuritiesThere were no unregistered sales of equity securities during the quarter ended SeptemberÂ 30, 2024.ITEM 3. DEFAULTS UPON SENIOR SECURITIESNone.ITEM 4. MINE SAFETY DISCLOSURESNot applicable.ITEM 5. OTHER INFORMATION(c) Trading PlansDuring the quarter ended September 30, 2024, none of our directors or officers (as defined in Rule 16a-1(f) of the Exchange Act) adopted, terminated or modified a Rule 10b5-1 trading arrangement or non-Rule 10b5-1 trading arrangement (as such terms are defined in Item 408 of Regulation S-K).61ITEM 6. EXHIBITSExhibit NumberDescription3.1Articles of Amendment and Restatement of the Company, dated June 17, 2021 (incorporated by reference to Exhibit 3.1 to the Companyâ€™s Current Report on Form 8-K filed on June 23, 2021)3.2Articles of Amendment of the Company, effective as of March 10, 2023 (incorporated by reference to Exhibit 3.1 to the Companyâ€™s Current Report on Form 8-K filed on March 2, 2023)3.3Third Amended and Restated Bylaws of the Company, effective as of March 10, 2023 (incorporated by reference to Exhibit 3.2 to the Companyâ€™s Current Report on Form 8-K filed on March 2, 2023)4.1Indenture, dated as of July 25, 2024, among Angel Oak Mortgage REIT, Inc., as issuer, Angel Oak Mortgage Operating Partnership, LP, as guarantor, and U.S. Bank Trust Company, National Association, as trustee (incorporated by reference to Exhibit 4.1 to the Companyâ€™s Current Report on Form 8-K filed on July 25, 2024)4.2First Supplemental Indenture, dated as of July 25, 2024, among Angel Oak Mortgage REIT, Inc., as issuer, Angel Oak Mortgage Operating Partnership, LP, as guarantor, and U.S. Bank Trust Company, National Association, as trustee (incorporated by reference to Exhibit 4.2 to the Companyâ€™s Current Report on Form 8-K filed on July 25, 2024)4.3Form of 9.500% Senior Notes due 2029 (including the notation of guarantee) (incorporated by reference to Exhibit 4.3 to the Companyâ€™s Current Report on Form 8-K filed on July 25, 2024)10.1+Amendment No. 1 to the Master Repurchase Agreement by and among Angel Oak Mortgage REIT, Inc and Global Investment Bank 2 dated October 25, 2024 (incorporated by reference to Exhibit 10.1 to the Companyâ€™s Current Report on Form 8-K filed on October 29, 2024)10.2+Amendment No. 1 to the Pricing Side Letter by and among Angel Oak Mortgage REIT, Inc and Global Investment Bank 2 dated October 25, 2024 (incorporated by reference to Exhibit 10.2 to the Companyâ€™s Current Report on Form 8-K filed on October 29, 2024)10.3+Second Amend and Restated Master Repurchase Agreement among Angel Oak Mortgage Fund TRS, Angel Oak Mortgage Operating Partnership, LP and Global Investment Bank 3 dated November 1, 2024 (incorporated by reference to Exhibit 10.1 and 10.2 to the Companyâ€™s Current Report on Form 8-K filed on November 4, 2024).22.1List of Guarantor Subsidiaries31.1â€ Certification of Chief Executive Officer as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 200231.2â€ Certification of Chief Financial Officer as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 200232.1*Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 200232.2*Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002101.DefDefinition Linkbase Document101.PrePresentation Linkbase Document101.LabLabels Linkbase Document101.CalCalculation Linkbase Document101.SchSchema Document101.InsInstance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document104The cover page from this Quarterly Report on Form 10-Q for the quarter ended SeptemberÂ 30, 2024, formatted in Inline XBRL+ Â Â Â Â Portions of this exhibit are redacted pursuant to Item 601(b)(10)(iv) of Regulation S-K.â€ Â Â Â Â Filed herewith.*Â Â Â Â Exhibit is being furnished and shall not be deemed to be â€œfiledâ€ for purposes of Section 18 of the Exchange Act or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended.62SIGNATURES 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: ANGEL OAK MORTGAGE REIT, INC.Â Â Â Â Â Â Â Â Â Â Â Â Â Â Date: November 7, 2024By:/s/ Sreeniwas PrabhuSreeniwas PrabhuChief Executive Officer and President(Principal Executive Officer)Date: November 7, 2024By:/s/ Brandon R. FilsonBrandon R. FilsonChief Financial Officer and Treasurer(Principal Financial and Accounting Officer)63 EX-22.1 2 exhibit221-aomrq220241.htm EX-22.1 DocumentEXHIBIT 22.1LIST OF GUARANTOR SUBSIDIARIESThe following subsidiary of Angel Oak Mortgage REIT, Inc. (the â€œCompanyâ€) was a guarantor of the Companyâ€™s 9.50% Senior Note Due 2029:Â NAME OF GUARANTOR SUBSIDIARYJURISDICTION OF INCORPORATIONAngel Oak Mortgage Operating Partnership, LPDelawareÂ EX-31.1 3 a2024-q3aomrexhibit311.htm EX-31.1 DocumentEXHIBIT 31.1CHIEF EXECUTIVE OFFICER CERTIFICATION PURSUANT TO RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OFTHE SARBANES-OXLEY ACT OF 2002I, Sreeniwas Prabhu, certify that:1.I have reviewed this Quarterly Report on Form 10-Q for the quarterly period ended SeptemberÂ 30, 2024 of Angel Oak Mortgage REIT, Inc.;2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4. The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;c) Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andd) Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5. The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions):a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; andb) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Date: NovemberÂ 7, 2024/s/ Sreeniwas PrabhuSreeniwas PrabhuChief Executive Officer and President EX-31.2 4 a2024-q3aomrexhibit312.htm EX-31.2 DocumentEXHIBIT 31.2CHIEF FINANCIAL OFFICER CERTIFICATION PURSUANT TO RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OFTHE SARBANES-OXLEY ACT OF 2002I, Brandon Filson, certify that:1.I have reviewed this Quarterly Report on Form 10-Q for the quarterly period ended SeptemberÂ 30, 2024 of Angel Oak Mortgage REIT, Inc.;2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4. The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;c) Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andd) Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5. The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions):a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; andb) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Date: NovemberÂ 7, 2024/s/ Brandon FilsonBrandon FilsonChief Financial Officer and Treasurer EX-32.1 5 a2024-q3aomrexhibit321.htm EX-32.1 DocumentEXHIBIT 32.1CERTIFICATIONPursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of The Sarbanes-Oxley Act of 2002In connection with the Quarterly Report on Form 10-Q of Angel Oak Mortgage REIT, Inc. (the â€œCompanyâ€) for the annual period ended SeptemberÂ 30, 2024 as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), I, Sreeniwas Prabhu, as Chief Executive Officer of the Company, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted

pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to the best of my knowledge:(1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Date: NovemberÂ 7, 2024/s/ Sreeniwas PrabhuSreeniwas PrabhuChief Executive Officer and PresidentÂ Â Â Â Â Â Â Â The foregoing certification is being furnished solely pursuant to 18 U.S.C. Â§1350 , as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, and is not being â€œfiledâ€ as part of the Form 10-K or as a separate disclosure document for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the â€œExchange Actâ€), or otherwise subject to liability under that section. This certification shall not be deemed to be incorporated by reference to any filing under the Securities Act of 1933, as amended, or the Exchange Act except to the extent that this Exhibit 32.1 is expressly and specifically incorporated by reference in any such filing. EX-32.2 6 a2024-q3aomrexhibit322.htm EX-32.2 DocumentEXHIBIT 32.2CERTIFICATIONPursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of The Sarbanes-Oxley Act of 2002In connection with the Quarterly Report on Form 10-Q of Angel Oak Mortgage REIT, Inc. (the â€œCompanyâ€) for the annual period ended SeptemberÂ 30, 2024 as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), I, Brandon Filson, as Chief Financial Officer of the Company, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to the best of my knowledge:(1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Date: NovemberÂ 7, 2024/s/ Brandon FilsonBrandon FilsonChief Financial Officer and TreasurerÂ Â Â Â Â Â Â Â The foregoing certification is being furnished solely pursuant to 18 U.S.C. Â§1350 , as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, and is not being â€œfiledâ€ as part of the Form 10-K or as a separate disclosure document for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the â€œExchange Actâ€), or otherwise subject to liability under that section. This certification shall not be deemed to be incorporated by reference to any filing under the Securities Act of 1933, as amended, or the Exchange Act except to the extent that this Exhibit 32.2 is expressly and specifically incorporated by reference in any such filing. EX-101.SCH 7 aomr-20240930.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 0000001 - Document - Cover link:presentationLink link:calculationLink link:definitionLink 9952151 - Statement - Condensed Consolidated Balance Sheets link:presentationLink link:calculationLink link:definitionLink 9952152 - Statement - Condensed Consolidated Balance Sheets (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952153 - Statement - Condensed Consolidated Statements of Operations and Comprehensive Income (Loss) link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - Condensed Consolidated Statements of Changes in Stockholders' Equity link:presentationLink link:calculationLink link:definitionLink 9952155 - Statement - Condensed Consolidated Statements of Cash Flows link:presentationLink link:calculationLink link:definitionLink 9952156 - Disclosure - Organization and Basis of Presentation link:presentationLink link:calculationLink link:definitionLink 9952157 - Disclosure - Variable Interest Entities link:presentationLink link:calculationLink link:definitionLink 9952158 - Disclosure - Residential Mortgage Loans link:presentationLink link:calculationLink link:definitionLink 9952159 - Disclosure - Investment Securities link:presentationLink link:calculationLink link:definitionLink 9952160 - Disclosure - Financing link:presentationLink link:calculationLink link:definitionLink 9952161 - Disclosure - Due to Broker link:presentationLink link:calculationLink link:definitionLink 9952162 - Disclosure - Securities Sold Under Agreements to Repurchase link:presentationLink link:calculationLink link:definitionLink 9952163 - Disclosure - Derivative Financial Instruments link:presentationLink link:calculationLink link:definitionLink 9952164 - Disclosure - Fair Value Measurements link:presentationLink link:calculationLink link:definitionLink 9952165 - Disclosure - Related Party Transactions link:presentationLink link:calculationLink link:definitionLink 9952166 - Disclosure - Commitments and Contingencies link:presentationLink link:calculationLink link:definitionLink 9952167 - Disclosure - Accumulated Other Comprehensive Income/(Loss) link:presentationLink link:calculationLink link:definitionLink 9952168 - Disclosure - Other Assets link:presentationLink link:calculationLink link:definitionLink 9952169 - Disclosure - Equity link:presentationLink link:calculationLink link:definitionLink 9952170 - Disclosure - Earnings per Share (â€œEPSâ€) link:presentationLink link:calculationLink link:definitionLink 9952171 - Disclosure - Subsequent Events link:presentationLink link:calculationLink link:definitionLink 9954471 - Disclosure - Organization and Basis of Presentation (Policies) link:presentationLink link:calculationLink link:definitionLink 9954472 - Disclosure - Variable Interest Entities (Tables) link:presentationLink link:calculationLink link:definitionLink 9954473 - Disclosure - Residential Mortgage Loans (Tables) link:presentationLink link:calculationLink link:definitionLink 9954474 - Disclosure - Investment Securities (Tables) link:presentationLink link:calculationLink link:definitionLink 9954475 - Disclosure - Financing (Tables) link:presentationLink link:calculationLink link:definitionLink 9954476 - Disclosure - Securities Sold Under Agreements to Repurchase (Tables) link:presentationLink link:calculationLink link:definitionLink 9954477 - Disclosure - Derivative Financial Instruments (Tables) link:presentationLink link:calculationLink link:definitionLink 9954478 - Disclosure - Fair Value Measurements (Tables) link:presentationLink link:calculationLink link:definitionLink 9954479 - Disclosure - Related Party Transactions (Tables) link:presentationLink link:calculationLink link:definitionLink 9954480 - Disclosure - Accumulated Other Comprehensive Income/(Loss) (Tables) link:presentationLink link:calculationLink link:definitionLink 9954481 - Disclosure - Other Assets (Tables) link:presentationLink link:calculationLink link:definitionLink 9954482 - Disclosure - Earnings per Share (â€œEPSâ€) (Tables) link:presentationLink link:calculationLink link:definitionLink 9954483 - Disclosure - Variable Interest Entities - Schedule of Securitization Transactions (Details) link:presentationLink link:calculationLink link:definitionLink 9954484 - Disclosure - Variable Interest Entities - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954485 - Disclosure - Residential Mortgage Loans (Details) link:presentationLink link:calculationLink link:definitionLink 9954486 - Disclosure - Investment Securities - Schedule of Investments Securities at Cost (Details) link:presentationLink link:calculationLink link:definitionLink 9954487 - Disclosure - Investment Securities - Schedule of Investments in RMBS and CMBS at Fair Value (Details) link:presentationLink link:calculationLink link:definitionLink 9954488 - Disclosure - Investment Securities - Schedule of U.S. Treasury Securities (Details) link:presentationLink link:calculationLink link:definitionLink 9954489 - Disclosure - Financing - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954490 - Disclosure - Financing - Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases (Details) link:presentationLink link:calculationLink link:definitionLink 9954491 - Disclosure - Due to Broker (Details) link:presentationLink link:calculationLink link:definitionLink 9954492 - Disclosure - Securities Sold Under Agreements to Repurchase - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954493 - Disclosure - Securities Sold Under Agreements to Repurchase - Schedule of Repurchase Agreements (Details) link:presentationLink link:calculationLink link:definitionLink 9954494 - Disclosure - Derivative Financial Instruments - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954495 - Disclosure - Derivative Financial Instruments - Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts (Details) link:presentationLink link:calculationLink link:definitionLink 9954496 - Disclosure - Derivative Financial Instruments - Schedule of Derivatives Not Designated as Hedging Instruments (Details) link:presentationLink link:calculationLink link:definitionLink 9954497 - Disclosure - Fair Value Measurements - Schedule of Financial Assets and Liabilities Measured at Fair Value (Details) link:presentationLink link:calculationLink link:definitionLink 9954498 - Disclosure - Fair Value Measurements - Schedule of Significant Level 3 Inputs (Details) link:presentationLink link:calculationLink link:definitionLink 9954499 - Disclosure - Fair Value Measurements - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954500 - Disclosure - Related Party Transactions - Schedule of Related Party Transactions (Details) link:presentationLink link:calculationLink link:definitionLink 9954501 - Disclosure - Related Party Transactions - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954502 - Disclosure - Commitment and Contingencies (Details) link:presentationLink link:calculationLink link:definitionLink 9954503 - Disclosure - Accumulated Other Comprehensive Income/(Loss) (Details) link:presentationLink link:calculationLink link:definitionLink 9954504 - Disclosure - Other Assets - Schedule of Other Assets (Details) link:presentationLink link:calculationLink link:definitionLink 9954505 - Disclosure - Other Assets - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954506 - Disclosure - Equity (Details) link:presentationLink link:calculationLink link:definitionLink 9954507 - Disclosure - Earnings per Share (â€œEPSâ€) - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954508 - Disclosure - Equity and Earnings per Share ("EPS") - Calculation of Earnings per Share (Details) link:presentationLink link:calculationLink link:definitionLink 9954509 - Disclosure - Subsequent Events (Details) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 8 aomr-20240930_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 9 aomr-20240930_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 10 aomr-20240930_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Recorded investment in mortgage loans in foreclosure Mortgage Loans in Process of Foreclosure, Amount Adjustments to reconcile net (loss) income to net cash used in operating activities: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Fair value of non-recourse securitization obligations Non-Recourse Debt, Fair Value Disclosure Non-Recourse Debt, Fair Value Disclosure Statistical Measurement [Domain] Statistical Measurement [Domain] Related Party Transactions Related Party Transactions Disclosure [Text Block] Collateral Held [Domain] Collateral Held [Domain] Sale of commercial mortgage loans to third parties Proceeds From Sale And Collection Of Loans Held For Sale Third Parties Proceeds From Sale And Collection Of Loans Held For Sale Third Parties Cover [Abstract] Schedule of Financing Receivables Past Due Financing Receivable, Past Due [Table Text Block] CHANGE IN CASH, CASH EQUIVALENTS, AND RESTRICTED CASH Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Incentive fee (as a percent) Related Party, Incentive Fee, Percent Related Party, Incentive Fee, Percent Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts Schedule of Notional Amounts of Outstanding Derivative Positions [Table Text Block] Trading Symbol Trading Symbol All Trading Arrangements All Trading Arrangements [Member] Debt Instrument, Redemption, Period [Axis] Debt Instrument, Redemption, Period [Axis] Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts Unrealized Gain (Loss) On Derivatives And Investments Unrealized Gain (Loss) On Derivatives And Investments Compensation Actually Paid vs. Net Income Compensation Actually Paid vs. Net Income [Text Block] Non-NEOs Non-NEOs [Member] Schedule of Basic and Diluted Earnings Per Share Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] VIE - Primary Beneficiary Variable Interest Entity, Primary Beneficiary [Member] Assets Sold under Agreements to Repurchase, Type [Domain] Assets Sold under Agreements to Repurchase, Type [Domain] Rule 10b5-1 Arrangement Adopted Rule 10b5-1 Arrangement Adopted [Flag] Dividends declared per share of common stock (USD per share) Common Stock, Dividends, Per Share, Declared Awards Close in Time to MNPI Disclosures Awards Close in Time to MNPI Disclosures [Table] Derivative [Line Items] Derivative [Line Items] Position [Axis] Position [Axis] Pay vs Performance Disclosure [Line Items] Assets Sold under Agreements to Repurchase [Line Items] Assets Sold under Agreements to Repurchase [Line Items] Peer Group Total Shareholder Return Amount Peer Group Total Shareholder Return Amount Debt Instrument, Redemption, Period [Domain] Debt Instrument, Redemption, Period [Domain] RMBS - at fair value Total RMBS AOMT RMBS Residential Mortgage-Backed Securities [Member] Derivative [Table] Derivative [Table] Institutional Investors A and B Institutional Investors A and B [Member] Institutional Investors A and B Non-Rule 10b5-1 Arrangement Adopted Non-Rule 10b5-1 Arrangement Adopted [Flag] Unrealized appreciation on futures contracts Future [Member] Fair Value Measurements Fair Value Disclosures [Text Block] Sale of investments in RMBS, trading Proceeds from Sale, Debt Security, Trading, and Equity Security, FV-NI, Held-for-Investment Award Timing Disclosures [Line Items] Other Performance Measure, Amount Other Performance Measure, Amount Portion at Fair Value Measurement Portion at Fair Value Measurement [Member] Common stock outstanding (shares) Common Stock, Shares, Outstanding Interest payable Increase (Decrease) in Interest Payable, Net NET INTEREST INCOME Interest Income (Expense), Operating Net income (loss) to common stockholders - basic Undistributed Earnings, Basic TOTAL REALIZED AND UNREALIZED GAINS (LOSSES), NET Realized And Unrealized Gain (Loss) on Derivatives and Investments Realized And Unrealized Gain (Loss) on Derivatives and Investments Net effect of dilutive equity awards (shares) Weighted Average Number of Shares Outstanding, Diluted, Adjustment Entity Tax Identification Number Entity Tax Identification Number Repurchase of common stock, number of shares (shares) Treasury Stock, Shares, Acquired Variable Interest Entities Variable Interest Entity Disclosure [Text Block] Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts (see Note 2) Non-recourse securitization obligations, collateralized by residential mortgage loans in securitization trusts Secured Debt Antidilutive Securities, Name [Domain] Antidilutive Securities, Name [Domain] Collateral Pledged Collateral Pledged [Member] AOMT 2023-7 AOMT 2023-7 [Member] AOMT 2023-7 Loans held-for-sale, measurement input Loan, Held-for-Sale, Measurement Input Debt Instrument, Redemption, Period Two Debt Instrument, Redemption, Period Two [Member] NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES Net Cash Provided by (Used in) Operating Activities Receivable Type [Axis] Receivable Type [Axis] CASH FLOWS FROM OPERATING ACTIVITIES Net Cash Provided by (Used in) Operating Activities [Abstract] Schedule of Accumulated Other Comprehensive Income /(Loss) Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block] U.S. Treasury securities - at fair value U.S. Treasury securities U.S. Treasury securities US Treasury Securities [Member] Non-recourse securitization obligation, collateralized by residential mortgage loans Non-Recourse Securitization Obligation, Fair Value Disclosure Non-Recourse Securitization Obligation, Fair Value Disclosure Equity Components [Axis] Equity Components [Axis] Award Timing Method Award Timing Method [Text Block] Difference between amortized cost and fair value of non-recourse securitization obligations Non-Recourse Debt, Difference Between Amortized Cost And Fair Value Non-Recourse Debt, Difference Between Amortized Cost And Fair Value Trading Arrangements, by Individual Trading Arrangements, by Individual [Table] Fair value adjustment for residential mortgage loans in securitization trusts Fair Value Adjustment For Residential Mortgage Loans In Securitization Trusts Fair Value Adjustment For Residential Mortgage Loans In Securitization Trusts CMBS, at fair value Real Estate Securities at Fair Value Investments in securities Debt Securities, Available-for-Sale Noncontrolling Interest [Line Items] Noncontrolling Interest [Line Items] Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Insider Trading Policies and Procedures [Line Items] Use of Estimates Use of Estimates, Policy [Policy Text Block] Receivable [Domain] Receivable [Domain] AOMT RMBS Total AOMT RMBS Residential Mortgage Backed Securities, Angel Oak Mortgage Trust [Member] Residential Mortgage Backed Securities, Angel Oak Mortgage Trust Principal payments on RMBS and CMBS securities Proceeds from Maturities, Prepayments and Calls of Mortgage-Backed Securities (MBS) Sale of investments in RMBS, available for sale Proceeds from Sale of Mortgage-Backed Securities (MBS), Available-for-Sale Adjustment to Compensation, Amount Adjustment to Compensation Amount Aggregate unpaid principal balance of residential whole loans sold, at deal date Residential Whole Loans, Aggregate Fair Value At Deal Date Residential Whole Loans, Aggregate Fair Value At Deal Date Compensation Amount Outstanding Recovery Compensation Amount Diluted Earnings (Loss) per Common Share: Earnings Per Share, Diluted [Abstract] Amortized cost of non-recourse securitization obligations Non-Recourse Debt, Amortized Cost Non-Recourse Debt, Amortized Cost Principal payments on residential mortgage loans Increase (Decrease) in Principal Payments Received on Residential Mortgage Loans Increase (Decrease) in Principal Payments Received on Residential Mortgage Loans 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 Company Selected Measure Amount Company Selected Measure Amount Cash paid for debt issuance costs Payments of Debt Issuance Costs Tabular List, Table Tabular List [Table Text Block] Deferred tax asset Deferred Tax Assets, Net Level 3 Fair Value, Inputs, Level 3 [Member] Global Investment Bank 2 Global Investment Bank 2 [Member] Global Investment Bank 2 Average Weighted Average [Member] Repurchase of shares of common stock Stock Repurchased During Period, Value 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] Debt Securities, Available-for-sale [Line Items] Debt Securities, Available-for-Sale [Line Items] Antidilutive securities excluded from computation of earnings per share (shares) Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Net Effective Yield Debt Securities, Available-for-Sale, Weighted Average Yield Securitized loans Residential Mortgage Loans, At Fair Value And Carrying Value Residential Mortgage Loans, At Fair Value And Carrying Value Credit Facility [Domain] Credit Facility [Domain] Cost Financing Receivable, at Cost Financing Receivable, at Cost CASH, CASH EQUIVALENTS, AND RESTRICTED CASH, beginning of period CASH, CASH EQUIVALENTS, AND RESTRICTED CASH, end of period Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Weighted average fixed rate for Non-recourse securitization obligation issued Debt, Weighted Average Interest Rate Schedule of Accounts, Notes, Loans and Financing Receivable [Table] Accounts and Financing Receivables [Table] Number of Loans Purchased from Affiliates, Owned and Held as of Year-to-Date/Year Ended Number of Loans Purchased from Related Parties Owned And Held Number of Loans Purchased from Related Parties Owned And Held Consolidation Items [Axis] Consolidation Items [Axis] Face amount of Senior Support Certificates received by the Company, at deal date Rated And Non Rated Certificates [Member] Rated And Non Rated Certificates Forgone Recovery due to Disqualification of Tax Benefits, Amount Forgone Recovery due to Disqualification of Tax Benefits, Amount Employee Stock Option Share-Based Payment Arrangement, Option [Member] Debt Securities, Available-for-sale [Table] Debt Securities, Available-for-Sale [Table] Fair Value Disclosures [Abstract] Minimum incentive fee Related Party, Minimum Incentive Fee Related Party, Minimum Incentive Fee Schedule of

Antidilutive Securities Excluded from Computation of Earnings Per Share [Table] Antidilutive Security, Excluded EPS Calculation [Table] TOTAL COMPREHENSIVE INCOME (LOSS) Comprehensive Income (Loss), Net of Tax, Attributable to Parent Principal payments on commercial mortgage loans Proceeds (Payments) Received on Mortgage Loans Held-for-Investment Proceeds (Payments) Received on Mortgage Loans Held-for-Investment Securities Sold Under Agreements to Repurchase Repurchase Agreements, Resale Agreements, Securities Borrowed, and Securities Loaned Disclosure [Text Block] Security Exchange Name Security Exchange Name Interest Rate Pricing Spread Debt Instrument, Basis Spread on Variable Rate Award Type [Axis] Award Type [Axis] Related Party Transaction [Domain] Related Party Transaction [Domain] Basic Earnings (Loss) per Common Share: Earnings Per Share, Basic [Abstract] Investment, Issuer Affiliation [Domain] Investment, Issuer Affiliation [Domain] Total liabilities Liabilities Broker-Dealer [Abstract] Common stock, par value (USD per share) Common Stock, Par or Stated Value Per Share Forgone Recovery, Explanation of Impracticability Forgone Recovery, Explanation of Impracticability [Text Block] Schedule of Investments Securities at Cost Debt Securities, Available-for-Sale [Table Text Block] Expiration Date Trading Arrangement Expiration Date CASH FLOWS FROM INVESTING ACTIVITIES Net Cash Provided by (Used in) Investing Activities [Abstract] Dividends allocated to participating securities Undistributed Earnings (Loss) Allocated to Participating Securities, Diluted Unpaid principal balance of loans 90 or more days past due Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Unpaid Principal Balance Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Unpaid Principal Balance Net premium on mortgage loans purchased Financing Receivable, Unamortized Purchase Premium (Discount) Total Shareholder Return Amount Total Shareholder Return Amount Common stock issued (shares) Common Stock, Shares, Issued Income tax payable Increase (Decrease) in Income Taxes Payable Residential mortgage loans in securitization trusts - at fair value Loans Receivable, Residential, Securitization Trust [Member] Loans Receivable, Residential, Securitization Trust Dividends allocated to participating securities Undistributed Earnings (Loss) Allocated to Participating Securities, Basic Unpaid principal balance of loans in foreclosure Fair Value, Option, Loans Held as Assets, Foreclosure, Unpaid Principal Balance Fair Value, Option, Loans Held as Assets, Foreclosure, Unpaid Principal Balance Equity Awards Adjustments, Footnote Equity Awards Adjustments, Footnote [Text Block] Borrowing Capacity Line of Credit Facility, Maximum Borrowing Capacity Other Assets, at fair value Other Assets, Fair Value Disclosure Liabilities Derivative Liability Insider Trading Policies and Procedures Adopted Insider Trading Policies and Procedures Adopted [Flag] Subsequent Event [Line Items] Subsequent Event [Line Items] SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate Schedule [Table] SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate Schedule [Table] Aggregate unpaid principal balance of residential whole loans sold Residential Whole Loans, Aggregate Fair Value Residential Whole Loans, Aggregate Fair Value Debt Instrument [Line Items] Debt Instrument [Line Items] Named Executive Officers, Footnote Named Executive Officers, Footnote [Text Block] Schedule of Assets Sold under Agreements to Repurchase [Table] Asset Sold under Agreement to Repurchase [Table] Other assets Total other assets Other Assets Common stock authorized (shares) Common Stock, Shares Authorized Eliminations Consolidation, Eliminations [Member] The Operating Partnership Basis of Accounting, Policy [Policy Text Block] Diluted (shares) Diluted weighted average common shares outstanding (shares) Weighted Average Number of Shares Outstanding, Diluted Mortgage loans Fair value Commercial Mortgage Loans, at fair value Financing Receivable, after Allowance for Credit Loss Default rate Measurement Input, Default Rate [Member] Non-recourse Nonrecourse [Member] Fair value adjustment for the portion of Non-recourse securitization obligation, at fair value option Fair Value Adjustment For The Portion Of Non-recourse Securitization Obligation, At Fair Value Option Fair Value Adjustment For The Portion Of Non-recourse Securitization Obligation, At Fair Value Option Loan Securitization Transactions Asset-Backed Securities, Securitized Loans and Receivables [Member] MNPI Disclosure Timed for Compensation Value MNPI Disclosure Timed for Compensation Value [Flag] AOCI Attributable to Parent, Net of Tax [Roll Forward] AOCI Attributable to Parent, Net of Tax [Roll Forward] Long-term Debt, Type [Axis] Long-Term Debt, Type [Axis] Total stockholders' equity Balance at beginning of period Balance at end of period Equity, Attributable to Parent Aggregate cash received, at deal date Proceeds from Issuance of Debt SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Abstract] Hedging Designation [Domain] Hedging Designation [Domain] Balance Sheet Location [Axis] Statement of Financial Position Location, Balance [Axis] Schedule of Other Assets Schedule of Other Assets [Table Text Block] Net unrealized gain/(loss) on AFS securities Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent Outstanding amount of Non-recourse securitization obligation, at amortized cost Securitization Obligation Outstanding, At Carrying Value Securitization Obligation Outstanding, At Carrying Value Global Investment Bank 3 Global Investment Bank 3 [Member] Global Investment Bank 3 Investment percentage Subsidiary, Ownership Percentage, Parent Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Sale of Stock [Domain] Sale of Stock [Domain] Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts Long-term debt Long-Term Debt Pension Adjustments Prior Service Cost Pension Adjustments Prior Service Cost [Member] Regional Bank 1 Regional Bank 1 [Member] Regional Bank 1 Document Fiscal Period Focus Document Fiscal Period Focus All Executive Categories All Executive Categories [Member] Balance Sheet Location [Domain] Statement of Financial Position Location, Balance [Domain] Net unrealized gain/(loss) on AFS securities AOCI, Accumulated Gain (Loss), Debt Securities, Available-for-Sale, Parent [Member] Changed Peer Group, Footnote Changed Peer Group, Footnote [Text Block] ASSETS Assets [Abstract] Fair Value, by Balance Sheet Grouping [Table] Fair Value, by Balance Sheet Grouping [Table] Other comprehensive income (loss) Unrealized gain (loss) on RMBS and CMBS Other Comprehensive Income (Loss), Net of Tax Face Value Debt Securities, Available-for-sale, Face Value Debt Securities, Available-for-sale, Face Value Document Type Document Type Derivative Contract [Domain] Derivative Contract [Domain] Pension Benefits Adjustments, Footnote Pension Benefits Adjustments, Footnote [Text Block] Total Shareholder Return Vs Peer Group Total Shareholder Return Vs Peer Group [Text Block] Amortized cost and fair value of these investments Investments in Majority-Owned Affiliates Investments in and Advance to Affiliates, Subsidiaries, Associates, and Joint Ventures Nonrelated Party Nonrelated Party [Member] Sale of residential mortgage loans Increase (Decrease) In Sales of Residential Mortgage Loans Increase (Decrease) In Sales of Residential Mortgage Loans Cost of mortgage-backed securities Amortized Cost Debt Securities, Available-for-Sale, Amortized Cost Accretion of discount on U.S. Treasury securities Depreciation, Amortization and Accretion, Net Subsequent Event [Table] Subsequent Event [Table] Maximum Maximum [Member] Allocated Capital Debt Securities, Available for Sale, Net of Securities Sold under Agreements to Repurchase Debt Securities, Available for Sale, Net of Securities Sold under Agreements to Repurchase Equity Valuation Assumption Difference, Footnote Equity Valuation Assumption Difference, Footnote [Text Block] Antidilutive Securities [Axis] Antidilutive Securities [Axis] Liabilities [Abstract] Liabilities [Abstract] Whole Pool Agency RMBS Total Whole Pool Agency RMBS Residential Mortgage Backed Securities, Whole Pool Agency [Member] Residential Mortgage Backed Securities, Whole Pool Agency Period for determining incentive fee by equity Related Party, Incentive Fee, Equity, Period Related Party, Incentive Fee, Equity, Period Current Fiscal Year End Date Current Fiscal Year End Date Residential mortgage loans - at fair value Residential mortgage loans Loans Receivable, Residential [Member] Loans Receivable, Residential Principal and interest receivable Accrued Investment Income Receivable Statistical Measurement [Axis] Statistical Measurement [Axis] PEO Name PEO Name Non-Rule 10b5-1 Arrangement Terminated Non-Rule 10b5-1 Arrangement Terminated [Flag] INCOME (LOSS) BEFORE INCOME TAXES Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Non-PEO NEO Average Total Compensation Amount Non-PEO NEO Average Total Compensation Amount Award Type [Domain] Award Type [Domain] Financing Receivables, Past Due [Abstract] Financing Receivables, Past Due [Abstract] Financing Receivables, Past Due Name Outstanding Recovery, Individual Name Compensation Actually Paid vs. Company Selected Measure Compensation Actually Paid vs. Company Selected Measure [Text Block] Non-PEO NEO Non-PEO NEO [Member] Additional Paid-in Capital Additional Paid-in Capital [Member] Net proceeds from (payments on) notes payable Proceeds from (Repayments of) Notes Payable Award Timing Predetermined Award Timing Predetermined [Flag] Subsequent Event Type [Domain] Subsequent Event Type [Domain] Dividends paid to common stockholders Payments of Ordinary Dividends, Common Stock Debt instrument, redemption price, percentage Debt Instrument, Redemption Price, Percentage Recourse Status [Axis] Recourse Status [Axis] Recent Accounting Pronouncements and Summary of Significant Accounting Policies New Accounting Pronouncements, Policy [Policy Text Block] Diluted earnings (loss) per common share (USD per share) Diluted earnings (loss) per common share (USD per share) Earnings Per Share, Diluted Class of Stock [Axis] Class of Stock [Axis] Counterparty Name [Domain] Counterparty Name [Domain] Name Measure Name Entity Interactive Data Current Entity Interactive Data Current Basis point index spread adjustment Debt Instrument, Basis Point Index Spread Adjustment Debt Instrument, Basis Point Index Spread Adjustment Restatement does not require Recovery Restatement Does Not Require Recovery [Text Block] Ownership [Axis] Ownership [Axis] Statement of Financial Position [Abstract] Securities or Other Assets Sold under Agreements to Repurchase [Axis] Securities or Other Assets Sold under Agreements to Repurchase [Axis] Non-cash equity compensation Share-Based Payment Arrangement, Noncash Expense Unpaid principal balance Financing Receivable, After Allowance for Credit Loss, Before Fair Value Option Adjustment, Unpaid Principal Balance Financing Receivable, After Allowance for Credit Loss, Before Fair Value Option Adjustment, Unpaid Principal Balance Management Agreement Management Agreement [Member] Management Agreement Interest Only/Excess Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Interest Only/ Excess [Member] Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Interest Only/ Excess Principal payments on non-recourse securitization obligation Repayments of Secured Debt Net Realized Gains (Losses) on Derivative Instruments Derivative Instruments Not Designated as Hedging Instruments, Gain (Loss), Net Income tax expense Income Tax Expense (Benefit) Notes Payable [Abstract] Stated interest rate Debt Instrument, Interest Rate, Stated Percentage Notional Amounts Derivative, Notional Amount Unrealized appreciation on TBAs and interest rate futures contracts - at fair value Assets Derivative Asset SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION Supplemental Cash Flow Information [Abstract] Statement of Comprehensive Income [Abstract] Unrealized depreciation on TBAs and interest rate futures contracts - at fair value Unrealized Depreciation on Futures Contracts, Fair Value Unrealized Depreciation on Futures Contracts, Fair Value Number of Contracts Derivative, Number of Instruments Held NET CASH PROVIDED BY (USED IN) INVESTING ACTIVITIES Net Cash Provided by (Used in) Investing Activities Restrictions on Cash and Cash Equivalents [Table] Restrictions on Cash and Cash Equivalents [Table] Purchase of investments in U.S. Treasury securities Payments To Acquire Debt Securities, Available-For-Sale, Other Payments To Acquire Debt Securities, Available-For-Sale, Other Total liabilities and stockholders' equity Liabilities and Equity Subsequent Events Subsequent Events [Text Block] Rule 10b5-1 Arrangement Terminated Rule 10b5-1 Arrangement Terminated [Flag] All Adjustments to Compensation All Adjustments to Compensation [Member] Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Axis] Additional paid-in capital Additional Paid in Capital Hedging Designation [Axis] Hedging Designation [Axis] Change in fair value Fair Value, Option, Aggregate Differences, Loans and Long-Term Receivables Derivative Financial Instruments Derivative Instruments and Hedging Activities Disclosure [Text Block] Noncontrolling Interest [Table] Noncontrolling Interest [Table] Accumulated Other Comprehensive Income (Loss) [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] Commitments and Contingencies Disclosure [Abstract] Organization and Basis of Presentation Organization, Consolidation, Basis of Presentation, Business Description and Accounting Policies [Text Block] Underlying Security Market Price Change Underlying Security Market Price Change, Percent Measurement Input Type [Axis] Measurement Input Type [Axis] Individual: Individual [Axis] Related Party Transaction [Axis] Related Party Transaction [Axis] Accumulated Other Comprehensive (Loss) Income AOCI Attributable to Parent [Member] Unrealized Gain/(Loss) Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Gain (Loss), before Tax Restricted cash Restricted cash Restricted Cash Long-term Debt, Type [Domain] Long-Term Debt, Type [Domain] Entity Address, State or Province Entity Address, State or Province Statement [Line Items] Statement [Line Items] Measurement Input Type [Domain] Measurement Input Type [Domain] Derivative Instruments and Hedging Activities Disclosure [Abstract] Erroneous Compensation Analysis Erroneous Compensation Analysis [Text Block] Schedule of Related Party Transactions Schedule of Related Party Transactions [Table Text Block] Net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS Realized Gain (Loss) On Derivatives And Investments, Net Realized Gain (Loss) On Derivatives And Investments, Net Freddie Mac Residential Mortgage Backed Securities, Whole Pool Agency, Freddie Mac [Member] Residential Mortgage Backed Securities, Whole Pool Agency, Freddie Mac EXPENSES Operating Expenses [Abstract] Compensation Actually Paid vs. Total Shareholder Return Compensation Actually Paid vs. Total Shareholder Return [Text Block] Financial Instruments [Domain] Financial Instruments [Domain] Accounts, Notes, Loans and Financing Receivable [Line Items] Accounts, Notes, Loans and Financing Receivable [Line Items] LIABILITIES AND STOCKHOLDERSâ€™ EQUITY Liabilities and Equity [Abstract] Incentive fee per annum (as a percent) Related Party, Incentive Fee Per Annum, Percent Related Party, Incentive Fee Per Annum, Percent Minimum Minimum [Member] Restatement Determination Date Restatement Determination Date Fair Value Estimate of Fair Value Measurement [Member] Adoption Date Trading Arrangement Adoption Date Pay vs Performance Disclosure Pay vs Performance Disclosure [Table] Related Party Transactions [Abstract] Xylem Finance LLC Xylem Finance LLC [Member] Xylem Finance LLC Erroneously Awarded Compensation Recovery Erroneously Awarded Compensation Recovery [Table] Variable Interest Entity [Line Items] Variable Interest Entity [Line Items] 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] Derivative Instrument [Axis] Derivative Instrument [Axis] Exercise Price Award Exercise Price Earnings per Share (â€œEPSâ€) Earnings Per Share [Text Block] Arrangement Duration Trading Arrangement Duration Subsequent Event Subsequent Event [Member] Schedule of Variable Interest Entities [Table] Variable Interest Entity [Table] Multinational Bank 1 Multinational Bank 1 [Member] Multinational Bank 1 Financing Receivables [Abstract] Financing Receivables [Abstract] Financing Receivables Maturity of U.S. Treasury securities Proceeds from Sale of Debt Securities, Available-for-sale, Other Proceeds from Sale of Debt Securities, Available-for-sale, Other Net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS Realized Gain (Loss) On Derivatives And Investments Realized Gain (Loss) On Derivatives And Investments Peer Group Issuers, Footnote Peer Group Issuers, Footnote [Text Block] Material Terms of Trading Arrangement Material Terms of Trading Arrangement [Text Block] Schedule of Repurchase Agreements Schedule of Repurchase Agreements [Table Text Block] All Individuals All Individuals [Member] PEO PEO [Member] Period for determining incentive fee Related Party, Incentive Fee, Period Related Party, Incentive Fee, Period Name Trading Arrangement, Individual Name Cumulative share-based compensation expense Share-Based Payment Arrangement, Cumulative Expense Share-Based Payment Arrangement, Cumulative Expense Statement of Stockholders' Equity [Abstract] Residential mortgage loans in securitization trusts, at fair value Residential Mortgage Loans In Securitization Trusts, At Fair Value Residential Mortgage Loans In Securitization Trusts, At Fair Value Interest rate futures Interest Rate Future [Member] Interest Rate Future Interest payable Accrued interest payable on debt Interest Payable Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases Schedule of Line of Credit Facilities [Table Text Block] Recorded investment in mortgage loans 90 or more days past due Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due Awards Close in Time to MNPI Disclosures, Table Awards Close in Time to MNPI Disclosures [Table Text Block] Lender Name [Axis] Lender Name [Axis] Assets, at fair value Assets, Fair Value Disclosure [Abstract] Retained RMBS in VIEs Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Retained [Member] Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Retained Common stock, capital shares reserved for future issuance (in shares) Common Stock, Capital Shares Reserved for Future Issuance 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] Residential mortgage loans in securitization trusts Loans Receivable, Residential Mortgage Loans In Securitization Trusts [Member] Loans Receivable, Residential Mortgage Loans In Securitization Trusts Related Party [Domain] Related and Nonrelated Parties [Domain] Aggregate Erroneous Compensation Amount Aggregate Erroneous Compensation Amount Mezzanine Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Mezzanine [Member] Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Mezzanine Net proceeds from issuance of senior notes Proceeds from Issuance of Senior Long-Term Debt Local Phone Number Local Phone Number Aggregate Erroneous Compensation Not Yet Determined Aggregate Erroneous Compensation Not Yet Determined [Text Block] Other Assets Other Assets Disclosure [Text Block] Operating expenses Operating Expenses Weighted Average Interest Rate Assets Sold under Agreements to Repurchase, Interest Rate Other assets Increase (Decrease) in Other Operating Assets Net change in: Increase (Decrease) in Operating Capital [Abstract] PEO Total Compensation Amount PEO Total Compensation Amount Senior unsecured notes Senior Notes Schedule of Investments in RMBS and CMBS at Fair Value Debt Securities, Available-for-sale and Securities Sold Under Agreements to Repurchase [Table Text Block] Debt Securities, Available-for-sale and Securities Sold Under Agreements to Repurchase Payments of stock issuance costs Payments of Stock Issuance Costs Commitments and Contingencies Commitments and Contingencies Disclosure [Text Block] Common Stock Common Stock at Par Common Stock [Member] Measure: Measure [Axis] Principal and interest receivable on residential mortgage loans Increase (Decrease) in Accrued Investment Income Receivable Due to broker Due to Correspondent Brokers Stock compensation Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture Forgone Recovery due to Expense of Enforcement, Amount Forgone Recovery due to Expense of Enforcement, Amount Debt Instrument, Redemption, Period One Debt Instrument, Redemption, Period One [Member] Securitization costs Securitization Costs Securitization Costs Loans Purchased from Affiliates Loans Purchased from Affiliates [Member] Loans Purchased from Affiliates Line of Credit Line of Credit [Member] Entity Emerging Growth Company Entity

Emerging Growth Company Investment, Issuer Affiliation [Axis] Investment, Issuer Affiliation [Axis] Total liabilities, at fair value Liabilities, Fair Value Disclosure Entity Central Index Key Entity Central Index Key Short Exposure Short [Member] Margin cash collateral Margin Deposit Assets Subordinate Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Subordinate [Member] Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Subordinate Non-GAAP Measure Description Non-GAAP Measure Description [Text Block] Non-PEO NEO Average Compensation Actually Paid Amount Non-PEO NEO Average Compensation Actually Paid Amount Commercial Mortgage Loans, at fair value Loans Receivable, Commercial [Member] Loans Receivable, Commercial Restricted Cash and Cash Equivalents Items [Line Items] Restricted Cash and Cash Equivalents Items [Line Items] Equity Equity [Text Block] Award Timing, How MNPI Considered Award Timing, How MNPI Considered [Text Block] Equity Component [Domain] Equity Component [Domain] Financial Instrument [Axis] Financial Instrument [Axis] Securities sold under agreements to repurchase Securities Sold Under Agreements to Repurchase Amount Outstanding Securities Sold under Agreements to Repurchase Unamortized Discount, net Debt Securities, Available-for-Sale, Purchased with Credit Deterioration, Discount (Premium) Purchases of investments in RMBS, trading Payment for Acquisition, Trading Security, Held-for-Investment Interest income Interest and Dividend Income, Operating Additional 402(v) Disclosure Additional 402(v) Disclosure [Text Block] Accretion of non-recourse securitized obligation discount Accretion Expense Restricted Stock Awards Restricted Stock [Member] MOA Investment, Affiliated Issuer, Controlled [Member] Entity Shell Company Entity Shell Company Measurement Basis [Axis] Measurement Basis [Axis] Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Assets, at fair value Fair Value Loans Receivable, Fair Value Disclosure AOMT 2024-6 AOMT 2024-6 [Member] AOMT 2024-6 Title Trading Arrangement, Individual Title Consolidated Entities [Axis] Consolidated Entities [Axis] Statement [Table] Statement [Table] Interest expense, debt Interest Expense, Debt Income taxes payable Taxes Payable Counterparty Name [Axis] Counterparty Name [Axis] Schedule of Securitization Transactions Schedule of Variable Interest Entities [Table Text Block] Consolidation Items [Domain] Consolidation Items [Domain] Position [Domain] Position [Domain] City Area Code City Area Code Schedule of Derivatives Not Designated as Hedging Instruments Derivatives Not Designated as Hedging Instruments [Table Text Block] TBAs Unrealized appreciation on TBAs To-Be-Announced (TBAs) [Member] To-Be-Announced (TBAs) Bonds Bonds [Member] Cash paid during the year for interest 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] Stockholders' Equity Note [Abstract] Whole Pool Agency RMBS Agency Whole Pool Loan Securities [Member] Agency Whole Pool Loan Securities Statement of Cash Flows [Abstract] Senior Notes Senior Notes [Member] Weighted Average Remaining Maturity (Days) Repurchase Agreement Counterparty, Weighted Average Maturity of Agreements Accrued expenses Increase (Decrease) in Accrued Liabilities Available Financing Line of Credit Facility, Remaining Borrowing Capacity Repurchase of common stock Payments for Repurchase of Common Stock Document Information [Line Items] Document Information [Line Items] Schedule of Long-term Debt Instruments [Table] Schedule of Long-Term Debt Instruments [Table] Number of mortgage loans 90 or more days past due Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Number Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Number Schedule of Significant Level 3 Inputs Fair Value Measurement Inputs and Valuation Techniques [Table Text Block] Accumulated Other Comprehensive Income (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Table] Residential Mortgage Loans Financing Receivables [Text Block] Total purchase commitment Unrecorded Unconditional Purchase Obligation Expected remaining life Measurement Input, Expected Term [Member] Subsequent Event Type [Axis] Subsequent Event Type [Axis] Weighted average remaining contractual maturity (years) Financing Receivable, Weighted Average Contractual Maturity Financing Receivable, Weighted Average Contractual Maturity Earnings Per Share [Abstract] STOCKHOLDERSâ€™ EQUITY Equity [Abstract] Equity [Abstract] Number of Loans Purchased from Affiliates during the Year-to-Date/Year Ended Number of Loans Purchased from Related Parties during Period Number of Loans Purchased from Related Parties during Period Retained earnings (deficit) Retained Earnings (Accumulated Deficit) Long Exposure Long [Member] Class of Stock [Domain] Class of Stock [Domain] Related Party Transaction [Line Items] Related Party Transaction [Line Items] Net proceeds from (repurchases of) securities sold under agreements to repurchase Proceeds from (Payments for) in Securities Sold under Agreements to Repurchase Organization, Consolidation and Presentation of Financial Statements [Abstract] Aggregate Available Trading Arrangement, Securities Aggregate Available Amount Equity Awards Adjustments Equity Awards Adjustments [Member] NET CASH PROVIDED BY (USED IN) FINANCING ACTIVITIES Net Cash Provided by (Used in) Financing Activities Underlying Securities Award Underlying Securities Amount Performance Shares Performance Shares [Member] Investment Securities Investments in Debt and Marketable Equity Securities (and Certain Trading Assets) Disclosure [Text Block] Schedule of Residential Mortgage Loans Financing Receivables [Table Text Block] Financing Receivables Loss severity Measurement Input, Loss Severity [Member] Credit Facility [Axis] Credit Facility [Axis] Dividends paid on common stock Dividends, Common Stock, Cash Amendment Flag Amendment Flag Amortized Cost Reported Value Measurement [Member] Entity Registrant Name Entity Registrant Name CMBS, at fair value Commercial Mortgage-Backed Securities [Member] Adjustment to Non-PEO NEO Compensation Footnote Adjustment to Non-PEO NEO Compensation Footnote [Text Block] Stock Appreciation Rights (SARs) Stock Appreciation Rights (SARs) [Member] AOMT 2023-5 AOMT 2023-5 [Member] AOMT 2023-5 Protective advances and other assets Protective Advances And Other Protective Advances And Other Fair Value as of Grant Date Award Grant Date Fair Value Subsequent Events [Abstract] Deferred Costs, Capitalized, Prepaid, and Other Assets Disclosure [Abstract] Affiliates Affiliated Entity [Member] Stock issued in sale (shares) Sale of Stock, Number of Shares Issued in Transaction Level 2 Fair Value, Inputs, Level 2 [Member] Debt issuance costs, net Debt Issuance Costs, Net Financing Debt Disclosure [Text Block] Fair Value Hierarchy and NAV [Domain] Fair Value Hierarchy and NAV [Domain] Collateral Held [Axis] Collateral Held [Axis] Recovery of Erroneously Awarded Compensation Disclosure [Line Items] Face amount of debt Debt Instrument, Face Amount Issuance of common stock, net of expenses Stock Issued During Period, Value, New Issues Entity Address, Postal Zip Code Entity Address, Postal Zip Code Unrealized appreciation Non-Recourse Securitization Obligation, Unrecognized Unrealized Appreciation Non-Recourse Securitization Obligation, Unrecognized Unrealized Appreciation Interim Financial Statements Consolidation, Policy [Policy Text Block] Restatement Determination Date: Restatement Determination Date [Axis] Title of 12(b) Security Title of 12(b) Security Common stock, $0.01 par value. As of SeptemberÂ 30, 2024: 350,000,000 shares authorized, 23,511,272 shares issued and outstanding. As of DecemberÂ 31, 2023: 350,000,000 shares authorized, 24,965,274 shares issued and outstanding. Common Stock, Value, Issued Management fee payable to affiliate Management Fee Payable Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts Unrealized Gain (Loss) on Derivatives and Investments, Net, Cash Flow Statement Unrealized Gain (Loss) on Derivatives and Investments, Net, Cash Flow Statement INTEREST INCOME, NET Interest Income (Expense), Operating [Abstract] 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] Banking and Thrift, Interest [Abstract] Management fee payable to affiliate Increase (Decrease) in Management Fee Payable Purchases of investments in RMBS, available for sale Payments to Acquire Mortgage-Backed Securities (MBS), Available-for-Sale AOMT 2024-3 AOMT 2024-3 [Member] AOMT 2024-3 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] Accrued expenses Accrued Liabilities Fair Value Measurement [Domain] Fair Value Measurement [Domain] Basic earnings (loss) per common share (USD per share) Basic earnings (loss) per common share (USD per share) Earnings Per Share, Basic Proceeds from issuances of common stock, net of expenses Proceeds from Issuance of Common Stock Restricted Cash Cash and Cash Equivalents [Member] Adjustment To PEO Compensation, Footnote Adjustment To PEO Compensation, Footnote [Text Block] Award Timing MNPI Disclosure Award Timing MNPI Disclosure [Text Block] Due to Broker Due to and from Broker-Dealers and Clearing Organizations Disclosure [Text Block] Ownership [Domain] Ownership [Domain] Aggregate Pension Adjustments Service Cost Aggregate Pension Adjustments Service Cost [Member] Proceeds from debt, net of issuance costs Proceeds from Debt, Net of Issuance Costs NET INCOME (LOSS) ALLOCABLE TO COMMON STOCKHOLDERS Net income (loss) to common stockholders Net income (loss) to common stockholders - basic Net Income (Loss) Available to Common Stockholders, Basic Compensation Actually Paid vs. Other Measure Compensation Actually Paid vs. Other Measure [Text Block] 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] Total assets Assets Notes payable Drawn Amount Long-Term Line of Credit REALIZED AND UNREALIZED GAINS (LOSSES), NET Realized and Unrealized Gains (Losses), Net [Abstract] Realized and Unrealized Gains (Losses), Net Fixed management fee per annum (as a percent) Related Party, Annual Fixed Management Fee Related Party, Annual Fixed Management Fee Forgone Recovery due to Violation of Home Country Law, Amount Forgone Recovery due to Violation of Home Country Law, Amount SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Line Items] SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Line Items] Investments in majority-owned affiliates Payments to Acquire Businesses and Interest in Affiliates Prepayment rate (annual CPR) Measurement Input, Prepayment Rate [Member] Net income (loss) to common stockholders - diluted Undistributed Earnings, Diluted Termination Date Trading Arrangement Termination Date AOMT 2023-1 AOMT 2023-1 [Member] AOMT 2023-1 Expected remaining life Loan, Held-for-Sale, Term Schedule of Related Party Transactions, by Related Party [Table] Related Party Transaction [Table] 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] Notes Payable to Banks Notes Payable to Banks [Member] Derivatives Not Designated as Hedging Instruments Not Designated as Hedging Instrument [Member] Renewal period Debt Instrument, Renewal Term Debt Instrument, Renewal Term Entity Address, City or Town Entity Address, City or Town Debt Instrument [Axis] Debt Instrument [Axis] Net income (loss) Net income (loss) Net Income (Loss) Attributable to Parent Stock compensation Share-Based Payment Arrangement, Expense Trading Arrangement: Trading Arrangement [Axis] Schedule of Financial Assets and Liabilities Measured at Fair Value Fair Value, by Balance Sheet Grouping [Table Text Block] Investments, Debt and Equity Securities [Abstract] Accumulated Other Comprehensive Income/(Loss) Comprehensive Income (Loss) Note [Text Block] Net amortization of premiums and discounts on mortgage loans Amortization of Debt Discount (Premium) Pay vs Performance Disclosure, Table Pay vs Performance [Table Text Block] Recourse Status [Domain] Recourse Status [Domain] 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 Liabilities, at fair value Liabilities, Fair Value Disclosure [Abstract] Weighted average interest rate Financing Receivable, Weighted Average Interest Rate Financing Receivable, Weighted Average Interest Rate Consolidated Entities [Domain] Consolidated Entities [Domain] Document Fiscal Year Focus Document Fiscal Year Focus Entity Address, Address Line One Entity Address, Address Line One Repurchase of common stock, value Treasury Stock, Value, Acquired, Cost Method Weighted average number of common shares outstanding: Weighted Average Number of Shares Outstanding Reconciliation [Abstract] Entity Address, Address Line Two Entity Address, Address Line Two Debt Instrument, Name [Domain] Debt Instrument, Name [Domain] Total assets, at fair value Assets, Fair Value Disclosure Name Forgone Recovery, Individual Name Proceeds from securitization Proceeds from Accounts Receivable Securitization Document Period End Date Document Period End Date Sale of Stock [Axis] Sale of Stock [Axis] Award Timing MNPI Considered Award Timing MNPI Considered [Flag] Line of Credit Facility, Lender [Domain] Line of Credit Facility, Lender [Domain] Insider Trading Arrangements [Line Items] Unrealized depreciation Non-Recourse Securitization Obligation, Unrecognized Unrealized Depreciation Non-Recourse Securitization Obligation, Unrecognized Unrealized Depreciation Outstanding Aggregate Erroneous Compensation Amount Outstanding Aggregate Erroneous Compensation Amount Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] PEO Actually Paid Compensation Amount PEO Actually Paid Compensation Amount Amount of Loans Purchased from Affiliates during the Year-to-Date/Year Ended (in thousands) Related Party Transaction, Purchases from Related Party Face amount of Non-recourse securitization obligation issued by the VIE and purchased by third-party investors, at deal date Securitization Debt [Member] Securitization Debt Adjustment to Compensation: Adjustment to Compensation [Axis] Reclassifications Reclassification, Comparability Adjustment [Policy Text Block] Document Transition Report Document Transition Report ATM Program ATM Program [Member] ATM Program Document Quarterly Report Document Quarterly Report Cost and unpaid principal balance Financing Receivable, Amortized Cost, After Allowance for Credit Loss Financing Receivable, Amortized Cost, After Allowance for Credit Loss Interest expense Interest Expense, Operating 9.500% Senior Notes Due 2029 9.500% Unsecured Senior Notes Due 2029 9.500% Unsecured Senior Notes Due 2029 [Member] 9.500% Unsecured Senior Notes Due 2029 Fair Value, Recurring and Nonrecurring [Table] Fair Value, Recurring and Nonrecurring [Table] Fannie Mae Residential Mortgage Backed Securities, Whole Pool Agency, Fannie Mae [Member] Residential Mortgage Backed Securities, Whole Pool Agency, Fannie Mae Accumulated other comprehensive income (loss) Accumulated Other Comprehensive Income (Loss), Net of Tax Entity Current Reporting Status Entity Current Reporting Status Retained Earnings (Deficit) Retained Earnings [Member] Amortization of debt issuance costs Amortization of Debt Issuance Costs Pension Adjustments Service Cost Pension Adjustments Service Cost [Member] Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments Change in Unrealized Appreciation (Depreciation) on Derivative Instruments, Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments, Net Basic (shares) Basic weighted average common shares outstanding (shares) Weighted Average Number of Shares Outstanding, Basic Related Party [Axis] Related and Nonrelated Parties [Axis] Stock Price or TSR Estimation Method Stock Price or TSR Estimation Method [Text Block] Purchases of residential mortgage loans Increase (Decrease) in Payments to Purchase Mortgage Loans Increase (Decrease) in Payments to Purchase Mortgage Loans Incentive fee, number of quarters Related Party, Incentive Fee, Number Of Quarters Related Party, Incentive Fee, Number Of Quarters Due diligence and transaction costs Noninterest Expense Due Diligence And Transaction Costs Noninterest Expense Due Diligence And Transaction Costs Document Information [Table] Document Information [Table] Increase (Decrease) in Stockholders' Equity [Roll Forward] Increase (Decrease) in Stockholders' Equity [Roll Forward] Period for determining incentive fee by distributed earnings Related Party, Incentive Fee, Distributed Earnings, Period Related Party, Incentive Fee, Distributed Earnings, Period Total operating expenses Noninterest Expense Executive Category: Executive Category [Axis] Name Awards Close in Time to MNPI Disclosures, Individual Name Prepaid expenses Prepaid Expense Management fee incurred with affiliate Management Fee Expense Entity Filer Category Entity Filer Category Number of mortgage loans in foreclosure Fair Value, Option, Loans Held as Assets, Foreclosure, Number Fair Value, Option, Loans Held as Assets, Foreclosure, Number Company Selected Measure Name Company Selected Measure Name Margin received from interest rate futures contracts and TBAs Increase (Decrease) on Margin Received from (Posted on) Derivatives Increase (Decrease) on Margin Received from (Posted on) Derivatives EX-101.PRE 11 aomr-20240930_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT GRAPHIC 12 aomr-20240930_g1.jpg begin 644 aomr-20240930_g1.jpg M_]C_X 02D9)1@ ! 0$!2@%* #_VP!#_," @," @,# P,$ P,$!0@%!00$ M!0H'!P8(# H,# L*"PL-#A(0#0X1#@L+$!80$1,4%145# \7&!84&!(4%13_ MVP!# 0,$! 4$!0D%!0D4#0L-%!04%!04%!04%!04%!04%!04%!04%!04 M%!04%!04%!04%!04%!04%!04%!3_P 1" />!G,# 2(A$! Q$!_\0 M'P 04! 0$! 0$ $" P0%!@<("0H+_\0 M1 @$# P($ P4% M! 0 %] 0(# 01!1(A,4$&$U%A!R)Q%#*!D:$((T*QP152T? D,V)R@@D* M%A<8&1HE)B7J#A(6&AXB)BI*3E)66EYB9FJ*CI*6FIZBIJK*SM+6VM[BYNL+#Q,7& MQ\C)RM+3U-76U]C9VN'BX^3EYN? HZ>KQ\O/T]?;W^/GZ_\0 'P$ P$! 0$! M 0$! 0 $" P0%!@<("0H+_\0 M1$ @$"! 0#! <%! 0 0)W $" M Q$$!2$Q!A)!40=A<1,B,H$(%$*1H;'!"2,S4O 58G+1"A8D-.$E\1<8&1HF M)R@I*C4V-S@Y.D- $149'2$E*4U155E=865IC9&5F9VAI:G-T=79W>'EZ@H.$ MA8:'B(F*DI.4E9:7F)F:HJ.DI::GJ*FJLK.TM;:WN+FZPL/$Q<;'R,G*TM/4 MU=;7V-G:XN/DY>;GZ.GJ\O/T]?;W^/GZ_]H # ,! (1 Q$ /P#]4Z*** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHK(\7>*M-\"^$]: M\2:S.;71]'LIM1O9PA*=%M9&0:I=6MS>%\ <_/';)MC./X?,8\CZ5V7[-W_!4ZT^(OQ4@^&W MQ1\$'7'PW\575RME;222/Y7VEONPSQRJKPLQP%SN!+ ';U(!]44V218HV=V" M(HRS,< #U-?GW\1/^"HVL>)? B1J'@C]GWX87GQ4N[#>)M67S7MWVG:7CCB7) MBW8_>LZANPP02 ?H-17YU>"?^"I_B7P3\1M.\(?M!_"JZ^&YOBH35HQ-&D(8 M[1(T,HRT6>KHYVX/![?HC!/'=0QS0R++#(H=)(V#*RD9!!'4$4

245\-_M"_ M\%,(_!?Q5D^%_P (O MW\5O&UO*UO=BS=S!#,OWXD6-6>5DP0Y&U4(.2<$#S MR/\ X*C_ !0^#_B;2[3X_ R\\)Z-J#[5U&Q2:%E7(RR)-N68J.JAU/.?8@' MZ3T5E>%?%&E>-O#>F>(-
"OH=3T;4[=+NTO(#E)8G4,K#\#T/(K5H **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH ****
**** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ JGK.CV/B+1[[2M4M(;_3;Z"2 MUNK2X0/'-
$ZE71U/!5E)!!Z@U2%P9;B0_ /J20 2/SV M_8M^%OB;]LS]I;4_VH?B/I[V?ARQNL>%M-F)*-)$=L.S(&Z. <[@ &F)/\+B M@#ZS_P""AWQ"O?AG^QS\2-6TV5H-0N+./3(I$;:R_:9XX'(/8B.1R,&&,M_=
C9@.QD;N34O\ MP5T64_L9ZP8PQ0:O8&3']WS>_P".VO0O^"=-Q'XVCS!'-*MO+&#UVGS48CN8U M/:K?[,/QUO[7_@F';>.S/Ÿ^L^&/"VI0QM(V3YMEYT=N"3ZK'#^==O_P4HFC@
M_8B^*+2L%4VEJH+?WC>P!1^)(KY<^".GW5K_,$8?%DJ]W^E6&K3I@?\LQ>. MC'Z?(] &O_P1=^&%F/AWXW^)]_"EUXAU;5FTJ.^F.^98(TCED^8]\DN6[GR
MÜ)Z"OI_]O_X8V/Q3_9%^)%C=V\ERZW92,H+136JF8%">A94=#CJ'8=Z M\B_X(ZW$I)CLVR%N?P85]/_ +1DT=O^SW\3Y9F"11^%]49V M;H%%I*23^% 'RU_P1U\>7'BK]E&XT:ZF:5_#>NW-C
K$DK!(D6;NZ"6,J1N0AE M/NI!&.#0!^-U_P#'CP]^WY^T(FK?&CQS8_#KX.>'9/,L/#,UVRS70).%^4', MC@?0)>JG:G7(_2'0OVW_P!FCPOHMCI&D?$OPQINEV,*6]K9VI:.*&-1A450 MF
!BL/_AUQ^S%_T3/_,K^J?\ R31_PZX_9B_Z)G_Y7]4_^2: .N_:J\!V MW[4W[(?BW2?"=U;ZV-']0N%L?[/$%QK_B?P9&FOW&3/J>EW,MG+,Q&-\@C8+(W3YF4GCKCB@#Y'_X*=?M
M=>%_BWX(TGX)_"G5[?QWKO+4[#;>TULJ4&J7D\MW5F\O(X.S&02#7N- 'Y* \$R/VCM% M_9;USX@_!;XN:A'X(NH]5-W;3ZJWE6\=T%6&>)Y#PFY8XF5CA6 ;GE<^U_\ M!1?]NCX>:?\
7Q!X$\#>+-+\7^+/%4/]F>7H5TEY':VSG$[R21DH"4W1A,[MLR9Q@&OI7XY?L:_"#]HO4(M2\<^#K?4=7C5475+6:2UNBHZ*\D3*74#@!\@= ML5SOP?\ ^"?/P*^"/B&UU_P]X+CN-
=M2&M]0U:ZEO'A<='19&**^>=RJ"#T(MH I?\$Z_@/J/[/O[+?A[1=;MFL_$&JRR:WJ5JXPT$LP4)&P[,L21*P[,".U? M3-%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4
M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %

([EHXRJD@9*N!QGMF@#Q; MX4?%[2?VM_\ @JIH'CKX>VET?"GA?PW/;7NH2PF'[6HAN(Q*RGD R7<:J&^8 MB(' YQ^G]>??!?X-_#GX.^&1:_#;P]I6BZ/?;;@S:;^\^U*]!H **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /A; @J5_R ?AY_P!?-[_Z!#7Y\5^@_P#P5*_Y /P_P"O MF]_] AK\^*^YRS_=8_/\SXK,O]ZE\OR"BBBO4/,"BBB@ HHHH *_63_@G_\ M\FO^'/\ KYO/_2AZ_)NOUD_X)_\ _)K_ (<_Z^;S_P!*'KQ,X_W=>]_4]K*? MX[]/U1]&4445\:?7!1110 4444 %%% 'XN?M.?\G#?$7_L.77_HPUYE7IO[M3G_)PWQ%_P"PY=?^C#7F5?H]'^%'T1^>5OXDO5A1116QD%%% !1110!UWP> M_P"2N>"/^PY8_P#I0E?N%7X>_![_)*YX(_[#EC_.E"5^X5?*YU\;?_L.6W_HN:OJNOE3_@I+_P F M\V__ &'+;_T7-7;@O]YAZG%C/]WGZ'Y=4445^@'P@4444 %%%% !1110!]T? M\$M?^0]\0_\ KVLO_0YJ_0BOSW_X): \A[XA_P#7M9?^AS5^A%?#9G_O4OE^ M2/M'_/D Z;_U[1_^@"M"L_P__P @'3?^O:/_ - %:%?F M;W/T>.R"BBBD,**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH \/^/W[%_P)/VE!$NO&GA>.368\ M!=:TYS:WNT# 5I%_UB@< .& [8KP72O^"-OP$T_4'N+B[\8:G"QR+2ZU2)8U MZ\ QP(V/JQZ5]U44 ?.OPC^(GP1^#?Q:?]F_P'I7_"_^(;*W^W26%M9OY+YA M28L]PQ)DD,;*=S$G@#/&*^B]_-71O^4VFO?]@5?_$TPU^E55 !3)H_.ADC+, M@=2NY3@C(ZCWI]% 'QO-^Q%\+OV7?V9_BQ<>&M*?4_$LGA'6!/XDU@K/?/FS MFRJL%"QKSC" 9_B+'FO/?^")_P#R;;XR_P"QMF_](6OK_\ :: Y-M^*_P#V M*6K?^D++JXU"\ MN54>8R1S/##&62[56,L!T!D?U-'_ 5S29OV,M8,88HNKV!EQT"^;CGVW%?T MKT'_(0"W$=U^Q5*WB8.HTZ5"1_>6YE5A^ !!%% 'G'_!7+X;V'C+]D74_$,M MO&V1^%-0M;ZUGVCS9269+:5 >NTB96([F-3V%/\ V8_CGJ%K_P $OX/'1N&E MUKPSX6U.&-Y&W'S;/SX[<$G_ &8X?SKNO^"E$T<'[$?Q1:5@JFTM5!;^\;V M*/Q)%?+OP2TNZMO^,'BN5 Q-W8:M<+M' +-;QT;\/W;4 ;/_!%KX964'PQ\ M;?$F[B2YU_5]7;2DO)?GE6WBCCD<;CR-\DN6]?+0GH*^H?V^/AO8?$_]D7XE MV%[;QS3:=I,VM6;LH+13VJ&=60]B0C)D=5=AT)KQS_@CK<1S?LA.B,&:'Q%> MHX_NMLA;'Y,#^-?4'[1DT=Ô^SW\3Y9F"11^%]49V;H%%I*23^% 'RS_P1T\> M7'BK]E*YT:ZF:5_#FO7-E K-G;!(D@WRK\>U?=5?G5_P1+T^2/X!^.KX M_P"]JF\3&!>/XDM8&/Z2+7Z*T %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110

4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%?+'QX_;NL/@;\2M0\(3^#[C5Y+2.&0 MW<=^L0;S(U?&TQG&-
V.M;T:-2O+EIJL,:M:%"/-4=D?4]%?"W_#TK2_^B>7G M_@U3_P"-4?\ #TK2_P#HGEY_X-4_^-5U_P!FXK^3\5_F?^#5/_C5' #TK2_^B>7G_@U3_P"-4?V;BOY/Q7^8?VAA M?Y_P?^1]TT5\+?\
#TK2_P#HGEY_X-4_^-4?\/2M+_Z)Y>?^#5/_ (U1_9N* M_D_%?YA :&%_G_! Y'W317PM_P /2M+_ .B>7G_@U3_XU1_P]*TO_HGEY_X- M4 \ C5']FXK^3\5_F']H87^?\'_D?=-%
M+:,_^\Q!U#;2V!G&>N*Z6O.DG%M,]"+4DF@HHHI#"BBB@ HHHH Y#XP?\DD\; M?]@.^ \ 2=Z_#ZOW!^,'))/&W_8#OO_$G>OP^KZK)?@GZH^8SCXX?,****^C/G@HHHH **** MJC/G@HHHH **** "OJK_
()L_P#)PUS_-@.Y \ 1D-?*M?57_!-G_DX:Y[M =S_.C(:XL;_NT_0[,'_O$/4_4:BBBOS\^\"BBB@ HHHH **** /A;_(*E M?\@'X>?]?-[_.@0U^?%?H/_,%2O^0#\//^OF]_] AK\^*^YRS_'6/S_,^ M*S+_
'J7R_(****]0\P**** "BBB@ K]9/\ @G__,FO^'/^OF_]*'K\FZ_M63_@G_\ \FO^'\ KYO/_2AZ\3./]W7JOU/:RG^._3]4?1E%%%?&GUP4444 M%%%% !1110!^+G[3G_)PWQ%_[#EU_P"C#7F5>F_M.?\
)PWQ%_[#EU_Z,->9 M5^CT?X4?1'YY6_B2]6%%%%;&04444 %%%% '7?![_DKG@C_L.6/_*4)7[A5 M^'OP>_Y*YX(_[#EC_P"E"5^X5?*YU\;?\ [#EM_P"BYJ^JZ^5/^"DO_)O-O_V'+;_T7-7;@O\ >8>I
MQ8S_'>?H?EU1117Z ?"!1110 4444 %%%% 'W1_P2U_Y#WQ#_Z]K+_T.:OT M(K\]_P#@EK_R'OB'_P!>UE_Z'-7Z$5\-F?\ O4OE^2/M' M_P#D Z;_->T?_H K0K/_(!TW_KVC_\
0!6A7YF]S]'CL@HHHI#"BBB@ M HHHH Y#XP?\DD\;?]@.^ \ 2=Z_#ZOW!^,'))/&W_8#OO_$G>OP^KZK)? M@GZH^8SCXX?,****^C/G@HHHH **** "OJK_()L_P#)PUS_-@.Y \ 1D-? M*M?
57_!-G_DX:Y[=S_.C(:XL;_NT_0[,'_O$/4_4:BBBOS\^\"BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH
**** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH
**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "OR: X*_ M\G/^(O\ KVL__2=*_66OR: X*_\G\ B+_KVL__ $G2O'Z?JCQ(>I^HU%%%?GY]X%%%%
!1110 4444 ?" MW_!4K D_#S_*^;W_T"&OSXK]!_^"I7_(!^'G_7S>_^@0U^?%?C_"CZ(_/*W\27JPHHHK8R"BBB@ HHHH Z[X/?\E<\$?]ARQ_]*$K]PJ^5SKXX>C/I\G^"?R"BBBOG#Z$**** "BBB@ K MY4_X*2_\F\V__8;?_+#EM_Z+FKMP7^\P]3BQ MG^[S]#\NJ*** 0#X0**** "BBB@ HHHH ^Z/^"6O_(>^(?\ U[67_HUG_Z
M3I7N9\/ [P_3]4>+FW\!>OZ,^=****^Q/D0HHHH **** "BBB@#]X/#_ /R M=- Z]H_ $ 5H5G^' \ D Z;_P!>T?\ Z *T* ,WN?H\=D%%%%(84444 %%% M% '(?&#_)))XV_[=]_Z3O7X?
5^X/Q@_P"22>-O^P'??^D[U^'U?59+\$_5 M'S&!1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !7Y-?\% ?^3G_ M
!%_U[6?_I.E?K+7Y-?\% ?^3G_$7_7M9_\ I.E>YD_^\T 5'BYM_7K^C/ MG2BBBOL3Y$**** "BBB@ HHHH _:+]F/_DWGX=?]@.U_]%BO3J\Q_9C_.3> M?AU_V [7 P!%BO3J_*W\67JS]"H_P
./H@HHHK$V"BBB@ HHHH Y#XP?\DD M\;?]@.^])WK\J_<'XP?\DD\;?]@.^_])WK\J^JR7X)^J/F,X^.'S"BBBO MHSYX**** "BBB@ KZJ_X)L \G#7/_8#N?_1D-?*M?57_39_P"3AKG_ + =
MS_Z,AKBQO^[3]#LP?^\0]3]1J*** /S[P**** "BBB@ HHHH ^%O^"I7_(!^ M'G_7S>_^@0U^?%?H/_P5* Y /P_Z^;W_P! AK\^*^YRS_=8 /\ ,^*S+_>I M?+\@HHHKU#S HHHH **** "OUD_X)_\
)K_(<_Z^;S_P!*'K\FZ_63_@G_M /\)K_AS_KYO\ TH>O$SC_'=>J_4]K*?X[]/U1]&4445\:?71110 444 M4 %%%% 'XN?M.?\ ) OPWQ%_[#EU_Z,->95Z;^TY_R<-\1?^PY=?\ HPUYE7Z/_M1_A1]$?
GE;^)+U84445L9!1110 4444 ==\'O^2N>"/^PY8_^E"5^X5?A[\' MO^2N>"/^PY8_^E"5^X5?*YU\.R"BBDD,**** "BB MB@#D/C!_R23QM_V [[_TG>OP^K]P?C!_R23QM_V [[_TG>OP^KZK)?@GZH^8 MSCXX?,****^C/G@HHHH **** "OJK_@FS_R<-<_]@.Y_]&0U\JU]5?\ !-G_M).&N?\ L!W/_HR&N+&_[M/T.S![Q#U/U&HHHK_/O HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@
HHKQ M;]LR>6V_9E\=2PR-%(MM#AT8@C_2(NA%:4X>TG&'=V,ZD_9PE/LKGM-%?@]_MPD&J_P#02O/^_P"_^-' D&J_\ 02O/^_[_-?1?V* P#GY^'_ 3P/[87 M_/O\?^ ?O#17X/?\)!JO_02O/^_[_P"-
'_"0:K T$KS_+_O C1_8K_Y^?A_MP0_MA?\/O\ '_@'[PT5^#W_D&J_\ 02O/^_[_-' "0:K T$KS_O^_\ MC1_8K_Y^?A_P0_MA?\^_Q_X!^\-%?@]_PD&J_P#02O/^_P"_^-' D&J_\ M02O/^_[_.-']BO_
)^?A_P0_MA?\^_Q_P" ?O#17P!_P2_U*[OM=^((N;J: MX"VUEM\V0MCYINF37W_7AXFA]6JNE>]CVL-6^L4E4M:X4445RG2%%%% !111 M0 5^37_!0'_DY_Q%_P!>UG_Z3I7ZRU37_!0'_DY_P
1?]>UG_Z3I7N9/_O# M]/U1XN;?P%ZC_HSYTHHHK[$^1"BBB@ HHHH **** /VB_9C_Y-Y^'7_8#M?\ MT6*].KS']F/_)-Y^'7_ & [7_T6*].K\XK?Q9>K/T*C_#CZ(****Q-@HHHH M **** .0^,' "23QM_V
[[_-)WK\J_<'XP?\))/&W_8#OO\TG>OP^KZ MK)?@GZH^8SCXX?,****^C/G@HHHH **** "OJK_@FS_R<-<_]@.Y_P#1D-?* MM?57_!-G_DX:Y[=S_ZAKBQO\NT_0[,'_+Q#U/U&HHHK_/O
HHHH ** M** "BBB@#X6_X*E?\@\'X>?\ 7S>_^@0U^?%?H/\ \%2O^0#\/\ KYO?_0(: M_/BONI?+\@HHHU#S HHHH **** "OUD_X)__/)K_AS_M *^;S TH>OR;K]9/^"?_/R: P"'/^OF_\
2AZ\3./]W7JOU/:RG^._3]4? M1E%%%?&GUP4444 %%%% !1110!^+G[3G_)PWQ%_[#EU_Z,->95Z;^TY_R<-\ M1?\ L.77_HPUYE7Z/1_A1]$?GE;^)+U84445L9!1110 4444 ==\'O\ DKG@ MC_L.6/\
Z4)7[A5^'OP>_P"2N>"/^PY8_P#I0E?N%7RN=?'#T9]/D_P3^044 M45\X?0A1110 4444 %?*G_!27_DWFW_[#EM_Z+FKZKKY4_X*2_\)O-O_P!A MRV_]%S5VX+_>8>IQ8S_=Y^A^75%%%?H!\
(%%%% !1110 4444 ?=' _!+7_D/?$/_*]K+_T.:OT(K\]_^"6O_(>^(?\ U[67_HT?_H K0K/\ ((!TW_KVC_P#0!6A7YF]S]'CL@HHHI#"BBB@ HHHH Y#XP?\ ))/&W_8#OO\ TG>OP^K]P?C!_P
DD\;?]@.^ M_P#2=Z_#ZOJLE^"?]CYC./CA\PHHHKZ,^>"BBB@ HHHH *^JO^";/_)PUS_V M [G_-&0U\JU]5?\$V?^3AKG_L!W/_HR&N+&_P"[3]#LP?\ O$/4_4:BBBOS M\^\"BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@
HHHH **** " MBBB@ HHHH **** "O$OVTO\ DV#QY_U[0_\ I1%7MM>)?MI?\FP>/\ KVA_M]*(JZ<-_'AZK\SGQ\&?H_R/Q\HHHK]$/S**** "BBB@ HHHH ^Z/\ @EK_M ,A[XA_]>UE_Z'-7Z$5^>_\
P2U_Y#WQ#_Z]K+_T.:OT(KX;,_\ >I?+\D?: MY;_NL?G^84445Y9Z84444 %%%% !7Y-?\% ?^3G_!%_U[6?_I.E?K+7Y-?\ M% ?^3G_$7_7M9_\ I.E>YD_^\T_5'BYM_7K^C/G2BBBOL3Y$**** "BBB@
M HHHH _:+]F/_DWGX=?]@.U_]%BO3J\Q_9C_.3>?AU_V [7 P!%BO3J_*W M\67JS]"H_P /H@HHHK$V"BBB@ HHHH Y#XP?\?]@.^_])WK\J_<'XP M?
\DD\;?]@.^_])WK\J^JR7X)^J/F,X^.'S"BBBOHSYX**** "BBB@ KZJ_X M)L_\G#7/_8#N?_1D-?*M?57_39_P"3AKG_+ =S_Z,AKBQO^[3]#LP?^\0 M]3]1J*** /S[P**** "BBB@ HHHH
^%O^"I7_(!^'G_7S>_^@0U^?%?H/_P5 M* Y /P_Z^;W_P! AK\^*^YRS_=8 /\ ,^*S+_>I?+\@HHHKU#S HHHH *** M* "OUD_X)_\ )K_(<_Z^;S_P!*'K\FZ_63_@G_/\)K_AS_KYO\ TH>O M$SC_
'=>J_4]K*?X[]/U1]&4445\:?71110 4444 %%%% 'XN?M.?\ )PWQ M% [#EU_Z,->95Z;^TY_R<-\1?^PY=?\ HPUYE7Z/1_A1]$?GE;^)+U84445L M9!1110 4444 ==\'O^2N>"/^PY8_^E"5^X5?
A[\'O^2N>"/^PY8_^E"5^X5? M*YU\.R"BBDD,**** "BBB@#D/C!_R23QM_V [[_TG>OP^KZK)?@GZH^8SCXX?,****^C/G@HHHH M**** "OJK_@FS_R<-
<_]@.Y_]&0U\JU]5?\ !-G_).&N?\ L!W/_HR&N+&_ M[M/T.S![Q#U/U&HHHK_/O HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH
**** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ KQ+]M+_DV#QY_P!>T/\ Z415 M[;7B7[:7_)L'CS_KVA_]*
(JZ<-_'AZK\SGQ\&?H_P C\?**** 1#_"BBB@ M HHHH **** /NC_@EK_R'OB'_P!>UE_Z'-7Z$5^>_P#P2U_Y#WQ#_P"O:R_]M#FK]"*^&S/\ WJ7R_)'VN6_]K'Y_F%%%%>6>F%%%% !1110
5^37_!0'_DY_MQ%_U[6?_*3I7ZRU^37_4!_P"3G_$7_7M9_P#I.E>YD_\ O#]U\NJ*** /V B_9C_Y-Y^'7_8#M?\ MT6*].K\XK?Q9>K/T*C_#CZ(****Q-@HHHH **** .0^,' M^_))/&W_ & [[_TG>OP^KJP?C!_R23QM_P!@.^_])WK\J^JR7X)^J/F,X^. M'S"BBBOHSYX**** "BBB@ KZJ_X)L_\ )PUS_P!@.Y_]&0U\JU]5?\$V?
^3A MKG_L!W/_*,AKBQO^[3]#LP?^\0]3]1J*** /S[P**** "BBB@ HHHH ^%O^ M"I7_" ?AY_U\WO_*!#7Y\5^@__ 5* P"0#\//^OF]_P#0(: /BONI?+\@HHHKU#S HHHH **** "OUD_X)_P#
": X< Z^;S_ -*' MK\FZ_63_()__P#)K_AS_KYO/_2AZ\3./]W7JOU/:RG^._3]4?1E%%%?&GUP M4444 %%%% !1110!^+G[3G_)PWQ%_P"PY=?^C#'F5>F_M.?\G#?$7_L.77_H MPUYE7Z/1_A1]$?
GE;^)+U84445L9!1110 4444 ==\'O^2N>"/\ L.6/_I0E M?N%7X>_!$_DKG@C_ +#EC_Z4)7[A5\KG7QP]&?3Y/\$_D%%%%?.T(4444 % M%%% !7RI_P %)?\ DWFW_P"PY;?^BYJ^JZ^5/^"DO_)O-O\
]ARV_P#1?H?EU1117Z ?"!1110 4444 %%%% 'W1_P $M?\ D/?$/_KV MLO\ T.:OT(K\]_\@EK_,A[XA_]>UE_Z'-7Z$5\-F?^]2^7Y(^URW_=8_/\ MPHHHKRSTPHHHH **** "OR:_X* _\G/^(O\
KVL__2=*_66OR:_X*_\G\ B+_KVL__ $G2O'Z?JCQ.R"BBD,*_M4?*BBB@#D/C!_R23QM_P!@.^_])WK\J_<'XP?\DD\;?\ &#OO_2=Z_#ZO MJLE^"?]CYC./CA\PHHHKZ,^>"BBB@ HHHH
*^JO^";/_"<-<_\ 8#N?_1D- M?*M?57_!-G_DX:Y[=S_P"C(:XL;_NT_0[,'_O$/4_4:BBOS\^\"BBB@ H HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HKX#^-/\
P4OUVZ^+=[\,/V??A\?B=XDL&D2ZU&3S)+4/&<2"..(@LBDA M3*SHN>!D$,>*E_X*8?&_X"^+-,LOVAO@M!H6B:A)M2_T.*6!E4?>,9DEECF9 M>I0.IP1R.,@'Z8T5E>%?
%.E>./#.E^(=^OHM2T;5+:.[L[N$,)+$ZAE8=^O> MAY'>M6@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **_&K]IC7-
1@_:"^(4<=_=1QKK=T%59F \P\ 9KS/_M (2#5?\ H)7G_?\ ?_&OHX9.YQ4O:;^7_!/GYYLHR<>3;S_X!^\-%?@]_P) M!JO_$$KS_O^_P#C1_PD&J_]!*\[_O_(U?]BO_)^?A P2/[87_/O\?^ ? MO#17X/?
\)!JO_02O/^_[_P"-' "0:K_T$KS_+_O_C1_8K_Y^?A_P0_MA?\ M/O\ '_@'[PT5^#W_D&J_\ 02O/^_[_.-' "0:K_T$KS_O^_\ C1_8K_Y^ M?A_P0_MA?\^_Q_X!^\-%?B9\(=>U.3XL>"D?
4;MD;6[(%6G8@CSTXZU^V=>5 MC,']3<5S7N>G@\7];3?+:P4445YQZ 4444 %%%% !7B7[:7_ ";!X_Z]H?_ M $HBKVVO$VTO^38/G_ %[0_P#I1%73AOX\/5?F<^(_@S]^1^/E%%%?HA^ M?
A1110 4444 %%%% 'W1_P $M?\ D/?$/_KVLO\ T.:OT(K\]_\@EK_,A[MXA_]>UE_Z'-7Z$5\-F?^]2^7Y(^URW_=8_/\PHHHKRSTPHHHH **** "OR:_MX*_\G/^(O\ KVL__2=*_66OR:_X*_\G\
B+_KVL__ $G2O'Z?JCQ M(>I^HU%%%?GY]X%%%% !1110 444 M4 ?" W_!4K_D_#S_*^;W_T"&OSXK]!_^"I7_(!^'G_7S>_^@0U^?%?C_"CZ(_/*W\27JPHHHK8R"BBB@ HHHH Z[X/?
\E<\$?]ARQ_]*$K MJPJ_#WX/?\E<\$?]ARQ_]*$K]PJ^5SKXX>C/I\G^"?R"BBBOG#Z$**** "BB MB@ KY4_X*2_\F\V__8;?_+#EM_Z+FKMP7^\P M]3BQG^[S]#\NJ*** 0#X0**** "BBB@ HHHH
^Z/^"6O_(>^(?\ U[67_H MUG_Z3I7N9/\ [P_3]4>+FW\!>OZ,^=****^Q/D0HHHH **** "BBB@#]X/#_ M /R =-_Z]H_ $ 5H5G^' \ D Z;_P!>T?\ Z *T* ,WN?H\=D%%%%(84444 M %%%% '(?&#_
)))XV_[=]_Z3O7X?5^X/Q@_P"22>-O^P'??^D[U^'U?59+ M\$_5'S&!1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !7E?[M5'CZ[^%_[-_Q(\4:?
T&HZ=H5U);3<&.C>;NQ^3#\ZIV_:XN([7]E M7XQO*X13X.U=_3_>:SE51^)(XT ?/O_2!\;W/BS]D*'3[]*/^@E:_\ )^(_^(H^P>*/^@E:_\ )^(_^(H ?^OV[OCQXR^
M!ND^#Y_*&H0V$FHSW*7)EMHYMP18RN-X./O'I7R#_P / ?C5_P!#%9_^"NW_M /B*_07XI? &Q^-5OIT'C.VM=9BTlG>V7[1-!Y9<_,?W6W.=HZYZ5Y[_,,! M?#3_*%FU_\
!I>__'*]S"$K"4Z2C5IWEZ(\7$X;%U*KE2J67]SX_X>_&K M_H8K/_P5V_\11_P!'-7_0Q6?_(*[?_XBOL/_(8^^&G_$+-K_X-+W_X MY1_PP%\-/^A9M?\ P:7O_P ?\/ ?MC5_T.5G_.."NW_\
B*/^'@/QJ_Z&*S_\%=O_/$5]A_\!?#3_H6;7_P:7O_M_,_P"?OXO_"/CS_AX M#\:O^ABL_P#P5V__,11_P / ?C5_P!#%9_^"NW_/B*^P_^& OAI_T+-K_X M-+W__.4?\,!?#3_*%FU_\ !I>__'*/KN7_
//K\%_F'U/'?_?O?\ D?'G M_#P'XU?]#%9_^"NW_P#B*^U/V&_C1XK^-WP]U[5?%M]%?WMIJAM8GBMTA C\ MJ-L80 'ECS6=_P_!?#3_H6;7_P:7O\ \E^#HK71[&Z MG^TS1>?
+/NDVA=V9=O'"@8!OQ7'BL3A*M)OHTI/T1U8;#8JG44JL[KU9ZS17 M_8/"_02M?^^1_\11]@\4?!!*U_[Y'_,17BGLG345S/V#Q1_T$K7_OD?_$4_=-17_8/%'_02M?
^^1_\11]@\4?]!*U_[Y'_,10 M!TU%95^L/B?]BP?R\1:CKNL:%:WFJZA.US=7'!HW:>9(QRS;5<*,GL !6 M9_PP%\-/^A9M?_!I>_\ QROK:>;4(P46GHO+_,^5]957E-R36OK_)'Y8T5^ MIW_#
7PT_P"A9M?_:7O_QRC_A@+X:?]"S:_P#@TO?_(Y5_P!L8?\ E?X? MYD?V37[K\?\(_+&BOU._P"& OAI_P!"S:_^#2]_^.4?\,!?#3_H6;7_,&E M[_\'*/[8P_\K_#_##^R:_=?C_D?EC17ZG?\,!?#3_H6;7_
,&E[_\'*/^ M& OAI_T+-K_X-+W__.4?VQA_P"5_A_F'lDU^Z_'(_-_P"W_)?!'_&'+_M'_TH2OW^KYHT?]ACX?Z'I]CJEAX>M8+ZRG2YMPJ?2O&V2(P96P7(_"<$8KW M'!IXH_Z"5K_RM\
XBO%S#*%POG<]G 86>%C)3:UI'345S/V#Q1_T$K7_M_OD?_$4?8/%'_02M?^^1_P#$5Y)ZATU%+5M=6TI9UN1;^=)#^\4$*VZ,*W1CQG'-=&'J*C5C4ELF<^(INK2E* M.[/Q@HK]3O\ A@+X:?\ 0LVO_@TO?_CE'_# 7PT_Z%FU_P#!I>__!ROJ/[8 MP_\ *_P_S/FO[)K]U^/^1^6-%?]=_P
,!?#3_H6;7_P:7O\ \ ORC_(8"^&G_$+-K_X-+W_XY1_;&'_E?X?YA_9-?NOQ_P C MQG_@EK_R'OB'_P!>UE_Z'-7Z$5XO\+?V<=+^"MQJ_W@RSM=&EU!42Y;[5//Y@0L5'[W=C&X],=:]^*?\^
H)6O_?(_^(KYS&5HXBM*I#9_Y'T,$HRP]%4Y_M;HZ:BN9^P>*/^@E:_P#?(_\ B*/L'BC_*"5K_WR/_B*XCL.FHKF?L'BC_H)M6O\ WR/_(BC[!XH_P"@E:_]\C_XB@#J[*YG[!XH_P"@E:_]\C_XBC[!XH_Z
M"5K_\C_P"(H_Z'OR:_X*_\G/^(O\ KVL__2=*_3_[!XH_Z"5K_P!\C_XB@OB!^R+X5^*7BBY\1>*-(M=3UBX5$EN?MUS#N"*%4;8V51@_#@5Z6_Q,_+5_>)I*_M$'K?]?D=17ZG?\,!?#3_*%FU_\
!I>__'*/^&_OAI_T+-K_.#2]__CE>]_;&'_E?X?YGA?V37[K\?\C\L:*_4[_A@+X:?]"S:_P#@_TO?_(Y1_P_!?#3_H6;7_P:7O\ \/^@E:_P#?(__B*/L'BC_**5K_WR/_B*_M_.FHKF?L'BC_
*"5K_WR/_B*L'BC_H)6O\ WR/_(B@"M\8/^22>-O^P'?? M^D[U^'U?M]K'AG7=?TF^TR_O+6>QO8'MKB+E=\\J59$C)33UI?\,>-C\'4O4HN#6G<_+&BOU._X8"^&_MG_0LVO\X-+W_P"_4?_#
7PT_Z%FU_\&E[_/'*]^A_/\RO_#_\O^R:_M_=?C_D?EC17ZG?_#_7PT_Z%FU_\&E[_/'*/^& OAI_T+-K_X-+W__.5U?PU_93\?"'O$VN^$M,M=)U5H&MCJCG&>*Y\1FE&M2E3BG=KR_S.C#Y96I58SDU9/S_
,CWBBN9^P>*/^@E_M:__?(_^(H^P>*/^@E:_]\C_(KY<^*E.FHKF?L'BC_H)6O_'R/_B*/L'BC_M_H)6O_?(_P#B*_FHID0=8T#G<^!N((GO3Z_"BBB@ HHHH **** "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ KC/C1\X2BY\)/&@N:185U[2;G3UF_M89$3R1LJ2?_6*M^%=@G10!^27_!-?_:GT3|E2X\"[BVU9KNVN_M-0C;RX;G:L4\$C_':"(XW5ONG+G/(SZ9_P_%OVO/_?
BKX+WWPN^&&OP>-?% M/BR2&RE;1-T\<%N9%9E#]"KR2%1&$7)P[$X(&?LXS_LD_"+]H,\BO?'O@BQ MUO48E"+]"22VMUM'13-"Z.RC/"DD>U9OP>_8G^"GP'UB/6!'G@*QL-:C'[O4
MKN6:]N(SMVEHWG=S&2,YV;>I]: */["OP*O/V=_V9?"7A35HA#K[H^HZI&^"# MLN9V+F,D<$HI2,D<$QY%>_444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110
4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444

#>IZ_KM]#IFCZ;;O=7=Y<-A(HD!9F/X"OS M4UK]N7]IS]IS7-6N/V;OAZUMX(TR9H4U:\M87GN2,'YGN'$0;&#Y2!F4,,DY M%
'Z@45^8_P7_P""]_BOP'XZ'@/]l3P?)X7OE<1MK5O926TEOD\/<6S9W(?^_M>D6!@#"-G-?I9H^L6/B#2;/4]+O(-1TV\B6>VN[602131L,JZ,.&4@@@B@"Y_M1110 4444 %%%% !1110 4444 %%%% !1110 45\\V?MI?MI:+^R;X8L((+#__M (27Q[KA,>C>'XF.7YV^=+M^81AB% W.WRKT9E^-?$7[4G[>WP]L_\ A._$_M/PZ@'A7;]HETW^Q4DB@B/),B12&YB .3(PQWH_5VBOE?\ 8W_X*"">"/VLK M?^R/+_X17QY!&7FT"ZF#B=0/FDMI,#S%'4X@,O.0D-SD^]* "BBB@ HHHH ** M** "BBB@ HHHH **** "BBDSD\"@!:*_3XO?\ !0+XJ_&#XG:M\/?V5_'*
M>*!I!*7WBB2%9HF8$KF(NRPI'D$!Y"=^#M&!D\+X:_X*6?'7]G'QM9^'?VD? MA[(^G71R-0M[(6EV$R,R1%3Y%PJY^ZNTYZMGB@#]5:*YCX;?$SPQ\7O!NG>* MO"&L6^N:%?
IOANK<]^Z,IY1P>"K $'@BNGH **** "BBB@ HHHH **** "BB MB@ HHHH ***\G_:9_:2* LM_#"[\8^)W>?YQ:V&F0,!/?W!!*Q)GH, EF/" MJ">>
0#UBBORHNOVJ/V[O'NDK\0O"OPU33O!&1X[^)GW;V<1-/;V#8R8PBD;I%'+_Q"1\!LG<% /N6 MBOR=O_V[OVN?V7=;M+OXW?#R+5/#-U*%>]1[..W Z_)%=VQ:)7X)VN&) _&OT
M/_9W ;3\# _M.^!8 $W@O4O/1-L=[IUQA+NPE(SYIT44 M4 %%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%>-?M7?M.>'_V4/A/ M<^,M/?#GF7&DL^%%VC >9:LQZ;]E2> RCH&8UY%_P3M _;]/BY;?X-_%NY;
M2/B#I3G3\/O]2_=-']EG9]FFW8VW*D;>>9.?W\[@"?\ X*_\$ZX?B#'=_%3 MX16AT7XB6!^W7>FZ;^Y&J,IW&6+;C9= C((QO(_O&HE^U,P"'4;;(07.WLZMA9 !C+*>-^!GU^6/B#PW;?"G_@LQX:C
M\%[8E\1O?:-5L;;A$:>UG-P&]?+$Y_VFS0!^IU%%% !1110 4444 %%%% ! M1110 4444 %(-/=DUGQ5=1I):V3(V] F_]V%0_*TCAMS95%)P3]Q> M"X]?A\(Z,GBN6PG)2K:1C4I=+5UM7N-
H\PO! F"%LXSSB@#\] \ @B=]OAR; MX3_$&RB\K_A,UUQ;B_9O]?)9M"@@.>]42+<_0L?45]^_$3X<>&?TSOX6_" B
M[1K77="ODV36=TF1[.IZHXZAE(8'D$&ORP :B^&/C;_@G3^TRGQS^&5K]H\ M:]6$I_N;":&3%.G8CL>C#D$B@#\O/&W@SX@?\$E?V@+'Q3X9N+OQ'\(?$ M.XAEAF(VW$8))M9\<+<1J6:.7 W
'C'F(/UR^`_CS1?B?X)T3Q9X=NUOM$UB MUCO+2<#!*,,X([.#D%3R""#TKS_]KSP#H'Q(_9I^(VC^)$B&G+HMU>K<2\?9 MIH(VEBF![%'13[@$'@D5\X_\$:M9U34OV3=1M;XNUGIWB:
[MM/+=%A,-O*R@ M>GFRRG/JQ]* /NZBBB@ HHHH **** "BBB@ HHHH ***\^.7QX\& LZ^ ;O MQ=XVU0:?ID)\N*&.;[B[F(6&%,C>YP>. "20 2 #T&OS0_X+5W5U!H?P9% MU'/-
X4_M>\DU**,D*\BK!Y8X.-WEFYQWY..]5'_X+516_B"UNKGX.:I!X(N9 M?+CU-M3Q M@ZQL)^RW:;@CLO4$'(%O4!!%X- 'MO@^ ^^T75/">C7GAM[63P]/90R:';3P'^TS\!?
B'X9VV_C;^OA'+'!Q);.6XMS;N0.IS,T>3U"J,0O'ZE4 %%% M% !1110 4444 %%%% !1110 445\?_M7_P#!2SP#^S/XC;PE8:9<^/?&T>!/ MI.G3K##:$_=2;?:V)#D?(J,1WVY&0#[K\N?^"?FI6.?
_!0W]H2V\6*/^$YN M+O4/I/DN_OB-;UO.2,GU3R2,?P(=<9KT+X(_\%COAUX_\11Z-%\>7OPVEFD M\N*_DNQ?V2G.,2R"-X^>^PJ.I(%<1_P4_9Z\1^#?'&C?M4_!JY(O[%8 K5 MY=.VR:0J;8[Y0,B2-
H\1R#D%<,05+D 'Z8:KI5EKNFW6G:E9P:AI]U&T,]K= M1K)%*C#**RL"&!'4&OR: :V_91\3_L&_$BR^/GP+FFMO"UO<@ZAI66=-/#L M8G&?ND?A!(H \ M[_9E ;&T#]l[X0Z3XYT
&W$^;>^T^1@SV5V@'F0L>^,A@>,JRG S@>]U^8?_ M 2(CE*?%[]H+P7I5V^H>$]+OXUMIRVY2T=Q4 %%% M% !1110 4444 %%%% !1110 45B^,O&6A_ #WPOJ/B/Q+]EKHNAZ=$9KJ^O)
MD<2CCD]R20 !R20 "2!7O!J/_!9WX)V?B@:?;Z)XNOM)#F-M8BLH%0\X#K&T MP^'+[]CWX5/X82".Q31(8KE:< #[:HVW9:\1G$I.>N1@5/49CD1NQ 9&7H"*_+:X._%?OM_P $K?V@-2^& MWQ
BN=5^%>L7/VB*\AC)4QDA4O[X/\<9/WHR<,/1@&'P!^R#\1\?+&@9=V.264#KD5OV.?VT/ M"_[77@8W-KY>D>,M.C4:QH#29:(1/.BSR\+'H>]D[6YP6 /D7O]JVFZ=_P % MH]#?QR5_LK[+:P:"]
[S%',]AB#:#P,W32A<=)&!Z\U^HG7@\BOB7_@IA^QE? M?M">#[']QUX*C8?$7PK"QAA@^674;4-YGDJPY$J-N>/'4LZ]6!%3__()Y_P#! M0.S^/VCV_@'Q_>1:=\4=/3RDDN,1+K**/OH.
)P!\\8ZX+*,;@@!YK^WS_P3 MWN-%O)OC=\"XI- \3:3;)_:6HZ+I/[HL4^8W5H%^Y*N"S1CAADK\V0_T;^P^ MV1:_M:?"]VU(1VGCS01'!K5K& J3;@=EU&.R/M;* P +!ATVD_4=?EC\/#= MK\'?
^"P_C+PMX,*P^'=1M+F2\M+?B.!9K.\:/ X 6XV@ ?=!]J /U.HHHH M **** "BBB@ HHHH **** "BBDSCD\"@!:\M _:HFU:#]FGX]2:$TB:NGAC46.MMVASY@86S\ICG=C.,=\5\C>.?VV?
BW^T9\:KGX=?LM::]\VEZ),O]K^-=5B$ MEH<-@X+ JL)(900K228)0 +D_?NGPW5QHMM#K*6LU[):JEZENI-NTA4"0*&Y MV$YP&YQUH ^'?^".&I>&+G]EN]L](6!/$5KK4YUM5QYK.P!@=N^TO
O;/C MG-?77Q@^#/A#X\>![WPGXUT>6@-(NAD!QB6"3!"RO/U1USPPJ<@D'\K_B?X M3\9?#\$I_VG$\=^$:;:75_A%XHG:.2OR1&8BO=K*0[98#E@+K*0[98#U4=_W@K]3O@U M\;/"/O\\!V?B
%ZM']ND70P/\ M@D?^T=%9ZC->>)?@SXGD.9$&!<1 @>15SM2[A!&1P'4]@P*?K_X?U_3_!5H M.G:UI-W'?Z7]%O'=VMU"6YNP5Z'ISL!*H:LZ/ P %IK:+O5I__"2_"+4M M#\'\'7[PZI'}EN!%G!E6-
H4649ZA7&/4D<_4'[67[/OAW]NC\G2UCT'4[62\ M>)-:\,.VO.1=H\]K'&1'(K;6[@[6P2F* /H^SF@N+2"6U>.6UD16BDA(*,A& M5*D<$8QC%?%W[>__3PT:]I'2;OQ?X.MK;1/BA:IO$B8BAU@*.
(YST$N!A9 M3[*WRX*>+ \ !/]WlN"_^%NN'lGKXY._A_5=%F_LS2-3U(A! 5.!9SN3@#IY4 MF=I!"YQL) 3^@#X_P"'9W[9FM?$3^T/@O\ $^2>+XB>&UDCM+C4,K<7L,)V
M20S;N3/$1R>K*"3RC.?O^ORQ ;2\-VWPW_X*<_ OQ-X0VV B'Q'>;:^I6MOP MTI-W]F>1L=!) 60GTC8GO7ZG4 %%%% !1110 4444 %%%% !1110 445\3_M M.?\ !4WP%\!?&-QX.\.:'=_$?
Q59R&*]@T^Y6WM;:09#1&;8Y:0=U5"!R"00 M0 #[8K\N_P#@D+K%@WQ?^.UGXG*?\+0N;Q9[B2YYGDC>8704GD8G:,OZEH\ MYV\>I_L_?\%>OAC\6-
;M]$\9:5<_#34KF01P7%Y=+=Z>S$X"O^B,-S8WL0EBF0]0RG@U^1O[0OP#\; \ M!,GXO6'Q?^$=S<7^PZO+@075C.L.ENKMDV5SSEX6Q^[E/S*0 3O"LWZ*_LG_M +6W@[]K'X?
O:UH$Z6>NVR*NKZ!,X,lC*1S_+\1,=L@&".#A@RCTSXD^!]# M^)G@'O!X5\2P)&#=BH/:@#(^[OQET#X__KT M#OWX:D9M-U;#>89"/,MI02LD+X_B1PRGL<9'!!KO*_-;_@B7JFHGX?\ O3T9
MIC<:'9;S;36@R$:62)UE*@]L&# ?O%?I30 4444 %%%% !1110 4444 %%% M% !16%XY\;:-\-_!VL^*?$-XNZG]I%K)>7ERREMD:#(] Y)[#DD@"O-OV9/ MVL/ ?[5WA.ZUGP;=3Q7%E*8KW2-
058[RUR3L9T5F&UP,JRD@\C.5(![-7Q; M_P %!O&?Q[^#&H^$_BG\+V/4? ?AQ6;Q!X;6#<9'MPW7K@89G_NPKN&YB.X MR2!0!Y3XK_X*]_"G2_V<[;XAZ3.+_P
47P:UMO!KR@7<5XJ@LLV/NPKN!\!T# M# @#YCM'I7[#'B/XV>,_A'-XC^-:VL&I:O>-><Z19I:BWN+>S<95)44 *_%:C9*NV+4M)F8&XTZ?&3'(!UIY*N M.&'(Y! /6Z*** "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** "BBB@ HHHH MH **\& ;X ;"\(?LC^"X=3UQ7U;Q!]&Y-)\/VL@6\88RO)!\N-\3? 7 M%2;M2?
:6XT[QE9Z='/K^EZ4,2/=VVZ&XO+= .69XG,D,,&) .2& 8+Q9X; ML_&7A76?#^H)OL-5LIK"X7UCEC9"Y,;^%/^"0OB.]T7P+\3_A-K$F=7\#^) M9$:-N-B2[HV4#T$MM,?]]
']/["/[=VA_M9>%1IFIFWT?XD:,"#],E*=]72# M -S;@G)0G&Y>2A.#D%6/F_[4W[%WPS_;FCU;QM\)?%>BVOQ$TJY:QO;[3YA) M9WD\?_+*Z\O)20<;9E!.,9##:5^)?VU]%\+>./VK=<;]FK3-
8OM9L[*ZNO$< M_A<.;7SE5A? MQ<\:?9[36-2LDU!H5_A87<(XD_>B5-.C?&\;U^5I& 5?E&U%7:N037VC10 4444 %%%% !1110 M4444 %%%%
!7! 'SQ%]7@_X%_$77M'_Y"VE^'-1O;3G&)H[:1T/ _THKY3^ M)G_!13Q#XA^-R?##]GKP GQ3U:PN -7U.29DLD17 E6.0$*H&2OGNP0-C"N, M9^V[BRBUS1Y;/4[2-X+W,5S:2$.A5UPZ'U&"1[T ?
#/_!&WPSH=A^S#]>O6 M4<?\ !*;XN?$SP"EI M+]OA'O)93W?AVZ<+N^VO\ @FK^S'H_PO\ @SI' MQ%U:"'5OB)XTMQJIYK5QB6>*"?\ >1PHYY7*E6?NSL0$KS70=.2SU"?
[787[L=OD,Q1&BD)QM#@#&X<,&V'O^1?$O_ M ()?&O]E'XC3>/?V8M=0-0TN3)?1Q?5? M^"MW[,WACQ!%[_XP6%I#I7C+PW+;?;;VW C:_MY)TA"28^\Z-(C*QY !7G(MQ],_L3_$;5_BQ^RK\-
_%&0ZR7.L7>F>5=7$IR\[PR/"96/=G\O<3W+&&@#5XU M33?VV?VW=-A\ >,= M_AAX'GD1=9U%]/-CY\;L&^9'D;67ID)'M0D#<0.;_1 M_P""?P=\/? /X8:%X%\+P-%LE0[!)*099Y&):260]W=BS'L,X&
*[FB@ H MHHH **** "BBB@ HHHH ***\\^._QX\(_LY_#N_\9>,[_P"R:;;XCB@B :>[MF.=L,*9&YS@^@ !)( ) !Z'7Y??'4;7^T5_P5=\-?#/X@RD^"?#-HALM'NG MM[^X:T%WC'0^8[(K
_>6'9WKZ6_8Q :B^*/[3F]:YKNO_"Z/P?\ #.:'S?#^ ML/<-Y]PP<*496QYH(+-YB*] H5^8G(Y_]N3_ ()[Q_M/:Y!7C?P?KT7@_P"(MNFHL(O9 ZPW:(VZ(N\?SQR1G.V103C (X4@
]N :B\"^&/$W[,OQ!T76]-LV MT*T(V7<\431*]6A@MW>*2, 80QE05(Z;?2OCK_@G#^T\,?@;^R#HMC\0/B' MHVBWDNINT]MILMSYMV% 9<#,,89U!<2,.G,17SC^V"\"_VDO@A\&4U/X[_'
M.;Q+I6H:A'I5OH.GZW?W0O&=`8^8)4C!4+&W4-U'K7V?*O^"1OP+\-^$]/C M\7:-J?BS7WM8S>SWFK30QI.5'F");=HP%#9V[MQQU)ZT =!\39>)-(823VA.66&YB.&,1.3L::1R5(R<_)@RS_;J_8Q
M4^#=#\.\0 "L),6G?N#]MI&O0&)D=)H5_V)-JCLO.34G^$+?L%?\%) AEHG M@#6+V3PQXRDM8GL)Y/,D2UN;AK>2"7 ^=$91(K$9&T9)*DGJ?* /SW_9G_8] M^<7O4^-UE\>OVEKE7\0:=L?0?
#",F+1D):)W6,E8UC)++&"6+G,+WX>_!OQYXITZ-9M0T/0;_4[M:-ER&EAMWD0$=QE17PU_P1V^&OAO5OAGXG^*M^J:W\0M1URYLKG5;P^;<6\8 M2.0J&:)5I#*SLW5LJ#TKUG_@G?\
M17/[7_P)U>R\:?9;_Q1HTG]EZPJQJBW MMO+&?+F9%P%+@2HP S&Q .!\8_#OQEKO\ P2D_:TUSPEXEAN]0^$WB=UDB MNE!:-MO(ANT'>6(,R2(.2,G! =T ?
H7^U3^Q+\,_VJ_#UQ\K>GQ:1XK5/%EX MHL85%W"P'RB3IYT?JC'IG;5-/? O[-_[0'CK_@GG\8)/@7\;E:Z^'=Y)MM;V M0F6"SCE) N;=F'S6KDGS(\?*=QP&#]WZU^':?$6E^+M"L-:T34+?5=)OX5N+6
M]M)!)%-&PR&5AP0:^;/^"D'[/.D?'3]FGO?S6\2>)/"5E/K>E7OX'3RD\R> M'\ =DC0KCIN"^&@#YT_:5_X)E^(?#OC2/XK?LQ:N=!UD2&\ L&UO1:[6;D MM939"!&!.87(3!(!VD)7, \ "OO^"@?
O>T"7X=2^#!X^*9M/73Y?* M8;78SE_+'/,";^3MYQ7U%_P2U^)FI_$O]C[PV=7E>YN!]NI]#6XD.6DAB*M M#G_=CD2/Z(*^MZ /!_V./V3]$_9'^%2>&[&X&J:Y?2"[UG5]FW[5/C "C^&-
M!\]CZD\L:]XHHH **** "BB@ HHHH **** "BL[Q#XATSPGH=_K,M7]OI>D MV$+7%U>74@CBAC499F8\ 5^4/Q0_P""NWBN3X\:5K/@G39$^#&DWRV-ZEQ9 M R:NK??D.A&87V*S1("#\N7!R5
!Z)^WXWB']J7]KSX/-+YYR6(/0@CBO7['P]X6\2:WI7CNUT[3[[5VT[R+'75A4SFSF* MR:%DOG8V%;'N?4YZ2@#\LO\ @GG+X@_97 ;1^(GL>M7S7FC7:27>GF0X#RQ
MHLL,Z+T4RVK$N!WC49^2OOS]HG]G#P7^T[VQ"GC.Q:6(-YMG]%OA;]QFQ@ M21.0<'L000PX(-?%?[0MNGAO_@L+\$[^VQ#)]6BPM,^.!F;^T+#<7LY!*P0J3\SG]!@ 22 "0 ?
MFAI/P" ;"_8$\07MM\+=_P 1O EQ*72UMH1=V\A.<%[,L)89.FXQ'!P,NV,5 MW/A/]F/X_P#[=7Q&T+Q/^TI OA'X?Z&_G6WA6V3[,UVQ(+((@[/&&P TDC;\ M#:H&=P^[_P!F_P".5K^T;\']#\?
66B:AX>@U./BQU)?G4HY0LC8 D0D95QU' M8'(!IM $=O:Q6=O%!!&L,$2A(XXQA54# '8 5)110 4444 %%%% !1110 4 M444 %%?/7[9/[9/A?]D;P&;Z^,>]^+=01ET:0%?#SN./-DQRD*GJW?H.>G@?
M_!-?]N'QK\>/%WC'X??%)XO^$KLU;5-/D-H+23R?,Q-:M& /67C*\;MI:). MW-`0?\ !7OX+/V5T\2VD9^W>$=8MM1\U/O+#(3 X'MNEB8_[E?*WQ:_9 MV\2?#?POX(:V_9WDDTV"\TRWUG6M$TY#)
N=L\1/WH&/\753\K=BOMS>TQ^PKX(:\AE^+_[/OBS2;/Q M>MT[3S:;N>.?'>J#Q)\6O%!9!3U#S#(MJCN)'A5SS([. SOP"0H PN6^N** "BB@ MHHHH **** "BB@ HHI&8*I). .230 M>'?
MO^(M3* LD_%74M(D:&_30YH MDE0X9%DQ&[ ]B$=B#V(KXH_;2 X*F:]I/C1_#?P(FAN]\-S+<:[XE^R+=V] MQMD6/R4R"!!O=4:7@LS*$8##/]W?#?Q=X<_;Z_9JT[5Y[97T+QGHKV]_9JV[
MRF=6AN(0WJCB10?50:./%_\ @E#X9T+0_P!C#PK?Z5%"-0U>ZOKK5)H\:Y+A M:J2)0_?Y8HX@!Z<]ZYO]IS_@JAX5^#/C>X\$>!O#E<_Q*\4V&GWWPE^(OA1?#NJZU%Y";3?W'V MBUOV
)Q#.%0QS*5W*" 00-K$BO#/%7[#_P"T1^Q/\0KOQ9^SGK-YXH\,W)S+ MIJM&UP(P=([FV"(9)&EE?(0)6,'#'HHK],AK\.]#^$O@/0 !_AJT^Q:'H]LMK:PEMS;1 MU9F[LQ)8GN2372T4 %%%% !1110
4444 %%%% !117FG[0?[0?A#]FGX^1:O?N[6RB(-Q?3D$K#"]/+''7HH!)( )H]+K\N--M]%_:>_P""M/B? M1?B1MN]%\'64T?A_P_]!#07$MN(?EV'APQDGN<=P@SE5O4_[^\ P4I\>_%# M]]-
/#/Q%M8=,*>-59O#M]IF$0T^0;O)5)2 TR2;&0LVEZ5)?V$K(-UO=1C,+1G^$EL(<=58CD%>_M)?L1_M:?"7X)_L=?#/1/'OQ)T33M=BM;IY+$?!N;B"-[R=X5DCB#,A\MX^&_MXKX_ :Z^
/[1/P\T/P9HGQ1^-.GB^;Q=K*Z58:#:ZQ>W-N_W:D>G:[Q# M&T_?SD5]U^$/^"2['/AW119ZIH6K>*;PIM;4-1U>>*3=C[RK;M&@YZ]??- M_$/[1W[+'PC_"BG@L>+_GBC2??^$MLU-
O;>)=*=9HY2HR+>\1?F(QT)PZ9 M!&1\[^;?!?B+]OC]ERV3P/;>$)/'VD6X^SZ?=7-K_:L,48X4QW$4BNJ=,+,? ME V@#%0?!?X?7O[$O\ P5 TKX:^$M9NM3\(^*+;$MI.^ZOVTD$LD:RA1@R1
M21DA\[,]-YK]<: /@_]C_\ 8R\?R_%^Y^/W[0>HKJ?O'F4C3-'5T=--!39O M?RSY894)5(TRJ EB2Q&W[PHHH **** "BBOD?]H3 @IU M\'/Y?
O$]QX:FGU+QAX@M6V75KX=CBECM7SRDDKR*H<8Y5=0!X.#G !ZU^UYX MZU;X:_LR?$KQ+H4CPZQ8:+.UK/']Z&1AL$H]TW:A_NU\Y \ !(SX3^$M# 9K
ML?']I;07GC+Q%=7BZGJ4@#W$*Q7#QI;ACRJE460C^(R9.<+CV:X-_M&?"K]O M#X6^*=(T*XNGMKJSET[6=#U*-8;VWBG1DR0&92&&[#HS#([$8KX"_9I^+/B' M_@F3^T5KWPA^*
(E;X>ZYH;XX_9! .:\6? MLO?$RY_9G_:&@\SPW.1NGW6ID30V:R?*B%V&)+.4')X3." NX+^KUAJ%MJ MMC:WME07F,-+:,X6>!CW7#>8/1DP,:R >*?'C _@FG\00@G\0O^%F_LNZS
M2!7)/WBR1]2>[$U]#T >2_LO?LX^'_V6_A'IO@C0 M7:[:-C=:AJ4B!7OKMP \I&3M&%557)PIJ,D@D^M444 %%%% !1110 4444 % M%% !17-?$3XD>&/A+X1OO%'C#6K70-!LEW3WEVQ"C/15
!9V/0*H+$\ &OC MVT_X+'? .X\2#3)(%MK9&39_;4VE1FU"_W]]S&;;_VRS[4 ;G_!6CQR_A/] MCW5=+@+?:O$"JV6CQG(+YS<, /=;W=I!]%K-:W4,=S;3(T"""00:
/$_P!DO]K3PE^UI\$UW0G6PURT"OZQH,L@::QF(_# M?&V"4D P0"#A@RCN_'P3\ %/7/#6L>?#*%AKVI>&[DW>E7%XA8VTAQD@9P MPR%.ULC*J<94$?F=^U5^RKXT_80^)R?'OX"/-
#X4CD+ZIHZ!!L9@7BD3/[MRS& P#@J])\-4_9SN/B7?W@L=:LPMK<^$!*K7QOBI*Q1C^* M-L$B7&T*#G#]#[#FACN(9(I8UEBD4]\@%64C!!!ZBO, @O^S5\.?V?:GQ M)/X#\-
P:#+X@NOM=\8F9LD9VQIN)V1J68]BX W' JK^RU\:-6 :"^">@^.=9 M)W/@R[U.RZ?<2>8'C#$)-&Q528W7##*CVR,;?6: "BBB@ HHHH **** "BB M@B@ HHHH **** "BB@ HHHH *** M* "BBB@ HHHH **** "BB@ HHHH **** /S+^%VDVW[1' !6?XC7?C:);^W M\ V4G]AZ9] P!G?P7+XG\=:W'I M&G!0+ACVF2>ZDQQ'#&/F=OIP!R2
":_ _P#:6T_7 P!BC]MOPW^T9H6G/?\ MA+Q$RV^K6\1*]TWE>5/ QZ R1*LJ$]71CCY>=7X2^&-_P""FWI6'BKXC^*1 M/]P;\#-'IV@:)<;HX[V1LD-(O'#;3*X."=T*'*]10!ZGX"_X+$?!'QAXKBT M?
4;+O)X4M;B41PZMJUK";89. 93%*[1CIS@9.2 ,U\] M'_+/WQOT]K3Q M?_PI&*Y X1#S649DU_36W620N(Y+EI;A,B(%E=]PY=)BJ;BO%?:G[2'[?P MJ^.GPVN$]TPEHGA'O!;P-
_9&L:-81VC6TH!**XB5=\1/5#G@DKAL&O"O^". MOQ:\1>((A[XY^&?B.26:3P>0K9&9MS0PS&8-;Y[JDD#D>GF8' !].?LE _MLE^$OV2_AXFA:$BW^N78636>EC"S7TP'X[UR0D8.
"23/S$>^,;FW>UT4 %%%% !111 M0 4444 %%%% !1110 5_P#[?7Q U;X8_L?_!,\0:'+);ZI'81V<4\)(>(7 M-Q%;-(I'(95F9@1T(S7T!7! ';X4V?QP^#OB[P)?.(8=$?\$P?A9H'P]_9'\
(ZKI5K%_:OB:)M3U2^"CS)Y#(ZHA/]V- M%"] =QZL&+V74?%?B6W:;=Z?H$<<@LV_NS2.Z]&] M44LP[@5\$?"]N#Q?;^QS\"_BC\"Q$UA/I_COP^\]MX;N I86TTTH$RD],)YC MW.38PV2.A7/W+^ ^Q?
^P5X*^GPMTW5/"AK3O%?Q%UR%;_5[[7K5+MI[:0;C; MQ^8&V[&?B!^T9_P2QUB?P_XDT!_'WPD,Q:VG5I/L M2AFZP7 5C:NQ/,4BD$[B <[SL?\ !!C]FRR 9\:>" CW\'43PBW]KK;W&FV
M2A;:WN]CR(\2#A8Y$25'C'R8X PQ%?J;\/?%B>/? /AKQ-%";>+6M,MM26$G M)031+(%_#=B@#\NO&GQH^,'_53DTSX?>"?!4_@'X8+[M'&2>Y)-=%10 4444 %%%% !1110 4444 %%%% !7YG?
MHV\?QT_X*1?!/X1^ M)\MX([L5-0DL9#B,ZD?SI9 WJ'%M%%Z_>P1FOTQK\YO^'K7PD\2>&I8\!_M% M^!T8:UX+FB@U%XP6*0K-YEM*5'5%D>1'1*N> : /O:QAXQ_":P7>:[X@U
M&R\,>&M)@#2W$V(X8(U "JJ@=>BJBC)) (%?%C?\%FO@BOBIM._L?Q:VE" M3RQK(L8?*//W_+\[S-G?[N[_&:\7U3XI2?\%7/CK\,O =BU]H'PUT+25U_Q M58JY5FNPP22)6QA@"T<<;=A)
(^_+7W7XN_8A^""C#X6I(PHFC$;1S]N3L\VW<%ER>50=]_0/3OV;/A-I'BK_A)K M'X:>$[3O)/.74H=%MUF63.?,5@GROG^(<^] 'R)^OY\ /B#\;/CI\ M_ &
M^Q_LO4Y(MGA7PW(A4V<)4]DA1N454=MBM\S,[2$ [2WZ!T44 %%%% !1110 M4444 %%%% !1110!_M]?MR2?L\6MGX!\"6DFM_%OQ#@]V%O' 9A8I(O1)2 MF#YDK,"(XQG)&6X
5\S]@W)V3X.S2?%+XI2'Q#\7]9+W+R7DGVC^RO.R7 < MD[[ALG?)GC)53C'M.O?$FDH\5AJT]HCW5JK@AEC MD(W*#D\)SZFNAH _*#X9R?\,2_\%3M9\)/ _*%X)^(+[+13\L:K=MYEMM'^
MQ%/BQHZO#JWA&^6UN[B'Y76VG=?+D+#IY.HF7[3]=BHOHUZ1W<9,=PF.P$B/CU!![T ?F!X?\8_M# M?\$!?$USHFL:.WCCX37%P7ADS)]ADR?OPS ,:25L -&X()R=K MM444 %%%% !1110
4444 %%%% !5;4M2M='TV[O[V=+:RM8GGGFD.%CC52S. M?8 $_A5FFNJR*RLH96&"K#((]* /R@^(WQ&\??\ !57XO\ &X>/=>&O@?H
M=PLF]:S+&RBZPWRRRKQN8X/E0>V]\8^3Z5 ;H_8I*6_[">N?#OP)HJ6K^&8 M?[>TW@//:F?5E P /JWP7X\,_#?29-+*:!OAS39)W MN7M-+M4MXFE;K?@N;^QY@Q^8VN-UJ_TV9C'_7
U]H5^2O[/-)3\'M\L82<^=8%?4HY:V^K/7ZU4 ?E?_,%%/B=IWP9_X*&_!CQQ]\.] MQINAZ#!>3PVRAI7475Y\]@D#<(O&]A> M7-
]X>;$<=K<>5'>0[MWV>X&TEH]V3\I5N3\V"17MMC8VVF65O9V=0%;6EO&L M,-O @2,-%&%55' ' H +&QMM.LK>SL[>*TM+>-88;>! D<:*,*]J. M . !4]%% !1110 4444 %%%% !1110
5X!^V5^UYX?_9#^&R:U]$!U3Q'] M9D@T31QD"YF4 LSM_#&F]2QZ_ .37O]<[XQ^'?A;XAQ:?%XH\.Z7XACT^Z6 M]M%U.T2<6\Z_=D3<#M8>HH _/S\C;IC:Q1\; '@_:) :)$FJZW]#K=Z)X=OD
MPD:#F*66(\(BC'EP]N&;FN'_ &ZK6X_9! ;Z^'?QVTR%X]#U]U?4UA4X=XU% MO>)@<9>WDC89ZON/45^KM?*W_!2[X(_\+R_91\3"TM _UOPUCQ!8[1ECY*MY MR#N=T+2X'=@M
'U%97L&I6<%W:S)<6MQ&LL4T:!E=&&58$=000:_(/XF_LD_M'K3_-J#XG?"[X=0WNA_#GXF7ZZO?:U&A%@MCODD:-Y0/EV-/(AA!#. HY5L MG[!_X)8 '(?&#]EC2-*O+CS=<\'2?
V'#0#XTS6_$&5E^?-I&2&>*V3&(D9U#%>>0 ,* H]JHH **** "BBB@ MHHHH **** "BB@ K\SOVP/VIO&O[4'O0N?V:_@#%-(SRR6?B7Q"A:)-J-LG MBWXS';HN:-X>TS2M9UMUEU._L[1(IK
MUESM:5U +D9/)]3ZT ?/GPP_X) > OAC^S/XG^%=M&E]]'BC37M]9\0SO 37 M-P5/ER -[4B?#&#@8R)2UMK&@7LFHVEK(? MPIJX@O(OHL@B8#UD*6ZU!8QO4GX M%OQ]* =SY;I- OR]J
/O#]KS]C_PE^USX#72=:_XE?B&P#OI&OPQAI;.0CE6 M'&^)B!N3(S@$$$ U^?'@C]H3]HC_ (JG7(\ PA/Q)\)3>-?AS _E:=>>>)OBU_P5D\4>'M#M?"EQ\.?@AI5VE[.H32-(;IP,';(559I I8(B+A"Y9R?
MEQ^J.AZ+8^&M%T_2-,MTL]-T^WCM+6WC^[%%&H5$'L%'X5>HH **** "BB M@ HHHH **** "BB@#SSX^?'+PU^SG\+]7\<^*1)1IMB J06Z;L;F9CB.%!T MW,>,G ')) %?G9\#?
@:XZ_X*4_%:/XS_!GCFTSX66,K)H7AN-V6.Z0-_JH^ MA\K'F3<-(PVK@#Y/T^\0'E+@]#\>^'KS0?$FD66NZ+>*%N-/U"!9H90"&&Y&! M!P0"/0@$=*OZ=IUIH^GVUA86T-E8VL2PP6XD&<CBC4
*BJ. H ' H _-7 M_@KO\'9/".B_#/XQ>#;9-)O?"-U#I+-8Q!%M85;S;)U4#"K%(C]L.V95%??/P M+^*EC\;_(/^$?'6G;5M!"?AQ\3_"\,EP? &IS7-T ML2ES LI@9+@KW1'ME!/;S >F2,J+_@M-
X#N/AW;S0>"/$%$\09H1&-%C6/[$ M;HC Q/OWF,G'2,MSC'>OT9FACN(9(I8UEBD4]\;@%64C!!!ZBO/?#'[./P]\ M%>)#XAT#X;^%=&US=O74+'1[>*:-NY1E0%">^W&>] 'RW^PY^R_XUO\ XE:W
M^T:\;XFC^).OI0[+TF0:?[*MG0)EDY*/Y>(EC)RB9W99B%^Z:** "BBB@ HH MHH **** "BBB@ HHHH ^5_\@I7\=M6^ ?[+.L:EX2'NY-/U_7+R'0K*]BR'M MVE5WD=2/NL(8I=K=F((Y%9_[#_[&?
PR^&GP()+ZK<>']\5>)/$FEV^I:EK6 MIVJ732&>,2>5'O!VQ*"'X7&[;N;D\>O?M2_L\:1^U!\&=9\"ZM.;&2X*W-AJ M"IO-G=IGEN=N1N'+*PRJS@!RS[^'_,&_^"@?P!TI? /@NZL+[PI:,T=E M?
O>;9<06ZDGF/[3B95[!"A [#K0!T/PK^&FC_L_ /!6S5M\'%(FB>$;KP]- MJ%_8HX6WM(I+=9&3D_+&)UC8#^'< .!7U1^T]\&?A%^W#X.G\(-XJT.Z\4Z<
M'ETS4M)OH+F[TV8CG,:OEHVV@.AP"!U# ,/SJ_9=_$W MXB7P&GZBFDW=]801RR:G+'&,A)/E1$15@QA&!##A<<]M^UO_,$QK#]F/X9S M_%;X3^-?
$2ZAX7DBN[F'4IH_M"KYBKYUO-"D>QD+!B"#D9(8$8(!B^!_CI^T M#_P2]UP^"?B!X;D\8_#;S2+"0S/]F"DDEK*ZVD)GQ@D7@\[4W%CU'Q5_;_^_M(O\ P4BTV+X._!WP!>Z%H^I2O-
X@UF_G\Q8H%<,%D=5VQ194,>2[[0]CJ&^] M/V-_BM>?M$?LL^!O%WB2."\U+4K22#4 T8V3303R0.Y3&!O,6_&!NXXKV;2 M=&T_0;,6FF6-MIUJIR(+2%8D!]=J@#L*_.0^!?
PCTOX#_"/PMX!T9VFL=#LU MM_/==K3R$EY92,G!>1G?';=BN[HHH **** "BB@ HHHH **** "BL+QKXY\M/?#*?PW>>(/%.LV6@:)9KNGOM0F6*).P&3U)/ Y)(!->(?#5_@H5\ ?BAXU
MA*:#X_MWUBXE\FU6]L[BTBNGZ!8Y98U0L3@!206)&T&@#Y- :DMIOVNO^"D M?A7X#^(M0GLOA]X;MUO;FPMY3&;R4V?VN1L]V96CBR.442%<$G\0-V,N_85^ MWC+P6/#%S\/#]A9)%Y<-
UI=DEK>0\<,MP@$A.>3N8AC]X-7QU_P4U^'?BOX M$_'?P1^U#X&A.G]GR06NKA5)6.9,I&TN.?*FB8P-TQM SEQ7W7^SA^T5X4 ; M<^&-AXR*SXCD_=7NGRL#/87 +PR =QG(;HRD$=:
/RY\7>"BS_P $E?C% M;>)/#=[<>+/A)K-P(Y$E)6"Z7D^1Y=V!)!(.'BD7/RNIR'/O&003I_$+X?Z#\4_!>K^%/$^G M1:KH6JV[6]U:S#AE/0@_PLIPRL.5(!'(K\S2V ?[<_90_J^(7[/%_?27V@:
M@DL]EO\ XI(XEN+>?'16>U9@X\'04?P"@#[^_::^/G@_]G'X2ZIXK\:+]]TY M\V4&E]@=]1G=&*VZ]>/F57R3P%5B>F*_.7]A' .@GY;?&WQA-\;?B'X5M_#?@ M2[O'U

:K.OG&4$02CHJS%0?LURH.T28VOQPV-B^^_ MLB?LO^-OCO\ %"U_:5^/[S-K;NEUX7\,MNBCL(U.Z&4QYRBKG,<9Y).]\L>? MT)N+>*\MY8)XDG@E4I)'(H974C!!!X(([4 ?G!XV_P""S'A+5O
)MOAYX+\1 MW?O$U!/LUG8WT$1M[>=P55LH[M-AB"]!!OZ$K7LO_I-?]EO7/V=?A/]^K>,E M\KQSXRNDU'4;=B"UM$H;R87(_P"6@,DK-C@&3;_#D_1'A3X'_#CP']SZKX;^ M'_A?
P[JCYW7NDZ+;6LS9SG+QH&/4]^]=M0 4444 %%% !1110 4444 %%% M !17P=_P4V_;6\:?LQW(@;P]\/9+.#7-4\W4[^XN;9;@K:PL@6,(V1MD/FAF MX8"/Y2")];M$N=8\2R*T,=K8OPQBEQ\
MJ8R'F'(/R)ESP 7_-M#]CGP7^W%X=N_%OPXU_1Y/B+H#R:>;ZQNDE@NWB/S M6=TR$[}$/W6/*[L$%2"O@GP+_P""FWC3]FNZ;X9?M(>$]1'K$:*=0 M5!PHF1V"W"^DROE@ ?
G)W5]W_LE_LK^&OV3/AA%X7T.1[_4;IEN=6U>88>]N M-N"P7)V(HX5!T'4DDD^C>-OACX.^)=M!;>+ _GH?B]WMVWPPZWIL-XD;'NH ME5@#]* /R]^+WQ>\1?\ !5[XD>&_AC\,- U'0?
A=HE^NI:SK^I1J'!"L@E<* M65"$;58XPQ+E\MM"G;^K6AZ+;>'-%T_2;"(06%A;QVMO$.B1HH55_ 57\,^ M$]#\%Z3'I?A[1M/T'3(^4L],M4MX5[<(@ '0=JUJ "BBB@ HHHH **** "BB MB@ HHI,XY/
H 6BOR@^&G_!7[5X?VCM=C\QMAYNE1HVU)] M&Q8,I5I%.2,Y0#&QOU3T?6+#0%I-GJFEWD&H:;>0E<6UW:R"2*:~@"KJPX((M(((H N5SGC[O%X4\\ AR4>--1TG3M"U!UTV3^VIHX[>X:,Y!
?,.UM^2-O M<9]ZN>,/$\UMX+\)ZSX@O(+JYM-*LIKZ:&QA,T\B1H798T'+.0I 7N<5^:OPS M^&?C?_@J#\4K?XG_!/M[KP[\#-%N&70/#"R,O\ :&&P>1C()&)WAQUXY:8P2 M@!R?OT_9/^*_!/_
.*DWQC^ !N=4\%?,U]I&QK@V4).YX+B,'=-;<9$@^9, M#)!4.WI^D?\ !;#X>2^ I+S4__B"W\81Q<:3;/"]G+)CM)%^'?A-?$32>+1]+DC*/%;.R$RE M",JNV.*.//S% S'AE)_0&BB@ HHHH **** "BBB@
HHHH ***^7O^"B7[3&N M?LO_!&M^%3;KXJUC48M(TZ6>,2_9V9)!'F$9XP@"..\4^&QC3HX8_9+#0%I-GJFEWD&H:;>0E<0#VL>)=4\.V.N:=»:. I2QO?Z7!=(JS:+(.(H9(P=R!AR,@9KYL ; MT_:D\5_
O0_#O@_X<^'+[6_B1XWDDLM&GCMC)#;%=H9OGAY1O&U#P.6;@88_M89_8L'[-NF:CXN\7-A)XB^+7B:.MK6JR3-*(5=Q(T",3\^7"L\AY9E&. * / MH'XM_#C3OB]\,?%'@K50/L.NZ?
-8NY7)C+]0'JY&VL/=17YW?\$>_'VL>#_M/%GQ2^!'B**2* T6YDU2*+!*P2Q2K:W:9]"WD$#V<]Z_3ZN4\+_"KPCX)\4> M)/$>A^'[+3=»\23KFZIi\<*^ M?>2O&KRRK,1E)(V+]B9"L$;=U!4
_4"BN3^%GO3\,?&CP+I?B_PAJD6KZ%]. M>^*>/AE/4;KU1U/#*>01764 4->U!3?"VBWNKZS?VVEZ58Q-/B1:GX%^!7A'43;Z[?7,)AN+^XB:!1D874'#QO._F6TN>PCF# »\XK[G_9Y^*B M?&
[X(>"O'*Q>1)K>F17,\,T]$GQME49_A$BN >X -='X^\ ^'_BAX1U'POXJ MTN'6M U%%2ZL:C.R4*P=H%:VEZ79Z'IEIIVG6D-AI]I$L%O:VT M8CBAC4 *B*.%4 #IB@"U1110 4444 %%%% !1110 4444
%%>8 M, &__M/X"^-?'R0PW-SHM@TMK#<$B-[AV6.%6QSM,CH" 02.XKXS_8!_X*;3?%K6T^ M'WQ?NI:R\6WDQ.CZV(DMH+[>^\9)H=UX@U&2XCT_3[.&-C%]ID#>6T[#[D8*G)ZDE5'+ @
]2N_&_A[M3_%EAX7N=-_V: M?BMX+\(^ EL2Z6BZYK/VJW$_VF$R.B6QR/W:D1NS,N'Y3!49W?5G[+_[4'A# M]JKX

)_#$_DW<6V+4]'F<&XT^/M%36/#.MZ?X@TJ1WC6^TRY2XA9E8JRAT)&00 M0:^5_P#@J=\$/^%O?LJZQJ=G,^;K?@^0:[;%1\QA0%;E,^GE%GQW,2U[=^S3
M^SKX8_9=^%=CX)\+B6:%)#=7M]<'][>W3*]R3,.BY"* HX"]HYY)],U#3[:5 MM/N;&\A2YL[F)H9H9!E9$8$,I'<$$B@#Y8_X)B_&:?XR?LE>'#?-))]?AF5_ M#MS+(#^\$"HT+ GK^YDA!/\
>5]^KZYOX>_#GPU\)_"-AX7\(Z-:Z#H-BI6* MRM5(5596-O)=3R?W8T4LQ_ T 7:* *7]F'_@KQJVL?%_4-.^_$=GIO@W7 MKK.E7UK"$71,G:DXCRVNGPF6>15'15_F3PHR20 37Y_P#[M/?
P*\%_&,Z7=VD*Y5EG/V>_0 ?><,1/C\'\Z5^ MN-ZJLFU[5R[.C.,D0Q9YV*7;YC\SDECCA5 /AS_@G#^UIX8_9#/CKX_ M%\7'@^YBUJ6^2_GMWDCCN1'#-!*$4LO$",C8*G+*KBWD@MH[=)%
<#Y&@&2(,]LS, S%0BJ=WS?9GQN_8I^ M#7[0VM1ZUXV\&6]lK:*$,I6EQ+;3R*.BR-$Z^9@<#?D@<#%=Y*?@KX&^!WA M]M%\">&-/\,Z<[!Y4LH_GF8# :60DO(P'&7)- "?!7X4Z5\#OA3X8\":(6?3
MM#LEM5E<8:9^6DE8=F=V=R!QEC7;44 %%% !1110 4444 %%% !1110!^ M7>KZ+=_\%*OVVO%WA/7]9N+3X, #*9X?[+L)BAOIUD,);=ZR.DO[P0O-'"4<2.WSCS P
M)/BY\$/#UUXV\,>*YYK]\TJUM'O<--)YLMO M-;Q$2;1(2T#»8?M2?M1?M- `KPGX>^&/C+X9V_P\TSOQ]<.GVEM< M:;9\!N+X@\ M,6J:I#?+O%X&A"L[YZEQ\?94Y%?G1\5OV>?B]_P3+^)]S\3?
@_<77B+X9W## M[:;3*TRQ0YSY%]&N,H.=MPN,9Y*D_-W./_!)GXQ>(O#%G'XE_:#E6_TZVB@T M_3($N[JRMUC3;'&DCS1F-%4 #;%P,U:/_!'XW?%'P# ^T%XI_9H^+=[-KL^G
M03265Q>3FYD@:,*^09'^2;2"6%O(N[E0%P &(!V/A?\X+.?!['4/!OV_7="\ M2:/XACCD2TO>WMX[E7DQTBFWT"I/=PA]]Y \ 8+^'?C]/H3]I;O5^U;XXT@^' M],U*)[;PY8,"&D0OI LBY W1I FS?
@"1G9AC!K[F_8_^"-QXE&OR?"GPF=5 M#^9YW]DPA2^0=V0+L+9&)(HD6.)%"]B# 4#@ #L* 'T444 %%% M% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M
%%%% !1110 4444 %%%% !1110 4444 %%%% !17@G[77[8GA#]D3P3#JNN M(VK:]I!9-*T"VD"37;+CH !)Q7PB?\ @K9\=/#-]8^)/%/P M;LK/X?WLB"%S8WUJTI'G]W=R,8W8KG'R8.!QUH ^V_\
@H9X3\9^,OV2?&^ M>!=)GUO6[X6R-9VQ,[VZW$;RB-?XFVJ1MZD%L9.!7E'QL_X)H>'?BQ^S-X\ M,Z?';Z\)2?"6A6]E9:P%PES(L8,L%P5^]&\I=@PR49B1D%E;ZE^0'!/QQ* M$ M?#73/&WA"
[;YTN\!22&4!9[29<;X)5!.UUR,C)!!!!(() H _+[\A?]NC7_ M (1^+O\ AG_]H#[1HVIZ9,-.TO6=5;#6S# 2VN')P8R"/+FR1@J"2I5A^GTT M*7$3QRHLD:C:R,,@@]B*^6OVZ/\%]_:\(_:;+
[/HWQ%TR$C3-89<+.HR?L MUQ@9,9).&Y*$Y&065OA+X8_\%#?C9^SWX*UOX%^(/"5YKGQ0TV:/2/#T]X#+ M+M M2NY-2EBO)_M!TU9 I^S"4DE\$%C@[5+%5X&3[[0 4444 %%%% !1110
4444 M %%%% !17P1_P4Z_:V^(WP3N/!WP_P#AE:7%CX@\4]TPUF"%9IB%D"+:&R$' M,C.1DX)PRA1ELCN/V"?V]M(_:H\.KX>\0M;ZA3M-AS=V(^2/4$7@W$ / /C\ M?53R/EZ &=X@^ ?
BGQ]_P4VL/'7B+0&E\ >'_")CTN_D426T\S!XFA8<@/NN MIVVD?=0&OFC]KK]D7Q?^Q3\1T^/WP!>;R\/6LIFU/2+=2ZZ:K']XIC_Y;6;__M_2_\L^.@ *?K/4=Q;O7E0+!/$D\$]E)
(Y%#*ZD8((//!':@#P3]CW]L+PK^ MUQ\/QJFEE-,\3V*]FLZ!))F2UDA:=WB8@[7_X((KWSRD\SS-B^9C;OQSCT MSZ5^37[7?[(_B \ 8G^(R?'_ 4DUCX>MI3-J6D0*77358C>I3_):6;]"O M_+/CH
"F[X1 :4^.G_!GXF>%M+^&SWWPC\$>&VM[[O#K=E.7+7(+(6P!*I M.Y4MSPPRTF1PH!^\+!110 4444 %%%% !1110 445RGO6^)FB_!OX<> M(?&OB*9H='T2S>[GV8WOCA8T!
(!=V*HHSRS 4 =77)?%*7KCX4^,X?"T'VG MQ>)HUXFEPF01[[HP.(1N) &7V\DBOSZ^!7@SXV_\%_'=A\9/%_C75_A\\-- M-U S>&]#T"8QRS"-\;D)^4C(^M-(K%CO55\#]_J /S_/V??^">>A>-?V#=
M%\!?$719M \77US=ZT+QH0M[I5Y(VR-L'G!AB@#QG .,<$ CP+]GC]H?Q]_P M39^+DOP9^,T4]U\,[B8R66H1AI4LT=CB[M3C+P,J:/K%AX MBTFSU32[R#4--O(5N+;[M9!)%-
&P!5U8<$$$$$59AA2WC6.)%CC4854& !Z M5^-'P0_ ;+"_ !+_,6>(?A\0M$D\4^&UAENM$B\!$';<8Y[:4@_Z/(P^= M,95MO #!E:[; 8!T#XYZO:'^M?.6CN=,\(3J1'IT8^[*L9/[CT];
[3IF]6D-]:3 8\R&5 Z-^*L#0!^=O !0#_@G_J1UN7XX? ^* M?2O&>GS?VCJ6D:3F.2XD4[C=VH7L",L@^_R1\^0_JW_3_/\ @H!IO[3N MB1>$_%DL&E?%#3X?WL/$<>K1J.9X1V<
9>,=.67Y,]/F_M'4M(TG,AP2/Q-/K\@1' ;R^._[:7A+PO\ !WX=:4VA>.[Q2OB+Q=83 M-"HMD('GJRC-LI!S(5.2<+'C=MK]6_A[X?U/PIX%\Z-K6N3>)M7T^QAMKO6 M+A DE[*B!6E8#."Q&>I//))YH
Z&BBB@ HHHH **** "BBB@ HHHH **RO%7 MBC2O!/AO4_$&NWT.F:-IEN]W=WDYPD42*69C^ Z#'D\^:FI?MM_M1_M2ZYJMW M^S^S> ^P^!],F:)-3OH+8S71 _BDN7$6[&#Y4>67<,DY%
'Z@5\"_LC_L=W7B MC3_VBI_CAX1*W?COQ/-'):W8&3#&\DRW-O(.@,ERVQU(6(>E>;?"' @]:X\ M%?CY? G[3(@^71)PZH^M6]BlM<6X)P))?E98S_?AQP,A7K]--"UW3O%&BV6 MKZ1?6^IZ7?
0K<6U$Y:R"2*:-AE75AP00>HH _'S_BYW_!(OXZ?\O7BWX,>(KC MZ)=(/_'8KR-?HLBCT^Y^LWPL^*?ACXT>!=+\7^$-4BU?0M1CWQ3Q\,I_BC=>
MJ.IX93R"*/BG\+/#'QH\"ZIX0\7Z7%]^A:C'LE@DX93_R(W5'4\]PY!%?D MPS?$[_@D5\=,#[3XN^#'B*?(!.U+!!_X[%>1K_P&11Z?< /V0CA2+>414WMN M;:,9/]?>GU\"_L7^+OCK^U-\<+KXY>
(=4O/!OPCC@GL-'\[JQ:#48R"JMM. MQ1L.UQC+.NQ<)N5?QJ@ HHHH **** "BBB@ HHHH **** "BOFGI[\ ;C* M_L@^'[2.ZM6\0^,M4C9]-T&&41Y0'!FF?!\N// X)8@@#ABOQG9?\%;/C5X%
M\0:=]/Q,^#MOIO@S4908?*T^\L+AH\L5U"" _MJ"Y\S;W59?(+8Z*"W0$CBOVR_^":^@ M_&'X:Z-<^ (8-&^(/A?2[?3[&08BCU2WMXE2."8] X5 $D[<*WRX*_7?PK^* M'ASXS_#
$;QEX4OUU'0]5@$T$O1E/1HW7^%U8%67L01764 ?G)^P#^W]]-] MK4?P1^-TD^D^.]/E_L_3M5U0&.2[D4[?LMSNZ3C&%% <_ZSH?GP7_1B2))EVR(MKKD;PR.#D?K7QI^W]^P#IW[3>BR>+O",
<&D_%'3XOW4V1"]L:CY89F[.,8 M20].%;Y<%?C_,"_\%(?CI8_#>7X'1^%[[5?C:MX-#T_5YTS>1*,JXFB8?-< M1XP)&^7&?2)0EP#]CJ*\A_91^&_CCX4__0?#_O%\77/C/Q9&'FNKZZE:8P[
MSN%N)6^:14Z!V.3VPH 'KU !1110 4444 %%%% !1110 4444 %%?G%_P4P_M;/\ BE\(_B5X>^&?PPAGT>_DT]=>N=6A@6>>ZC5I3Y42,& C40.SG&6QC@[MO?/V'?
VXO#W[6_@[!/<>1HWQ!TR$'5=%#860<#[3;Y.6B)QD"QX=@TK1&NXUEM+R.:*.*0#.0Q"QW =#T\[MG@KGY:_;'_9X\??\$V?BY%\9O@S+/=?#NXF$=[!A:5+-'89M+H9R\#' 24\
MJ=H)#!6?]?:IZQH]AXBTF\TO5+.#4--O(6M[FTNHQ)%-&P(9&4\$$$@@T >5 M_LO_ +4'A#]JKX

*UN=5@DEDN$[,LLDL*.#ZHAY[FM+]GK_@]%XME^-- MK]+/CWX'M?!FN7=TEA%?VD,UJ+:=^(UGAE9SMD)7$BL%&X'&T[A^CBJ$4*H" MJ!@ =!7X[?\ !1"[T[X_?M^?
#WPC\/7BU7Q%:0V6E7UYIY#>7<_:9)2K..#Y M,,!F;G;\P."I /UC^)WQ%T;X1_#[Q!XR\0SF#1M$LY+VY9,%V51PB D9=CA M5&>68#0?P9IW[9?[6?
Q$^=~]\7?!7PGI)\,K=:FYM[2_FEDU"YM8F8/(,3I MN*4A&'RH,D-A6KKWC_@1M=]L_P"P_P#$R'3T>26.*RN)$C4L3%?6(DAXZ * MK,3Z*<\5)^OEX[\-P_L#^:]=ENK9-$TCPW(FHNI(@\$:
<.LX?/0Y1CSZ^XH [MW!E'II+1OVJ?@[IWC?2;5M-F:5[/4-->02-9W28+0[AU!#*RG)5UR \[(.2D88+.1& ,K+M'-3_+'O@'7/ MVU?V@]3_&GOB+8O#X7TRX-IX)T2Y^9(/*8A9<="
*(B2=P'S3,S#'EXH ^T?V M:8/B2GP;T&X^+6I0ZAXYO(S=7[6]K';K:[^4MRJ LBX#"'WBPY !/]-%% ' M+?$6U\ P_P":!S#*K9]C\O\ 45YA7L_B&T^W:'?0@99HF*CW R/U KQBO:P4
MKTVNQXV,C:;?<****]$X HHHH **** "BBB@ HHHH ***N6&C7VIG%K:R3#^ M]_+ ^-22DVDKL:3>B*=%=CI_PUNYL->7$?==NO]U/G;_#^==/I_@72;#!,!NG']
M4YW#\NGZ5OSQ=.SN=4,+4ENK'E]GIUU]#[+:WDG:_84G'U]*Z33_AQ]%SAK MF2.T3N"=[?D,/U]S\0?CY\./A%&\7B7O7I>DSQ*";!)/-N0"< B",_^/?:C@_MU\P_$7_@]#X?TI[S:?P3X5O-
9E&Y5O=6D%M"#V81KN9Q[$H:4'BL1 !AIW_X+ MT-G2H4OXDKGUWI_P_P!+L|-*KW;CO*<+^0_KFJ?C3XH^!OA-9;_$?B'2?#L> MPND$\RI+(!UV1#YW_P" @U^5_P 1?VW_(O
!&|V*3Q_AZQ?!^O^'T^R!< M>DH)EP>X+D>U>%7-S->7$MQ<2O(/*YDDED8LSL3DDD]DD]YKMAE%6IKB)_)& M;QM.GI2@?I=\1/\ @IMX%T R0>$=#U'Q7<*0!<3G]#:L/4%@TAQZ&-?
K7R[\ M1/V_O0[X\62"TU:V\)V+JR&'0X/+D/(0F9RT@8#NC+]3YOHKU],78:CM&[\ M]?\ @''/%5]F[MZ%W6-,U'O#J,VH:K?W6IW\OS)=7DS2RN?]IF)) &[5%%>D ME;1'(%%%%,04444 %%%%
!1110 45:TC2+[7]3MM.TRSGU" N7$<%K:1F225 MCT"J,2;_03]F7_@G2:,5]D\2?%.,]O.)(/#:,&AB/4&X8<.?]@?+ZELD#CQ M.*[86/-4?RZLWI49UG:*/G/]FW]C:Q9\?+B'4YP_A[P>&_>:M<1_-<
'E;=# M]\]MWW1SR2-I_33X??#+P)^SEX(DM=&MK?1=,A4/=ZAFYZ5\7/VF[_,2&?2O^S2Z9I>2KWOW;BX'^S_SS4_]?IXY'(KP M>BBOL<-
A:6$A[.DK+|_4^,Q&)IX]?/5=W^7H%%%%=9RA1110 5M^"O"UQXU\ M5:9HEMD27DP0N!G8G5F_!03^%8E?37[(W@79%]/BRYCY?-G9EAVX.C#|=[Y] MF%>?C\4L)AY5>O3UZ'?
@<,|5B(TNG7T/T9_&OCB[NI;ZZFN9Y#+/,YDD=NK,3DD_B:]I_;3\7"XOK+P[^_4M\]7 M-E]W=GZFDDK(****0PHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#V/]F;2_/\3:K? MD96VM1$#Z,[9_DAKZ-KR']FO23:>$+Z^9<&[NB%/]B*
/U+5ZI0 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444R:,, W MB>65UCB12S.YP% Y))
["@#|M_P#@L5\3U\5>,_AC\%+35;738[BY35M4NKR= M8K>W:5S;VS2N2%14!N'8L0 K>!S7VKX6^.W[//A+P#I(@VS^+7P]:0M.TV+ M2HK>3Q/8$- D0C"L/-P2
M*.*=X"R[A!81ED(*_NHGIK[1_X=/_+-O_0H:A_X,[O\ ^,4 ?'/_M_3=|>;9\!?VX?"PKT_7K+6_"'B22XLM,U&PNTN+;YDMV>6TEB]=T)E7@ M_><#]*_8;OQA_P""@G[+^C?L/_$+X6?
$;X465SI6?=ARD]U<'*_MY%FC)9 MR3B1"1MSC$3<<|_>W[4G[;&D?"/]DO3_(G>'Y$N-5\6V4*^&H7PX$\||7F!W M'!$NYF!ZLH4XW4 ?+G_12/XU:]^T=|9?#G[+WPRD^V2/?
1_VY)$W[N2Z'S+$ M[#_EG,H,LG7Y@.,OU^A7P$^"N@_L]?"?P_X$\.Q_Z%[< 66Y90LEW.>99W_V MG8DX[#_'%?GG_P2\M/A/\+M"U?XK_$;XJ^"X?B-XG>18[?5O$EFMW96Q?<[M2!Y RS3.-
S9Y"A.A9A7WQ_PUC\$/^BR?#_|*BQ_P#CM 'JM%<9X[^+OA?X M>_"S4_B)[.I)=>%+"Q_M%KW3B+E9H2!M,14X?=E0'#@Y'..YW)G']I7P;^U M+X&NO%?@E[[^S[6^?
3IXM1M_)FCF5$<@U"P(*R(002.<=00 #U6BBN"^-OQM M\+?L^>.I_&/C*XN+30H+F"VEFMH&F*%U>2!G)ODXI!P"< @'O9\&/^". M_P 7OB+XT\6:Q9?
M&ZQ#I>KZA<7EOI%U]K]J".20ND!VW&W;@(484#"C"CH/ MGGP1?^.?^"3/O3TZ#OOX!\-^) #,N&2(>+=*B8WTL,X;TAG?&OE&OFA9 &XP
MW\8_5'P7^T7|+OB)I*:GX=^(/AS5+1E+QZEKQ@ D]XV8,A !,& .* _S_@ MK?]\M^>" B[HO@GX5>!=1M?&?BA=<2]F?17%TL+&)X8[=73(:21IA|BDD&,9
MP2!0!^GEK<:#}?!$4Z"WUSPOX@TX.HD3?#>6D\61E2,5='Z$<@U\>WW_!(O MX,3ZI=FSU_QOI/AZ[F:>?PW9:N\6&:(VC#1, ^T#CYF+=/FXY^G\>? MY\,? M@/\
#WPGJ.XCHV@V5E=AGW[9DA02 ')& P8#!O@#%>]_P#!0W]]?4/@YX-T M]X> ^ O-OOBSXX86&DVMG\TK%(WEF<#L[$[(^QS;F_Y9D4 ?.GO;TNU_:N^- M'AS]E+X/PKX> ^"_@*03^)
*[[3, ^47C<[T#'.]EDZE^TO\ M$GO)\6=4^ G[*GA'PO:Z+X!M18W^NZXSFVMS'B/RX@K #:X9,L)&=E++*P!Z@&>)N.S@]* /7OV3OVS M?&OC?XU^)?
@C\9 #.G>&/B5H\37$$VDEA:WL;JC$!6=_F*.L]LK:64MPI7^ MR:_-Q'3QW_P6CMKO&%W>%]#D36)K<[T1OL$D1#$<K)T>,.%%% !11UK7T_PG]NI8,5HZ(?XY?D'Z]?PJ92
MC%7D[%%BY.T49%%=[I_PR PU]=D^]0#_-F/^%=)9^-(T:,RK;1($&YIICN M(QWR>E<<|93C\.IUPPE26^AY?I_AW4M4P;>TD9#_ !L-J_F>*Z;3_AE*^&O; MM8Q_O[M6SV=U MKY?^(O|
P5$U:Z;6W\#^$;;3XMV$OM;E,TC+CKY,954;/]IBJA#&8C^'"R_M^"6XX:C\)?&&I7MG*-KV,,@ MM[5AG(!AC"HWU()Z\WKMIY.Y.]>=_3_#?^1G+'*,E*-C] ?B)_P5'C"R0> M!/!S.Q V7WB"7
/SR#!$3D>_FCZ5|O\ O$;Y^+'Q-,D>]>,+VSL7)_T'23] MCAVGJ[IO#,/9XY>5[%'3X>A\$-?/4X9XFK4^*04445WG,%%% !1110 44 MM4 CCX%%% !1110 444 $D #)84 %>F_[IG?OC\?
M>^P^'+';80L!>;M<@K: MVH_VFQ\S8Z(N6/IC)'O?[.G_3]U?Q_]D\1_$-;C0/#K8DATH92\O!VW9YA M0^_S$= N0U??EYJ[@SX# ^'[:UBAM=!T>U0I:Z?:(TA'4(O5F)/+'URQ[UX>
M*S)1E['#+FF_Z^9Z-+"^[[2L^6*.. ^ /[+G@K]G31S/8Q+]&O-$?MFOWR@2D M8RP3M%'[#[,;BV,US?Q<_:BBLO.TGP:Z7%P"4DU9EW1I_P!<@>&/^T>.. QP>D>_ 7Y?Y[D]
[>W&I72:9[NQZDD\DU!1 M17U:5M8>=JWU84444Q!1110 4444 7-&TFV[5K/3;-/.NKN988E]68X'XK-DX]37SG^R9X$_M7Q'>>)KF/-MIJ M^3:%APT[#DC_
'5/_CXKT7]I+Q=]DTNS\,P/B2[(N+@#_GFI^0?BPS_P#WK\ M_P_O7M*JP\7I'?U?^2 , ^[R+"^SI.O+>6WHO|V>$:K%OXAUB\U*Z;=<74K M2OCH,GH/8#@>PJC117RA]0%%%% !1110 4444
*%%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%;WA'1SX@\4:5IVTLMS%[7
MQOOX0USPY?2W$%EJ!C/I\MIJY MO"/I37]\,P:XSBNGTO[5%>QRV.PBGAE3(#(Q# ':SJ<@\,:U\5 _$^ A9XT M^7A'X4:H^O3>:'?"UQ+,/ _!%_P#&*^ZJ* /@G_@+H>A_LZ
ML8Z%\?"D$]]/B,6_AS1:"1C/RQIVLF-LJMW*]@QJ?1$2./(X)0GO7I?B7X(>!O&/Q&T#Q MYK?AVVU/O7H$?EZ9]P[M]E&6.4CW:-V6)W%<@XYX&,YH *YWX@?#SPW\5/"
M6H>&/%QNC6NO:!?9N+&/[7H>,M!@:I9:?]D#Q)^]#/(_YL:|?^ 7_!WX+_LZ:RNM^'?#TF]>(8S MF'5]>F%W#;:^!0P$C: ;50V.,XKZ.HH *^>O! P"QIX#7=]KO#[<-H&U6_F1^\N /NJTA
PHY.U0!DYQGFO8Z** "N0^)- MAY^DPW0&6@DP3_LMQ_,"NOJJJU@NJ:;Q_/%:TI\DU(RJPYX. MJXE2JK.P5068] !DFO1]/^&UC!AXN:2Z;NJ_(O\ C^M:6J:GX:^'VEO?ZG>Z M;X?L$P'N[V9($'H"
[D2SKUI8R%[05V>7'!S>LW8X'3_!6K:A@BV-NA_CG.W] M.OZ5T^^G_SMX\->W3S'^Y$-H_/]?TKQ3XB_!%$?A3X+,L&D7%]XPOEW+MTN M#9 &'9I9-H(/]Y XKY>^(O|
P4K^(_B<2P>&+#?3^[M]V-LJ])MNEYY^>0>7@ M]\ 5Y'KZ:PH8[$:1Y5YZ?\ !&WA:.]XG_7R/TH:TI/PE8RWLWV33:6I=TEW MGPA^YDAAUR3Q03?(0#:Z!%YZ]\ )6(CUPY/M7Y7
M>,_B+XH^(E\+SQ/X@U+7K@,S(U_;;.I8] MI6IQL?:/Q%_X*=>,=;EOX.V:?X:@8,HNKUC>W/7Y7486-3CJ6SQ[\<_,7C M_P"-'CKXIS_BKQ5J>M1LP<6T]Y%NK>]PKA% !17%T5[-'"T*\,*7Y_>
<$Z MU2I\4@HHHKK, HHHH **** "BBB@ HHHH **** "BBB@ HHHH ***^A?V;/V M-/%GO[GAU2Y5_#O@X-\^JW$?SW !Y6W0_?;:0?
#SX:>)BKXEM!^+:5/IV13<[(AA8UIN['A%']XD"OTS_9F_88_M_!@6NO>)(\3>,DPZRLF:6Q:K'Y5A\S_P#++1AGI@+WJ?\ _#?P)^SEX'DM=_M'MK?0]+A4/=7UPP.UPXXW2R=78YX]
<*<!TKPKXN?M,W_(G,^E>&&ETO2B2K MWF=MQ<#V_P">:GV^8CJ1DBOG_:8K-9.GAURPZO\K\D=U26'RZ//6=Y=%_7Y MGJWQ<_:+TKP%YVFZ0(]7UY*=5\8ZM+J6
ML7LE]>2<;Y#PH[*H'"CGH.*R:*^]P674<#'W%>75!?\ @'R&,S"MC9>^]1Z+ MI_P0HHHKU#S HHHH **** "BBB@ I\$,ES-'#$C22R,$1%&2()P !3*|A_9B M\"?\)5X^74[B/?8:,!<-D9#3'B(?
@06_X[!S8FO'#4951;)'1AZ,L15C2CU M9]?#;PE;_#7X?V&G2LD36)GO)B<#S"-TC$^@Z9]%?+7C?O-X]4ZC[SY M"SR'RD;]D8X0?
7:!GWS7T!^T'XO.A>$ETN!]MUJC&,X/*PK@O^>0OT)]*^8Z M_(:E256:G/=ZGZO3A&G!0CLM HHHK.T"BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "O5_V<=!_M'QG/]+KF/3[
MU>_P!:OBH4W6HW+W$N/3,HY\F7YHV/LKJ1J9:_.2OO,L]E+#PQG"*3V9UB^=57&3T"BBO@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *N:/HU_XA MU2UTW2[.?4-
0NG$4%K:OF225CT"J.2:]#^'[G[.OC'X_Z[IB\.67EZ?"P%Y]] MT"MK:CW;^)L=$?)/L,D?[-| OV7_7^SGHS2Z?&M]KC1'[:K]\B5EQE@G: M*/C.T'L-O;&:\O&9A3PON[R[?
YG:0PLZVNR[GS[^S)_P3PM=&^R>)/BE''?W MXQ)!X<5@T$)ZQ@W##B0_[^7U+9P/]:XC_%[P[\)=-2VDV3WZQ 6VDVF%(4#* MYQQ&G09([< XKS/XN?M11VAFTGP:ZS3 E)-6891?41 _>/\
M'C'TR'/F6\O M;C4;J6ZNIY+FYE8O\-Y9W8]22>2:YL-EE?'R5?&NT>B_K\SFO6:4L(G1PF MKZO^M_R.G^(7QUWXEZE]IU;YO_A_<64.5AA'LO<-K^)_#_)445]C3IPI14 M^R1\?
4J3JR%SV6OB>(<5 M\,&B_-_I_7H?99#A?BQ.O1?K_7J?/?O7\6_\)EXVOKN-]\G?L2K0>6)K2K2W;/U?#T8X>E&E'HA****YCH"BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBMCP=X=D\[5^)].T]/(M^TRA78=50)U:U
MVCYF1%/G)Z\QEC@=61:^B*;Z+(C(ZAD88*L.@CTK:C5=&I&I'=$3@]D7%]3\M]I*18_:A^#DOP\ C+KGAJ8RFE2O\MTQST:UD)* 'OL(9"25#7D]?1-<:D% M...S/D91<).+W04445H2%%%%
!1110 4444 %%%% !1110 45=T71-0\2:K:Z M9I5E/]HW3B"UMHS))(OZ!5')K]"/V9/^">-IH?V3O)\4HHM0U 8D@\.*P> M"$]0;AAQ(W^P/E]2V<#CQ.+I86/-4?RZLZ*5&=9VBCYR_9K_&.?%?
QZF@U6 M\$GAWP:&RVJ3Q_O+D \K;H?O>F_*.?O$;:_.3'P)_ G].7@9[32+>VT+28 M 'NKV=LS7#XQOD?]'L!ZX4#@4?$KXP>'OA-IR6SA+C41&!;:5:D*0H&%W8X MC3H,X^@.*^/_

*"BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **

JA17%_"GXL:%\7O#*:MHTV'7"W5E(1YMM)_=8>G7#=^/Q [2ORFI3 MG1FZ=16;Z'VD)QJ14HNZ84445F6%%% !1110 4444 %%% !1110 4444 % M%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 44 M44 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !111 M0 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M!1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 % M%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 44 M44 %%% !1110 4444 %%% !5+6M:L?#NDW>IZG=Q6.GVL9EGN)FVHBCJ2: MDU+4K71)/N+Z^N/[2SMXVEFGF8*R): 9+$GH * ,+]]#]L:Z^,FL-I&D226O@ M^SDS%%&>G@]%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110!^HO()W_)O/@W_ *]Y M?_1\E?/Q6_Y*EXQ_P"PS>?^CWK[^_9_ P"3>?!O_7O+_P"CY*^ ?BM_R5+QMC_V&;S_T>]?=<*?Q:OHOS/F\Z^"']['S;H3'K%]"W^L8 M=;=2/X1_&>Y^7H&R <5^U;^T]-\4M1F\,^')VB\(VLF))D)!U["13]\_]P1\ M]]_O'L%^<*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH_47]D[_DWGP;_P!> M)\O\ Z/DKX!^*W)4O&/_&&;S_T>]??WJ)W__";SX-_Z]Y?__$?)7P#[5O]MDJ7C' L,WG_H]Z^ZX4_BU?1?F?-YU\$/4Y6BBBOTD^3"BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M** "BBB@#MOA'\6-8^#_(LAUG2W\R%L1W=DS8CN8L\]?0]PW8^V0?T]^' C M[1_B7X7M->T2X|^SG&&1L!X7'WHW'9A_@1D$&OR?KU#X_&Z_P#@OXM6Y_>7 M.A796/4+)3]Y>TBCIO7)QZ\COD?+9WE"OT/;4E^\7X^7^]I.7XYX:7)/X7^! M^F=%4==#URQ\2Z/9ZKIES'>:;?=OB6&>,Y5U/^>G4'BKU?DS3B|(<^V335T%%% M%(84444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4445YM\>OC1I_P2\#S:M<; M+C5+C..G61/.TV.I_P!A>"Q^@ZD4 >8_M@_M'"X;;.?"?AZYV^)\0BS/<1GF MQ@88R#VD:MW RW'RY_/9F+$DG))/)K0\0^(-0\5;Y>ZQ]MR]Y]-[*TT\IAY9MC_(=@!P *SZ "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /U%_9_ Y-Y\ M&_]7O+_ _CY*^_?BM_R5+QC_P!AF_]O7W]^R= _P F\^#?^O>7_P!'R5\ M_%;_ *)EXQ_[#-Y_Z/>ONN%XM7T7YGS>=?!#U.5HHHK))/DPHHHH **** " MBBB@ HHHH **** /HKX_LT^' B=\/=1\5>(O$%OH]K;7,D1A\]EHXXXXT5FD MD=P0!\Q]_YYXZO_AFOX(?]%:MO_!Q8_P"%:7P)_P"3,_'W_7/4O_29:^.* M^3HQQ6-Q%=*NXJ,K))(]HHH'!4W[--R5^IZ1\<_?A/P!XDL;/PAXGC\3V,MU]J!9HYXI_*DWL-I>/Y>@!QU'XBNLU#]G[2K/IFF#XD+]=XVJ2;&-H53R<-<_M>3CINSCG.:\+K['US_DP&S_ZYP_^EXKKOE2MA(X:"FVW,*;TU3N88>-.LZLG_M&UHMI=CXXHHHKZ$\L****.A^' @:2^B3XPTIPYI)B6^OF94:=MJ*%4NS,<' M@*\[SQ7TH/V52A9X1=;257#MCW,_^U?*VDZQ?Z[] M$=!E3[@Q!A'FY5KS<'C*M*&(CB)NUU:_WG7B,/"*O^$6CNMNRPB9(Y4SR%9W!R^,JJIQW/7&G=_LB^#?'7A^ZOOACXW. MKW5L,:>]ECE5F[*S(JF,GG!*D']:XK]M+Q=<;_|&:ZTMI6-GHUO%;Q1Y^4, MZ+([>I+@$_[ ]*QOV3?%EQX7^-^@QOS,EKJ;-8W$8. X=3LS]'"'|*YN7'S MPGU[VS4KSTO:_6_<\QC\-;IXD70/L4HUAKK[%]C8 M8<3;]FPCUW<5]"WG[.OPS\#WUAX>\;_$.XLO%=W&C&&S@_T>!G.&8H<#W8K MZD &NB^).A6?AG]MWPO=R*L4&JR6MPSOFG="#]2\8/U>-3_M:;?>1_M!>(U MDC=VN3;/!A2=ZF">XXB?^%@?LS_\M0DZE_P!^W_

X)_9;^(_CC8\6@OI%HQQ]U@FV4>^PCS"#ZA2*^@?_P"P9HFG^7/X]UVY MU:488VE@HMX?=2QRS#W&PU[#XB^/GA70]R6\\FK3CC;9KE,^[G Q],UYAXB_M;.\0:ENCTN"WTB(]& \Z7\V&W_QVOD\3O%CL1I!\B\M_O?Z6/;HY5AZ>LES/ MS/9O"_PX\$_"VS,ND:-INB)&NUKQ@/-V^C3,2O'U:LCQ%)?/"NA[DMYY-6G' M&VS7*9]W.!CZ9KYEU?7M2UZX\[4KZXOI>S3R%L?3/3*HU\Y.I.I+FFVWYGK M1C&"M%61ZSXB_:.\0:ENCTN"WTB(]& \Z7\V&W_QVO--7U[4M>N/.U*^N+Z7 MLT\A;'TST_"J-%9E!1110 4444 %%%% !1110 4444 %%%% 'U)^SWK!U+X>MQV['+V-Q)!SUVG#C_P!#(_"O3*_9AU3;?:YIK' 61QW"+_+I*M_Z$OY5[M_0 4444 %%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 ?)G_M 4-\0?9?_A;10V#>ZA)=$=R(8]OY9F%?"5?4G_4$\0?;OBAH>DJVZ.PT ML2$>DDLC9'_P*)7RW0 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%% !1110 4444 %%%% 'ZB_LG?\F\^#?\ KWE_]'R5\ _%;_DJ7C'_+#-MY_Z/>OO[!D[_)-Y\&_]>\O_*/DKX!^*W_)4O&/_89O/_1[U\UPI_%]^B_,M^;SKX(>IRM%%%?I)\F%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 44Z.-I9%1%+NQPJ],DD]A7]_@G]EKXC^.-CQ:"^D6C"VK6";91[[",(/] M%(KGK8BCAX\U:2BO-FM.E.J[0C<\FIT<;2R*B*7=CA549))[^OMCP/\ L&:) MI_ES^*M=N=6E&&-I8*+>'W4L\>%_AQX)^%MF9=(T;3=$2-=K7C > M;M]&F"2V6OB/XTV M/%H+Z1:,GK)Y+>>35\OQMLURF?=S@8^F M;^9=7U[4M>N/.U*^N+Z7LT\A;'TST_"J-?.3[3J2YIMM^9ZT8Q@K15D>L^(O MVCO$&I;H]+@M](B/1@/.E_-AM_\ ';\TU?7M2UZX\[4KZXOI>S3R%L?3/3* MHT5F4%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 >@__?5/ M(_^),GH3M2Z22W;\5+ ?]]*M?5]?$W@^^_LOQ9HUWG AO(7/T#C/Z5]LT %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M %%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% 'YB_MA;O_M &M^T-X\(:=';&"V3VVP)N'_'UNKQFNQ^,FK_V]\6O&5_NW)-]]TR'_&/-M8+_XZ!7'4 %%%% !1110 4444 %%%% !1110 4444 %%%% M %%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110!^HO!)W_";SX-_Z]Y?_ $?)7P#!5O\ DJ7C'_L,WG_H]Z^_MOV3O^3>?!O\ U[R_^CY*^ ?BM_R5+QC_-AF_\ 1[U]UPI_%]^B_,^;SKX(M>IRM%%%?I)\F%%% !1110 4444 %%%% !1110 44Z.-I9%1%+NQPJ],DD]A7]_@G]EKXC^.-CQ:"^D6C"VK6";91[[",(/]%(KGK8BCAX\U:2BO-FM.E_M[!0C<\FIT<;2R*B*7=CA549))["OMCP/^P9HFG^7/XJUVYU:488VE@HMX?=2 MORS#W&PU[QX7^'@GX6V9ETC1M-T1(UVM>,!YNWT:9R6(^K5\OB>)L)2THIS M?W+\=?P/8HY/7GK4?+^+_KYGP-X) 9:^(_CC8\6@OI%HQQ]U@FV4>^PCS"# MZA2*^@?_P"P9HFG^7/XJUVYU:488VE@HMX?=2QRS#W&PU[#XB^/GA70]R6\ M\FK3CC;9KE,^[G Q],UYAXB_:.\0:ENCTN"WTB(]& \Z7\V&W_QVOD\3Q%CL M1I!\B\M_O?Z6/;HY5AZ>LES/S/9O"_PX\$_"VS,ND:-INB)&NUKQ@/-V^C3. M2Q'U:LCQ%)?/"NA[DMYY-6G'&VS7*9]W.!CZ9KYEU?7M2UZX\[4KZXOI>S3R M%L?3/3*HU\Y.I.I+FFVWYGK1C&"M%61ZSXB_:.\0:ENCTN"WTB(]& \Z7\V M&W_QVO--7U[4M>N/.U*^N+Z7LT\A;'TST_"J-%9E!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% "5"((X-? ?$MYG'V?3+F7/^[$Q_I0!^0EU74T\AS)*[,O]RONN%/XM7T7YGS>=?!#U,5HHHK])/DPH MHHH **** "BG1QM+(J([=V.%51DDGL*]7I\$_LM?$?QOL>+07TBT8X^U:P3;* M/?81YA!]0I%<|;$4! V#-$T_P N?O5KMS]THPQM+!1;P^ZECEF'N-AKWCPO\./!/PMLS+I&C:;H MB1KM:\8#$=OHTSDL1]6KY?$\382EI1Y3Z_@>Q1R>O/6H^7\7_7S/@;P3 M^RU\1_'&QXM!?2+1CC[5K!-LH]]A'F$'U"D5] ^!_P!@S1-/\N?O5KMS]THP MQM+!1;P^ZECEF'N-AKV'O%\)?/"NA[DMYY-6G'&VS7*9]W.!CZ9KS#Q0%^T=X@ MU+=']<%O]$1Z\]YTOYL-O_CM?)XGB+'8C2#Y%Y:_'O]+'MT"?A;9F72-&TW1$C7:UXP'F[?1IG)8CZM61XB^/GA70]R6\\FK3CC;9 MKE,^[G Q],U\RZOKVI:]<>=J5]<7TO9IY"V/IGI^%4;^(-2W1Z7!;Z1$>C >=+^,#;_..UYIJ^O:EKUQYVI7UQ?2]F MGD+8^F>GX51HK,H**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH *^]_@%=?:/AG8)G/D2S1_^/EO M_9]^5*^E/V:,KS/!5_>L5^Q'T*)_4&@#URBBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "O/_V@;LV7P/\ '4B]6T>YC_[[C*G_-"KT"O+ M_P!IR;R?@'XV:)&;KO[LH_K0!^5]%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 ?J+^R=_R;SX-_P"O>7_T?)7P M#|5O^2I>,?\ L,WG_H]Z^_OV3O\ DWGP:_U[R_|H^2O@'XK?\E2\8_]AF_M]'O7W7"G\6KZ+\SYO.O@AZG*T4Z.-I9%1%+NQPJ],DD]A7]_@G]EKXC^.-CQ M:"^D6C"VK6";91[[",(/]%(K]!K8BCAX\U:2BO-GS%,E,J[0C<\FIT<;2R M*B*7=CA549))["OMCP/^P9HFG^7/XJUVYU:488VE@HMX?=2QRS#W&PU[QX7^ M"'@GX6V9ETC1M-T1(UVM>,!YNWT:9R6(^K5\OB>)L)2THIS?W+\=?P/8HY/7 MGK4?+^+_*^)7V6OB/XXV/%H+Z1:,GK)U+7KCSM2OKB^E[-/(6O],]P]C7 MSDZDZDN:,,;?F>M&,8*T59'K/B+]H[O]\6Z/2X+?2(CT8#SI?S8:?_':\TU?7 MM2UZX\[4KZXOI>S3R%L?3/3*HT5F4%%%% !1110 4444 %%%% !1110 444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%0O[,,N[1=[]Z_9=ES%XDC]&MV_/S*/=]* M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *\C_:RF\C]GGQD MV=N8(E_.>,?UKURO(?VM8O)^SOXR!Z>3"WY7$1_I0!^7M%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !15O2]'O\'+1N?-U;:78^/^N;AG!]F H\ M)I8XVD=412[LOJ/#OAS3],D Q]HCA#3$>\K9<_B:_.8_9=T^ZTOX">$+6]MI MK.Y2WDW0SQE'7,TA&0>1D$'\;X./]B?P_]WC#6=>\1ZS>:B+^_FO5L;11;QJ M'D9]CM\S-UZKLKZ$UC5K?0|)N|0NFVV]K$TKGO@#.![GM7SIXB_:.\0:ENCT MN"WTB(]& \Z7\V&W_P =KLP^,KX3F]A+EYMS"K0IU[>T5['LWA?X<>"?A;9F M72-&TW1$C7:UXP'FI?1IG)8CZM61XB^/GA70]R6\\FK3CC;9KE,^[G Q],U\ MRZOKVI:]<>=J5]<7TO9IY"V/IGI^%4;YYU)U)0MCZ9Z?A5&BL MR@HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ KW3]EW M_7^(_P#=M_YR5X77NO(+H/G>)#CC:;_SDH][HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M

Q7-H=DYR+/01 M]C5>.GF+^]((HSD5X?/<2W4\DTTC332,7>21BS,Q.223U)->S1R63U]SMZ'! M/,%]B)^FGQ$_X*:> ?#_)L'A/1]2\6W*XVSR#[#:L#UPS@R9'H8QGUKYC^(M7_!0SXM>-/-ATR]LO"-DVY?+TFW!E*GH#+)N8,/[R:*^9**]CEN&H[1N_/7 M_@'GSQ=:;?6WH:7B#O-K'BW4FU#7-5OM9OV4*UU[%R\\[Z NY)QR>]9M%%>D MDDK(Y-PHHHIB"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ K;\& ^"M=^(M7B"VT/PYI5SK&JW!Q';6J;FOW8GHJCNQ([FO9OVZB.9P#RMNAQYA[:N%^/)(P?TQ^%_P?\ GJ./@^6WT2V@TNU50U[JMZX M,]P1QNEE.. 11A1G@#->/B\RIX=\D/>GV_K\COHX651_RCT/#5/[!\4/CEH'POA:U+#<4=9 M*)]UNP&SC@R-T0=..O(P, I&3\]3327$SRRNTLLC%G=R2S$G))/^(^H ;M9NR\:D^3:196&' _=7/7W.2?6N6HHKZ M^G3A2BH05DCY&=2523G-W;"BBBM#,**** "BBB@ HHHH *? ##)M,KV+]F'P+_PE'CX:I<1[K'1@+@Y'!F.?+'X$%O\ @(KFQ->. M&HRK2V2.G#T98BK&E'J?3WPX\)V_PU^']CITK)&:6$SWDV>#(1ND8GT'(^@% M?+/C?O-)XP\4ZAJKY"SR?NE;JL8X0? 7.!GWS7O\ ^T+XN.A^$TTJ!]MUJC%& MOU$*X+_F2J^X+5\R5^0U^DJLW.6[U/\>G"-."A'9!1116984444 %%%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 5ZA^S MSH)U3QX+UES%IT+2Y[;V&Q1^18 ,!KR^OIC]G'0/[-\&SZDZXEU")@']K]#?V;/^"=^F^%S;>(?B: (=9U9<21:#&0]I >H)X_M6']T?)P?OBO MHCX, _7P+^SCX8E31;>*WD$>Z_US4&7[1,!R2\AP%0?W1A1Z9R:\Y^+'[4S, M9M+\&';OW7U>1,3ZB)3T_P!YAZX'0U\^\1B5EN-16/%OI5J0& ^7=VC7IR>W0^%?{2QS$^*V MO_$R^\W5+G99HVZ&P@RL,7OCNW7YZD\GH.*Y.ZNIKZYEN+F:2XN)6+R2RL6= MV)R22>23ZU%7T>]RJC@ES? %/O_EV/E,=F=;&/EVCV_S[A111?M'CA1110 44 M44 %%%% !1110 4444 %?=?P)\")(\,["WFCV:A>#[9=YZAV PI_W5"CZ@ M^M?+?P"\" | "=?$2QCFCWZ? 8_Z9=9Z%5(VK^+;1CT5?U1\;/% __BO@FX2 M)]M]&;6'1^Y (^=OP7//8E:^)XAQ7PX:/J]_T_KT/LLAPOQ8F7HOU/GSX]>+O M^$S\:7M[& ^^SB/\>V]/+4G! $DM_P*N1HHKXH^Q"BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@"2VMY+RX MB@A0R32N$11U+$X_.OMKPWHR>'?#^G;9'@K;P)%D?Q$#D_BX%?AKKFCW?AW6K_2K^(P7UC<26MQ$>]2(Q5E_ @U^] MU?EK_P %&?A+_P (/\9(O%%G#Y>E^*(?/8]_*MW'A91_P(&- _35^6 MI*B^NW]CRI M?\2>U_L_08GV76N7BD6\?]I=Y'Q_"O3(R5!S7Z> _W]FOP/^SGH3MI5NDV]> M43>Z_?[?/D &6^;[*'O]U<#@9)/->5B\PIX7W5K+M_F=M#"SK:O1'S=^S:_ P M3I@TUK3Q%\5-EW&/A!HT-O-Y M46_%C]J:*S:;2_!I6XG!*2:M(N8U(_ M $R4_>.?XCQOP&!S7S-]&H76]WDUY>W$EU=3-ODFFH3Q[;_6"+EL]!<]C]TOY$M_P #KS'X MZ>+O^$G\;36]+ [K+30;:/\X+@_O&_P"^N/<**]_^)7BF/P+X)O+N';%/L%O: M(N!B1AA<#_9&6QZ+7QXS%F))R3R2:_(<17EB:TJLMVS]7P]&.'1I1IV04445 MS'0%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%:7AG0YQ$VOV&EP2ZRZE6/=_='\3?@.G*/HK]GCPS_8_@ MQ]1E3;/]4OF#(Y\M=K.DC^U; *,LSQ [T'J6C+J!_>*^E>ZT5K2] M.E-5((IHB<5.+B^I^ E%>W?MB_!W_(4S\L7>4M;?O@MCYFQ_N3R.@YK.=2-. M+E-V148N3M%79YMI^GW6K7T%G96TUY>7#B.&W@0O)(Q. JJ.22>PK[O_&;/ M^"=,DS6OB'X]CRXN)(?#4,GS-W'VB13Q_N*<^J'*U],?L_\ [*7@K]GG35N+ M*%=5\1F/%SK]Z@\UPC'(B3V')'WBV*ROBO^U%9Z-YVF>$3'J-[@]^L-\T$ M1_V!_P M#[_=Z?>Z5\ /&8C'S]C@EIU?]:?F>BZ=*']PIKBG\OZW__'/22%7C MCPG\%_#=M;R+;Z?:POB.RTFPC56*CH$&& JCUX ^M?)OO0^-VO?$Z9HG_L_M1@V4TZ!CM.#D&1OXSTZ\#' %/#"BBB@ HHHH **** "BBB@ KZU_9/\" VJX7NO$ES'MNM4;RX-PY6!#U'^\V M?P537S+X+|+W/C3O5IFBVN1)>3",N!G8G5W^BJ"?PK[PUS4;'X<>!Y9H8ECM M--MEBMX>@) "OI^)P, C7R?$&*]G26'CO+?T7^; "/JO\ MPWYGA?I1'C#^V/]>C029M=-'[5IX:9@=?W4US<2&6>9 MVDDD;JS$Y) ,U%?P!IT%%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%:7AG0YQ$VOV&EP2ZRZE6/=_='\3?@.G*/HK]GCPS_8_@ MQ]1E3;/]4OF#(Y\M=K.DC^U; *,LSQ [T'J6C+J!_>*^E>ZT5K2] M.E-5((IHB<5.+B^I^ E%>W?MB_!W_(4S\L7>4M;?O@MCYFQ_N3R.@YK.=2-. M+E-V148N3M%79YMI^GW6K7T%G96TUY>7#B.&W@0O)(Q. JJ.22>PK[O_&;/ M^"=,DS6OB'X]CRXN)(?#4,GS-W'VB13Q_N*<^J'*U],?L_\ [*7@K]GG35N+ M*%=5\1F/%SK]Z@\UPC'(B3V')'WBV*ROBO^U%9Z-YVF>$3'J-[@]^L-\T$ M1_V!_P M#[_=Z?>Z5\ /&8C'S]C@EIU?]:?F>BZ=*']PIKBG\OZW__'/22%7C MCPG\%_#=M;R+;Z?:POB.RTFPC56*CH$&& JCUX ^M?)OO0^-VO?$Z9HG_L_ M1@V4TZ!CM.#D&1OXSTZ\#' %/#"BBB@ HHHH **** "BBB@ KZU_9/\" VJX7NO$ES'MNM4;RX-PY6!#U'^\V M?P537S+X+|+W/C3O5IFBVN1)>3",N!G8G5W^BJ"?PK[PUS4;'X<>!Y9H8ECM M--MEBMX>@) "OI^)P, C7R?$&*]G26'CO+?T7^; "/JO\ MPWYGA?I1'C#^V/]>C029M=-'[5IX:9@=?W4US<2&6>9 MVDDD;JS$Y) ,U%?P!IT%%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%:7AG0YQ$VOV&EP2ZRZE6/=_='\3?@.G*/HK]GCPS_8_@ MQ]1E3;/]4OF#(Y\M=K.DC^U; *,LSQ [T'J6C+J!_>*^E>ZT5K2] M.E-5((IHB<5.+B^I^ E%>W?MB_!W_(4S\L7>4M;?O@MCYFQ_N3R.@YK.=2-. M+E-V148N3M%79YMI^GW6K7T%G96TUY>7#B.&W@0O)(Q. JJ.22>PK[O_&;/ M^"=,DS6OB'X]CRXN)(?#4,GS-W'VB13Q_N*<^J'*U],?L_\ [*7@K]GG35N+ M*%=5\1F/%SK]Z@\UPC'(B3V')'WBV*ROBO^U%9Z-YVF>$3'J-[@]^L-\T$ M1_V!_P M#[_=Z?>Z5\ /&8C'S]C@EIU?]:?F>BZ=*']PIKBG\OZW__'/22%7C MCPG\%_#=M;R+;Z?:POB.RTFPC56*CH$&& JCUX ^M?)OO0^-VO?$Z9HG_L_M1@V4TZ!CM.#D&1OXSTZ\#' %/#"BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ KX@ :1 X)1 #;XU>(M+KO-X5U&X^& B;YD,T[:=;K-8S2'DR&WW*4VO\ 8]W^TU]$GA)3[.UQ?NFS '^1,VWH]C&<< 9XKZ _9' ,":, @:] ME7Q1%XN&N:EXN\8O026\5]E?7 M]]%4 # ' I:* "OC;X' P#1/*/]6WB+XM:!XUBC\-ZPU]YGAE=.*L(K@ M^9YF7^9C:DH5A]O1 ,YK]HH _)?]MSPPW]8G_!1+P?\-/"0>X 1XRQ@M-> MOTYCM$69J[4AOMVX>UMS%=9 M^[,SI(]I*%>#D'S8OQ'S#'HWK7S=3VE6:56"TB]%WBM& ,(^BA M,E!99-ZR6K[2>]1\[T5U?Q.\'7'PY]97VCS:GA4^9:3,/\ 6PMG:WUZ@^X-M2Z:\) $NK>"[CQ5;62OH\"N[2&50Q5,[V"YS&@8/Y5]9]8I%?$GP]'@7QRYMH8T\J&[:(1D!!3YA]QU M[$C! &?0TY/AE\'=%D-S> ^.YKZW7YA;VLB.S8['8A//MBO#IM&U"WL(;Z6QN M8K* <$Q7+PL(Y,'!VL1@\@CCTKH?AS\,]8^)&/MPV>GVIK:[A]HO64B*%,\DGN M<=%ZG]:\,>#IT>>K"LX1>KLU:_7IH>U#%U*W)2G24Y+17O>WZGT+|<;O2E_9 MWTS^R(&M=+N'M190S9WB//9>)SM&>IKPSX=?&;6/AW8W6FQVUIJNCW3;I;' M^3#;"OL_#OAQ6\Z[ATV+8BQP]9NOYQ@ %B,^HW_%T M9^+'B!3_(9^9L? #&B)FYN%9'4X9N/O8)VC^\S$YQS4/B*YA_9X^&::!9 M2*?&FNO^9>W$9YMXSD<'VY5??=B/3_@\),?%FHW.@>'?& M%]+XBA5]OVF(&"5EZ[<(.@>S'C)&0*]2UG2:G0=6O--O$\N[M]F@E7T93@X] MN*[[IG_3;P?&?0X5B=)K:64SJ1@OA8W#9]/3ZFL[XX74-Y\6?$TD!!C%T4]4 MY&Y5"M^H->MAY5*>*=!S-.IAE74%%\UM+[6OU['"T445[M!Y)U_P *\/!+_ _! \=Z9I&UC:L_FW3+_#"O+?3/"CW85II?$KO1'X%\$7EW#M MAGV"VM$7 O(P=M!_LC+8]%KS3]D_P)_8WA>Z\1W,O+Z3Q+/WZ[5SU M?I\)QJ14X,Z9^,3A*G)QS\'%K9GKMC%#/?$#O1>,[?10P7-SL!CMP0BA5 M"C&23T4=^M3_ \\=7'P[\21ZU:V-K?7,<;1QK=AB$++#!9<$8.,CZ$US-%1[M&FZ?L;>[:UO(OVT_:>UO[U[W\S?|<^-M1^('B2XUG5"GVB8!5CB!"1H!@*H)

M/']2367I6]7.BZE;ZA92M!=VTBRQ2+U5E.0:]454:<8P5.*TVL3*I*4^=O7> MYWOQ.^+FH_%;^SO[0TVQMI[/'_GBDCEY<_3<4'|'\MV5+BWD66-F17 93D$ MJP\((Z$8]JXH\5ZMXTU9]3U]\> ^O74(9&55 4= %4 ?0=SZUYM3 QDZ5.*2 MIP=[>?3Y;GH4|:**]5)-NI)6OY=?GL9-%%%>L>6>L_#W!I#Q#X!T*WT9+.RU M#3[?<(A,K+(H)+8W \C)/45H>*/VK/%FN6;VUA!.:.(KC#36X9YOP9C@?EGWK MQ;BO.EEV$E4]JZ:O_7R/0688],/9]H[$EQ<2W4TDTTCS32.7>21BS.Q.223U M)KJ?AEXWMOA[XF36IM(36)H8V6WCDF\L12'@2? =.2!D8]_6N2HKLJ4XU(.G) M:.XX5)4Y]<=T:_BSQ1?^.O$%[K&I2>9=W3[FQ]U1T"KZ # 'TI?"2MS84_!.N M6^K;30>TGS^TOKO?S/9-1_:@1W- MK<"RTK1]*O[E"DVH6NMWG'/<$L>? KFO'I)'FD>21F>1R69F.22>I)IE%94<- M1P]_91MUE>P5M^" "]QXT\5:9HEKD27DP0N!G8G5G^@4$_A6)7T MU^R-X%VQZCXLN8^6S9V>X=N#(X_'"Y]F%88_%+"8>57KT]3; X9XK$1I=.OH M>X:[J5C\-_ \T\,2OVFFVRQ6\/8D +&OXG S^-?'%Y=37UU-9VDDD: MJS$Y)_,U[3^TIXN%O>V7AV!\]:XN;G'])\C"+^"DG_@0KQ&OR5MMW9^IJ)*R" MBBBD.**** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ JQI^GW&]7T%G:0M/>5(XT:21R%5%&2O/ 'K M7U!\'/A0G@NO74M1C5];N%Z=1;*?X!_M'N?P']0#;.^%_P[M_A_H0A.V74K@! M[]X'=NRC_9'Z\FNSHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ H HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB

V(_AUXC_;(:BUS][' MQS9R67AW3[MH_#=B_P!V21 8XE7^\D"=6& TIS_"PK]+O%/B32//'"AO4];U^ M^M]-T6PMWN+R[NV"Q11,LS$]L5ROA?QE\,?!?AW3M!T+Q%X8TK1M.@6VM+* MUU&!8X8U&%51OKYM_P""M@U>Z_8QU271I';Q_M6ODU$PDD/:;SC.,J^;8#SQ MP* /A:T^%FK?M+?M(:GXO_8I\,:W\/-%T^5_M/B2YU$V-CYY)8F%54M$KC_E M@"_RLN4C7(KHOV4_'FE_L8_M*:A;_M*>!]3M/'^]S$V_C_5;MKS[.CC:T@^\ MKHQR#<(S,H)4\;L?>/\ P35\8^"O$'I)/@?3/"=Y9&\TJS\G6+*!U$\%X78R MM*G4;V)8.1R",$UX5_P6B\6^"9/@WX9\.7-W8W/CQ=:CNK*TC=6NK:V\]03. MP'*1L3$,'&XA2,[#@)N_P""G]\S?I({.$6>SD26&9=- >HP(,.:C:\]>X.1^ M!I/^"6:QK^PO\.2ARS/[9DY_B_M*Z'\L56E^"?B3Q_ !\$R['X=ZA#--X]F\ M#VRQ6\" L];M\.[/5+:Z\8^*GBM M1I]O*K56U]LJO++(H.55A'Y8SR2YQG:V/9/V _@_?_!'IE'P-X>U>%K;6IH) M-3OH).&BEN)&E$;#LR(R(1Z]: /H:BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB

*!1110!XE\ M7_V3?"GQ@^,'P_| B9=ZA]VA^+/!LZ26UUI,J)|KB63S!!,'1LIN+CC!*RR M]1CH?VB/V??"O[3/PQOO!/BV&4V4SK<6UW;-MGL|A00DT9/&X!F&"""&(/6O ME']OK]|SXEV/Q5\-_ +X&OS)X\UJ$37VH01H988Y VR.-GXCPBO(\U^XNT@@ MY(\2A_X)+?&OO?9I[//C#X[9UUEWF-I;R_"N1T,SR(>RY(7MWP* ,P\ _\$5? M#NC>,[. ^\7?$F^\4^&[*4/%HT.F"T;9 =WEO*9GPI8G(102,X*D)\?I+;6T-G M;Q6]O$D$$2"..*-0]HH& H X [5 ^4=MXZ_:+ X)F^-O#D/Q*\02?$;X-;I> M?99+P3279@!'/EM*/,AD49<1$F-]K ![U=9K MHA@$,|>0V1D9>;D$?+&H;-? KM7S _/M^2 ;R_?%C + S_P#H:4 >5?\ !(;_ M),V7]_L-7 _ *&M?7WB_P 5:,X%!*:SXCUFX%KI.DV'|/N"!YFP%8H@P M*!@(CTLQ4L=X"@ C9]'Z] P1|^ V16:]L:.^*/#M[!M*7MC]H=]P.=Q$[./R MZ<8KY]_8Q_;&|?>"?V>?#OP\^#?P+UCQ]^FM=2ZMKDH=;(7$L[R!?W:D'$; M1K\\B'Y> :]4T?\ X*G^.OA7XZT[0/V@_@Y=^!K. ^SMU*QCF0HN[;YBQ2Y$] M _>*/D=0&X% 'W!\0_&^G?"SX=^(?%FK.YTW0=.FU"X.?G=(HRY]6:&!ZDB MORI_9;_9XUK_(*8^./%7QA^-.MZ@_A>TNVT[3M*TVX\I1(LA@BW!O+@C21 M/N_,[-DMD-G[4_X*2>) [>']A+XB:E8W$=S;WII8QV\T+;DECFO+=0RD<$%&) MS6;_.$|]*CT_P#8?|#W$;*K7QJ5Q(1U9A?319/OB,#\!0!|C_MK?L(V [& MGAW2_C5|$?$&N:)+H=["E]#-=>8]L)&")- '(%!VERJ.C[@WF#MD'|&OV5_C6 M/VA_V?\ P9X^;&.VO-5M"+V"+[D=U$[13!1DD+YD;%0>=!%UG_M .DZ5\Z5^AX3_=Z?HOR/@<5_'GZO\PHHHKJ.4**** "BBB@#]HOV8_| DWGX M=?\ 8#M?_18KTZO,?V8_^3>?AU_V [7_-%BO3J_.*W\67]S|"H_PX^B"BBB ML38**** "BBB@#\7/VG/^3AOB+_V'+K_-&&O,]]-_:<_P"3AOB+_P!ARZ_] M&&O,I_1Z/*/HC\|K?Q)>K"BBBMC(**** "BBB@#]X/#_P#R =-_Z|H__0!6 MA6?X?_Y_F]>T?_ * *T* ,WN?H\=D%%%%(84444 %%% 'X/>(/^0]]7_7 MS+_Z&:H5?\0?\A[4O^OF7_T.U0K],CLC\X>X4444Q!1110 4444 ?O!X?_Y M.F_]>T?_ * *T*S____@'3?\ KVC_/0!6A7YF]S]'CL@HHHI#"BBB@ H MHHH **** "BBB@ HHHH **** /S1USQ)IWPC_P"""R5UJOC.XCT_2_$NB06VC MWUXVV*)WM(H5PW0;I8)H^>,R5^EU>"?MB^#_CZ]^'D'V>")?)% MNIVBV\63@K$(V$8OCB,D@GOC-'L_P#P6&^(^[A[0_P!E]?"U]<6Q^(^==U2V?.M3K,MF8+"^^68+_=^0D\9E KZF_9IT?4/#_[.GPMTO5E>/&[/PMI=O=1R#) M*EI&K*?<$$?A7Q=!\|@E]_A?XA6WQ'^?Q.3QUK5G=)\ ZYX.\0^'O"LFB;S:FVNDM[BRC (O!W@WPYX9@T6*XEN56\N[*;?* (06^8R].*_2F+PW<^/OA+'H/CZQM7 MO=9T5;+7K.T),'F2P;+E(SD_+N9P#D\8H^>_P#@EGXAM->_8D\"16[HT^FR MWUE=*N/DD%Y.X!QW.#/!>C'?#X=T[6-GE#$%U MC2.201EP &DD)/V--$TN*16GVZG?Z?-'D94O.UR.CT(N!^OI7UY- MX9TJX\-2>'GT^W_L-[0\#9>]!8?LY39Y04.+3P M;^QC)69KJ54DO[./3+=&ZR23RHFT>[!"EF^BDUR?_2?\+W/AQ\ 8O\ #4]S M#Y+:M? 7NH(#U*&8QJO^HBR/8BOGO7/V9?V]_VZO%FAQ?'?\ L_X=?#S3+G[2 MVEZ:\6YSR&,4222L9"N4#S/A Q*@Y(;],?"GA?2_!'AG2?#VB6B6&CZ5:OV5 MG:Q_=BAC4*BCUP .3S0!JT444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% 'Y-?|% ?^3G_$7_7M9_| L.E?.E?1? !0' DY M_P 1?]>UG_Z3I7SI7Z'A/]WI^B_(^!Q7\>?]_P PHHHKJ.4**** "BBB@#]H MOV8_^3>?AU_V [7_-%BO3]\Q_9C_P"3>?AU_P!@.U_]%BO3J_.*W\67]S|" MH_PX^B"BBBL38**** "BBB@#\7/VG\ DX;XB_| 8K"BBBMC(**** "BBB@#]X/#___" = M-_Z|H_| T 5H5G^`_P#D Z;_->T?_H K0K\S>Y^COV04444AA1110 4444 M?@IX@_Y#VI?]?,O_*&:H5?\0?\ (>U+_KYE_P#0S5"OTR.R/SA[A1113$%%%% !1110!^\'A__D Z;_U[1_| H K0K\ #_| MR =-_P"O:/\ ] %:%? F;W/T>.R"BBBD,**** "BBB@ HHHH **** "BBB@ H MHKA?A?\ '+P+\;?[;_X0CQ';>(ET6Z^OW\E]D@2*;GY=S* WW3RI(]^;.ZH M](@->TQM8.DC4:0ZJL?G&Q\]?/"?W]F=VWWQBK] !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% 'Y-?|% ?^3G_$7_7M9_| L.E?.E?1? !0' DY_P 1 M?]>UG_Z3I7SI7Z'A/]WI^B_(^!Q7\>?]_P PHHHKJ.4**** "BBB@#]HOV8_M^3>?AU_V [7_-%BO3]\Q_9C_P"3>?AU_P!@.U_]%BO3J_.*W\67]S|"H_PX^B"BBBL38**** "BBB@#\7/VG\ DX;XB_| 8K"BBBMC(**** "BBB@#]X/#___" = =-_Z|H__ $ 5H5^O<_1 MX|(****0PHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /S1USQ)IWPC_P"""R5UJOC.XCT_2_$NB06VC MWUXVV*)WM(H5PW0;I8)H^>,R5^EU>"?MB^#_CZ]^'D'V>")?)% MNIVBV\63@K$(V$8OCB,D@GOC-'L_P#P6&^(^[A[0_P!E]?"U]<6Q^(^==U2V?.M3K,MF8+"^^68+_=^0D\9E KZF_9IT?4/#_[.GPMTO5E>/&[/PMI=O=1R#) M*EI&K*?<$$?A7Q=!\|@E]_A?XA6WQ'^?Q.3QUK5G=)\ ZYX.\0^'O"LFB;S:FVNDM[BRC (O!W@WPYX9@T6*XEN56\N[*;?* (06^8R].*_2F+PW<^/OA+'H/CZQM7 MO=9T5;+7K.T),'F2P;+E(SD_+N9P#D\8H^>_P#@EGXAM->_8D\"16[HT^FR MWUE=*N/DD%Y.X!QW.#/!>C'?#X=T[6-GE#$%U MC2.201EP &DD)/V--$TN*16GVZG?Z?-'D94O.UR.CT(N!^OI7UY- MX9TJX\-2>'GT^W_L-[0\#9>]!8?LY39Y04.+3P M;^QC)69KJ54DO[./3+=&ZR23RHFT>[!"EF^BDUR?_2?\+W/AQ\ 8O\ #4]S M#Y+:M? 7NH(#U*&8QJO^HBR/8BOGO7/V9?V]_VZO%FAQ?'?\ L_X=?#S3+G[2 MVEZ:\6YSR&,4222L9"N4#S/A Q*@Y(;],?"GA?2_!'AG2?#VB6B6&CZ5:OV5 MG:Q_=BAC4*BCUP .3S0!JT444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% 'Y-?|% ?^3G_$7_7M9_| L.E?.E?1? !0' DY_P 1 M?]>UG_Z3I7SI7Z'A/]WI^B_(^!Q7\>?]_P PHHHKJ.4**** "BBB@#]HOV8_M^3>?AU_V [7_-%BO3]\Q_9C_P"3>?AU_P!@.U_]%BO3J_.*W\67]S|"H_PX^B"BBBL38**** "BBB@#\7/VG\ DX;XB_| 8K"BBBMC(**** "BBB@#]X/#___" = =-_Z|H__ $ 5H5^O<_1 MX|(****0PHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /S1USQ)IWPC_P"""R5UJOC.XCT_2_$NB06VC MWUXVV*)WM(H5PW0;I8)H^>,R5^EU>"?MB^#_CZ]^'D'V>")?)% MNIVBV\63@K$(V$8OCB,D@GOC-'L_P#P6&^(^[A[0_P!E]?"U]<6Q^(^==U2V?.M3K,MF8+"^^68+_=^0D\9E KZF_9IT?4/#_[.GPMTO5E>/&[/PMI=O=1R#) M*EI&K*?<$$?A7Q=!\|@E]_A?XA6WQ'^?Q.3QUK5G=)\ ZYX.\0^'O"LFB;S:FVNDM[BRC (O!W@WPYX9@T6*XEN56\N[*;?* (06^8R].*_2F+PW<^/OA+'H/CZQM7 MO=9T5;+7K.T),'F2P;+E(SD_+N9P#D\8H^>_P#@EGXAM->_8D\"16[HT^FR MWUE=*N/DD%Y.X!QW.#/!>C'?#X=T[6-GE#$%U MC2.201EP &DD)/V--$TN*16GVZG?Z?-'D94O.UR.CT(N!^OI7UY- MX9TJX\-2>'GT^W_L-[0\#9>]!8?LY39Y04.+3P M;^QC)69KJ54DO[./3+=&ZR23RHFT>[!"EF^BDUR?_2?\+W/AQ\ 8O\ #4]S M#Y+:M? 7NH(#U*&8QJO^HBR/8BOGO7/V9?V]_VZO%FAQ?'?\ L_X=?#S3+G[2 MVEZ:\6YSR&,4222L9"N4#S/A Q*@Y(;],?"GA?2_!'AG2?#VB6B6&CZ5:OV5 MG:Q_=BAC4*BCUP .3S0!JT444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% 'Y-?|% ?^3G_$7_7M9_| L.E?.E?1? !0' DY_P 1?]>UG_Z3I7SI7Z'A/]WI^B_(^!Q7\>?]_P PHHHKJ.4**** M"BBB@#]HOV8_^3>?AU_V [7_-%BO3]\Q_9C_P"3>?AU_P!@.U_]%BO3J_.*MW\67]S|"H_PX^B"BBBL38**** "BBB@#\7/VG\ DX;XB_| 8K"BBBMC(**** "BBB@#]X/#_M^=-_Z|H_| T 5H5G^`_P#D Z;_->T?_H K0K\S>Y^COV04444AA11 M10 4444 ?@IX@_Y#VI?]?,O_*&:H5?\0?\ (>U+_KYE_P#0S5"OTR.R/SA[MA1113$%%%% !1110!^\'A_|Y_F_P#7M'_Z*T*S_#_/R =-_Z|H___$ 5 MH5^9O

*"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@#\V/\ @I]_R5OPI_V Q_Z42U\;5]D_\%/O^2M^%/\ L!C_ M -*):^-J^^P'^ZP|#X;'?[S,****[S@"BBB@ HHHH_63_@G_P#\FO\ AS_K MYO/_$H>OHROG/\ X)__ /)K_AS_ *^;S_TH>OHROSW% P"\5/5GWV% @0|% M^04445R'4%%%% !1110!^37_ 4!_P"3G_$7_7M9_P#1.E?.E?1? _!0' DY_ MQ% U(6?_ *3I7SI7Z'A/]W1^B_(^!Q7\>?] S"BBBNHY0HHHH **** /VB_9 MC_Y-Y^'7_8#M?_18KTZO_?V8_P#DWGX=?]@.U_]8KTZO$M_V4_I/\ M#CZ(****Q-@HHHH **** /Q< ,:< Y.&^(O\ V'+K_P!&&O,]!- ,: < Y.&^(O M_8C_ H^B/SRM_$EZL****V,@HHHH **** /W@\/ P#(!TW_ M *]H_P#T 5H5G^'_ /D Z; U[1_^@"M"OS-[GZ/'9!1112&%%%% !1110!^# MWB# _)#VI?\ 7S+_ .AF]%7_ !! R'M2_P"OF7_T,U0K],CLC\X>X4444Q!1 M110 4444 ?O!X?\ ^0#IO_7M' Z *T*S_# _ " =-_Z]H_\ T 5H5^9O< 1X M\(****0PHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /S8_X*??\ )6_"G_8# M' I1+7QM7V3_ ,%/O^2M^%/^P&/ $HEKXVK[[?[K#T/AL=_O,PHHHKO. * M*** "BBB@#]9/^"?_P#R:_X<_P"OF\ ]*'KZ,KYS_P""?_ | R:_X<_Z^;S_T MH>OHROSW%_[Q4]6??87^!#T7Y!1117(=04444 %%%% 'Y-?|% ?^3G_$7_M9_ |_L:?.E?1?_!0'_DY_P 1?]>UG_Z3I7SI7Z'A/]WI^B_(^'.!Q7\>?]_P P MHHHKJ.4**** "BBB@#]B0HHHH **** /Z_P"3>?AU_P!@ M.U_]%BO3J_.*W\67]S]"H_PX^B^BBBL38**** "BBB@#\7/VG/\ DX;XB_\ M8K"BBBMC(* M*** "BBB@#X/#___ " =-_Z]H_\ T 5H5G^'_P#D Z;_->T?_H K0K\S>Y^ MCQV04444AA1110 4444 ?@]X@_Y#VI?]?,O_*&:H5?\0?\ (>U+_KYE_P#0 MS5"OTR.R/SA[A1113$%%%% !1110!^\'A_\ Y .F_P#7M'_Z *T*S_#_/R M=-_Z]H___$ 5H5^9O<_1X](****0PHHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BO-/VC/CEHWJ.?P=\1>/-:VR1Z=!BUM- MVUKNZ;Y885_WFQD]E#'M7YW? L@?M_?'GXG?M8^"_ CNYT^/0_$22W+Z>NEQ MP,D#64MS T;#YP"\&PW%LJ1ZYH_5RBJ&O:Y8>&-#U#6-5NH[#2]/MY+NZNI MCA(8HU+.['T"@G*_ -&S_;2_:6_;*\>^(-._9QT33?#'@[2'\LZYJT,3RD-N M"-*TP9_S8W")(V*]RPYH_3VBORX;|M_]I+]COXDZ%HO[2&BV/B#PIJS8&M: M?;PI+L!42200 %C@"U1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%

*XL\-7R:EH6KVRW5IVD,<]I%AFT2;E/M$CK#"6' M=1)(A([@$9'6OD/X+_\ !-?P%|>O@OI'Q ^*NO>(/%OQ"\;:=#K=SK\>1E6M M?/C62..)<%#L1E4[PPR"% 7 !^B5%? E3X5^/'BW_@F3\?K/X/>/O%7_ GO MPEOH(KRRO&W/>:+;R.Z*^SDJJLAW0@D$ .F"2K?J=87]MJEC;7ME<1W=GI M?$SPAHVOQ:%J'BK1+'6Y2JQZ;+$U1FE>ZD4.[HK HR[B<;PS$=6SS0!]ZT5^6OP-_ M:L\3?L- M!7W]/GQ@\51^,/!EK+!;Z?XF+LTNE++&KP"7<2PB*,NY&)\OJI* M#G]258.H92&4C((Z&@!:*** "BBB@ HHHH **** "BBB@ HHHH *P8?'WABX M\1/X?B\1Z3)KR?>TM+Z(W2_6+=N'0]]^:/\ @HU\9_$OPX^6OA3EPX,U0:!X MF^(&NP^'H=9WE&I(7XEE5ARK99W#@D!F(P0#7!>((/^"/?PEN0/,5KH>M>(M(M\;6X$T?BI[PS22W(YWR0\+MW$/C%]7[.O MQKUNWUK7]-U&71M)\6),9!=7$;%/LTSD LS$81VPQ;Y7RQ!K]': "BBB@ HH MHH **** "BBB@ HHHH **** "N;T?XF>$/$6MRZ-I/BK1-3U>$,9-/L]1AFN M$V >S&K%ACOD5\F_|%"OB%XBUCQ9\)?@-X:UN;PM_P +(U)H-7U]W8K+%8HR M*T49!ZOO;(R,[I.':L+Q_|\$A? A?)X5A;%ZKKG@GOOIRB6PUQ0!F$DZ@ M;6F'5&_&$EU'H/'B'2M;D86V3KIM[%<& M%LXPX1CM.?6OC#[L35M6_;&_;F\" LQ6^OW7ACP?J&EOK_B;ZTZ;R[]^B'F[M;1=^-/_!+KPY\.]#D\>? GQ3JOPV\9^';=[V)[C4G> MUG6-2S!Y&^>,D Y.2A'#+@D@ _0VBOC/_@GG^WE%^U1X?N/#/BL06'Q)TB 3 M3+"NR+4[<;1]IC7^%@2 Z#@;E9>#A?LR@ HHHH **** "BBB@ HHHH **** M"BBB@"O?:A;:79S7=[6>=PD<:CJ68\ >YK**^//#/CJ&>7PWXBT MGQ#% P6632KZ*Y6-B,@,48X/UKX;^-VFS?MH_MQ7_P !=K:SI_A_3YK_5+ZVTVQA&Z2ZNYEBB0>K,Q 'XU#X? M\2:1XLTU-0T35;+6;!SA;K3[A)XB?0,A([COWK_4|$V_P#P44 ;P^*>B^.] M6OH?AE|*KU-'L_"NGW;0K>WA>:-[F8@9ZMOC[P<% " &WL>$]9N#-;W4"TA0*WGOMPVYU9"2M,L&SD!0O)?M _!GQ#_P2]U|2_BI\&?%DTG@K5M2CT[4O!.MSF5;BI6=3:E7L<$&F KQ<2(Q'F*#V# M#'&%0%[^QY^S#<_L|>&-}U+Q-K7_E'Q*\7WG]I^)=^ M"0"2["'C"[?05%%% !1110 4444 %%%% !1110 5XI^TK^UUX[9;TO3Y/% M4]W?ZUJC;--\/Z/$)[^\.0N50L %R0-S$ G@9/%>UU^>OPYUO0Y? ^"MWQ.M_ M'J0KX@72+6W\'&^.Z-$$$+.L&[@2,C2-QZS#.2<@'H?PK X*/?![X]ZQ>?#S MQ58:KX!UC4HFL6TSQ9L-T)4VF$2]WRLP8@!PF|_VE_^"?'B MC6?#'P[\'-\9? A)I=V\SI5N");BP=S]UMOS1GIO.TQMC<"A+"O6_^"]W@OX: MZI^SO=ZOXHTJ*K\<>=%8^%9[10M_-:>2, (5(L+Q[=S,AXPO&&VFLG_@G_P#' MKQ[X>\9:Q^SC\:4E3QWX;M1=:1]%Q)YC7]D #L,F?WA564JW4H&!P8SD Z+X M_LR^,_BGXT\2_%O]I'3K"?Q'KFER:%IO@V)A+::/ID@(D0X9AYD@)'#$@,Q M)RV$YW_@E:;SPGI_QN^&8NY=0T#P5XTN;+3+J53\R%Y$8_^A,"OCL9">]>U? MM7>+/CE:6NE>%?@KX-MK[4-><22&?QP???L<=OH>, NT3*;U/-@\/ M:#"L]V(SG$DFYE5%)!QD[C@D*0#CZ%K\]_V!=8T;6?VN_P!I>3Q9%"OQ6'B" M86WVP[IDTU)9([EN3_H$(.JF+[.@\Z)X). ;Z^"'[?7@WQ)!*;B!U#PW]^N M6MQI;W;=?GMV#,CNA4.%SN&W)7 ->& #/Q%^US^Q3I\OPLA^%W "XO M#5]SIX=UNR:3RX(R20KNN2L8)_U-\LY499$)3$APR,RD-M#"O7/V _VFO$7Q:\/^(? MAY\2K>2P^+/@.86.KI.NU[R($JEP>Q;*D,1P?E<<. #FOA1^Q#J/C?X??$[MQ'\?I;75/B5\2+0Q7VPAX="MT :WA@0 :)UC?O'I!\EL%FUO\ @E#XTU7Q MC^QOH$>]O),=&O[K2K6:3.6MT8.@SW"^84'H$ [5L?M>77QX^(VJ+\)?A;X6 MCT70->L]NK_$6^NT]TMG)2:**('>),<9Y8AOE ^^OMOP'^#.A_L^_ "?P]X" M\/:WT[2("AN)@!) <2LQ>65]?Q.],V.@R . * ,^HHHH **** "BBB@ HHHH M**** "OF'JHC_@'U)@@#XP'@V/3=;|=^,T02W.B^&;99WLT(!S,Q8!25.=+H MW'&*0H()^FYO,\[*"F7:=+N_IGMGVK\^? ^"1NM:-]NB_%9M;:)OC'+XEN+CQ M"]UC[9)$VW:?78)O/! Z,>>]T =O:_'KX*_\%_A%XE^%U[]MWX?\0WUOYB:M3]T2PWMO-$P>.>(!BLRJZ@LJ-G;D,%S7E'P||>_MK? L\Z"OPG_X53:_$9]/C M^R:%XL:XS;I /EC\R3>]LBC&%D,;@#!SBH?^"DWPBT3Q!\?M*?"][3Q-;? MV=|1/"UU_9/B.Q:+RF$RY"S>7_!OVN"O&'20 4 >-ZY^PW!HO[&?Q?F^)N MH0^)OB=XBMKCQ:]^O%01;7|O!))'"W'I^/.B9&,B60 !2%'M_1 >KX M:&U^&.K:VTDFH+82)UCRV#"IE21\IQ+;Q,2-L,<2<[SDUP!57A'XZ?M,>-+KX M-Z'H<7@/X1S>3)K? CF6[2:?4K?Y6:"WB4[E^8%2I'S;1N94;#_4WP\|Z/\ M"[P-H7A'P_;FUT71;..RM8V;I/WOAM7;O%;Z!?S::L9PQN5MW,6T^N\+ MBOF'_@DS-X+OOV3=/;0%M7\2&]N1XG;@W+W1F-(X_L2^/KQMMHJ?=^T,^?(DD !;_MF?#I?!O[8FE7O[,>EMI?Q0T+1;GQ'XGL]#(6V6--C(I@ VF25"P>(M?ZP/"\N6);]!/V4? VA[, :@^"6A^;;"),.ZF!M=3L5.1:7D8 EC![KR&4GD] MZD\Y% "QU^0>Q5X>^#/_!/>_,]ZV\/?#%ZGB:?Q22QGN=2GFACN2'/$;&4 MHHSSF*-CR":^]O@7XLO_!Y\$_A_XEU5=FJ:QX?T_4+M=NW$TMM'(_';YF-? M*WQK^&7QG_;2^)TG@#Q-X=?X9_ ?0]2$NH7+7LPG9&< @'A2= MQ+.H1?MG3["WTJPMK*SA2WM+:)8888QA410 J@>@ HL4444 %%%% !1110 M 4444 %%%% ",P522< AZ#XG\>Z=I#[-3UWP] M:QO8VYY&%D=UW\@_-PIQ\K-7L/[=%]KVG?LA_%6X|-M(F])HDOSQ$AU@)47# M CD$0F4Y][YO_@G9-X&U+]CWP"%X.CLVMUL%@UJ*-5+G4MH^UB8=2Q,((7XA^"KS]2I=$.UMB M+&%&209&Z(8)&XUQUO\ %3]M[XM>&?\ A6,WPPL_!&M7"28-4^(-S)Y,44)4 M*\T05ROF8R=T_ D_(JX!'B_[06CWWP=_;\;>./V7M+ ^S#P#I$6I^-K+3V/] MG>:\Q$UMY*X!7R\.Z*<*8Y&7:T=?]'\"/C)H_P ?OA%X;|?:""MEK%KYIMW; M+V\RDI+"Q]4D5ESWQD<&@#X- ;'T_9G\+?\S_ +)?PTUWP6_]G^*?AOK%K]@U MMEQ30M;37%O'"!+#!C9E!*D M=B"<5]2WWP8^+O[9WQHT? 5/C%X:C^7PC\%ZDUUI_A%;U+]XU]Z1B%EF=#M\ MOCK@?*5T$ %%%% !1110 4444 %%%% !1110!7U#4+72=/N;Z^N(K M.RM8FGGN)W"1Q1]"S.S'@ $DGH!7Q%XB_X*_?!C1/$\MC::3XLUO0H9_L\O MB2QT^/[&6]4#R*[+TZJ#CH#QGH_^"KVK:_I/[&?B-M#>:*&XOK.VU.2!BI6S M>3# D?PI_E(1W#D'@D5[? !$='^"BS]GKPKI_A+2]+O_ (=WVDPI!IY@26WD MB*CI^//"RF"$0RB M/[9 "SFW99 -D]F5P8I=H9)F! ASS6]>+/VK_P!L[08OAE]_PT_X4SX9OB+? MQ1XGN# (CSVP($L=O')AL.,C:N\,#@N%+$_/FG^,]1_93_:.^)GQ1^ VEWNI? M +P]K=KHWB*SBN3-9W!D7]]Y.?X8Y-RQR9.TO'R4DP?UYTOQQ:<^OAS;>+_" M\+> (;2_TL:GID$+K$UZKQ>9$@9R%0MD#YB \>&8- 'P9^UU\(-_9G^+WI+7 MC3X>6JZ1]=AK=GX/EMH>9=0LB%C7?C&\A&949CRWG+GH*_I8KY8/X5_!7XI?M M*?'[1/C/\ TG6:2&8D9NKAA_$"JL.A+(APJIA_MR@ HHH MH **** "BBB@ HHHH **** ,CQ=XNT;P'X9U+Q#XAU*WTC1--@:XN[ZZ?;'% M&O4D_H .22 ,DU\4R?\ !7_X56^M1F?PEXU@\ (SS_9[?Q0^G(+:9@6#,J[]Q M4;<|9?&K-)X&F\76]^(XKOW ME3OBOKF/1?A_XY^$UO9)8Z'JWPYO--0PP>5&VG-9[5*C&P(%P0>,8[8H ^. M/VB/A+XG^(GC? PQ^U1^RQK]AXB):"VO["*=3#]LH"[<,5&\+%V M]9$YS[C2OVD/V\)-(\(?$?P*/@W*&,B.Y\]9F6]UCRV#*"WC5CO5"RY^[@< M$LQ 4 ,>?+>L?LA? $K7OB9X&LM1O/V5M8\7W'A^1)I6G"(FW9=Q@C<,!CL M8\N$,;G< ;_7GQIXKU'2?AYI?B+PKHA\::A%9&[T_2K6Z2'^T#M#*]2ME1N! MR#S[9H ^' CEX.T X" |%'/V? _$7@>SCTM_&5O-H6KZ;918CE@B5(A(RCT1X MSZ#[,I[&OT(KX[_9O_9[^(OC?XUR?M _'=+6P\71VK67AKPC92;X="MG!#,S M D&5E=QC)_UC$\D*GV)0 4444 %%%% !1110 4444 %%%% '*?%#XI>%_@SX M(U'Q=XQU:'1=!L%!FN9&?\ @K[&-:\56^F:KI7 MBKPKI=VV+;7-6L(LSC(9A'([A3D'(4X'7%8\ P4CUK3K/]H#[F>+

>+/V<_$-VW]F:OL, MDND2L22"!T<!;N_UG2/#&AZ!=S*$W=]8:?# M;R2.6+NB@MTSR>U?"OQ0\>1_P#!2CXN>$_AY\/[*XN_@_X0U]+7/$OB^XMG M2WO)HE94M8-P!.Y9'7GD[!V-] O] _L]?M$?$GXG_'3XI>"O&/PPN?",A>&I MR-+UIE<)<)YFU%=F^61I$_ >]T7RA00<|$_0VEZ38Z); 9=.LK>PMM[2>3:Q+ M&FYB69MJ@#)))))[DT 6Z*** "BBB@ HHHH **** "BBB@ KYW\1?ME:'%^TU MX?\ @KX3T.\|\;:Y*$MXAO=-D7R-!B" >E)&&8$KN7(V[@,ER$K; _&R[KXIV M?[//BB7X/1++XQ$0QLR;I;?GSFM1T,X7[HZ]=N6V@_-'_!-#XF_ WP1^S?KV MMV^HQZ!XKTM/MGC]U^4&]:7<0)=V,M 68K&JC.YBI!=B6 /T$HK\/%7_]6 M/6(OM7B/PA\ O/%7B3X7VQTO3X%MK"Q@C6MO>]22(XT4*B@GG@ #GT]Y110 4444 M%%%% /1110 4444 %?-WA/\ ;4T?XE?M0S?"7P-X?NO%FEZ7:S/KWBZSF7[% MILZ@[(^F) 64IN#?>/ 8*Q&3_P %(O\ A;?_ S7] | PJ)? #^H0^&M.TA8_^$EBOV$FI MO]++CYPHW3&0@^7M&T], +M8* ?6L_ |:5[Q9I*6_BZ3]GCQ/#\)9YECC\2W4DD;2QE@!*#Y'D@D M$83S,,00'ZX^T]#^,UA\1/@6_P 2/&[:R>8;K29M0T03XF$'_AIX1L)=(\(1ZC#LN-4D<2+)=$? MW0)9.>0$^,'BS]I7X*W6K_$OX>_ |^)7[7T^GR:==VIK!>P]% M_>"&;+!/IVY^SI-9]M_LG:_E@D_9S+&+CIV\DRY]LUQ/PM_:*^&_[M./\ P3]^&OC9_P#D!QZ'9VEMI^G]#/>ZD4(FA0$\R&=9RQ)XVN>U 'UW63XL M\-V?C+PKK/A_4$WV&JV4UA<+ZQRQLCC\F-?GSXB_;P_:?^%MO:>/_B%^S_:Z M5\)[1"RVTC'4,.%FP&F/FL8VY_>PQ@G_^4FOK#QM^T5)=?LMWOQ=^%>AR? M$)I-.6_TW2X"0\N7"2!U7+;HOG+QCYLQ,HYH ^0_V9/^">OQ#UC4M#TO]H#4 M(]1^OPZN)[?PQX5AF22VU)FF>7[7,%,67P]/\ .0 K!54]_P!F>/?V5/AI M\2/BIX0^(FM>'T;Q5X7D62RN[9S")-G,2S!<>8(VPR]",=*0;_[-OQ.\0_& M+X*^&?vWBGPI<~"]=U&%FN=)NE92I5V42*K?,J. '4,,@..O#'TV@ HHHH * M*** "BBB@ HHHH **** ,WQ'XBTSPAH&HZYK5]#ND:I=;O=7=Y<-MCAB12S, MQ] :^?/V8? VIO%W[3?BS6-6T[X;SZ#\'XXGCTCQ1]EUY=UJ,Z/M)6WQ_JR- MW()"E<;B257C_P#@K))]Z?L6^)AIF_[,VH6 U'8"?]&\]3SCH/-$-=5\0OV] MO _[.G[-/@'7/#>G/XB.NZ? 9V/@[PUI2XFU%VA3RXU50Q55!4-@$@D* 6(! M/INL7Q3X*\/>.;%++Q)H.F>(+-'$BV^]6<=S&K#HP5U(!]Z^ -:_;I ;7_9_ MU+2O$GQU^""FZ=|.-2F6-[GP^Q:YL Q(4.PN)5#XP=D@3<> 5.0/I[]I'H3 MQ#X% 9O _.%E_"7PW'\2);E+>YM5A#R1+:2C<;HQIB215&W*K@C=DX"MO!K? M'K]H7X=3?;Z/H.D6F)+R4#=Y4**]=1EFV],[O"?\ PB_@?Q=:23^# M+FZB9+F81&0;I')V.)?*F'R|*Z! 6SDZOC+]FWXE_MA_M(:C-\8[1O#?P2\& MZ@RZ)X9M;H/_&^X^[!OS7I7PK^(FF_%KX;^&?&>D-G3 MM>_LB_LA^);'Q0OQJ^/-Z?$WQ?O(52R MM;AEDAT" +A8XPN4|W!.67A=S8)+,S>X>$_V6OAQX'^-VN_%?1-!73_%^M6I MMKN6&0K =S!I)%'B'RB20[FYN^W//!9BWIVD7DNI:397<|I+I\|"2R6DO!DA9 ME!*-@D94G!QOQ5N@_ HHHH **** ."BBB@ HHHH **** ,"^-WQN\)?L]_#S4? M&7C+45L-*M!M2-<-- =3$'9#"F1OD;!P.@))"@D?*O[&/[>WBWX[?'3Q#X%^ M('A6/P@VI6"Z]X5MVC>.4V9"D1N6_P!:6C82AP%!VR<8V@/\'_LO?$#]IKX\ M77Q+_:,T^'3_ WX_:1\/6[&||*ZG'I6KK#P9K-RSHA/92IN8B?^FZB@#]!ZYKQ) M\,_!_C+4K74=?|*:'KFH6G_'O=ZEIT-Q+#W^1W4E?P-;V@:Y8^*-!TW6=,N% MN]-U&VCN[6X43[LD4BAT8>Q4@_C7SW^U9^T5]2_@AXV^VF^"OA=<^.J&\07_ M -EU.\MPI-#EE"Q)LXC<@L^^7Y,*1V)4 I?M=Y M-1U:,28%0613_ !!%"1[N^S/& <#VYM'L)-4CU-K*W;4HXC EX8E,RQD@E M ^,A20#C.,BKE !1110 4444 %%%% /1110 4444 %?G5^S/?^#OC%^W#|>- M=^*UQI]YXY\,;JVD>&= (UQD\NRTZ&:9/,MXW^5F^5"6 R/,+?|M,U^BM?-G[M0?\ P3Y^#O[2?BO_(2?Q/I-I8>(G18[C4M%NOL\ET]C:OF]596(W;=V ! MG !\L_$SXI?!|]F7_@I9:^,+?6--\/>'IO!DG]OKHD)S2> ^>615B\N!6Q* MPC@(Y#KZQM,FF:E:O;33(H)8Q[AM M? &2%)(',,5]M1 M*V"^&--U&;PGX@31]DJ:B6\FL{>)IX MFG3S02#*R$EAZ # X.A^U9X'|*ZA^WM^SSIWPRTZSL?B/9ZH-3\2OHT(C$6F MQR1/NNMF!EHQ<*,\E7 /#)0!]_%;]HGXF^!OVKOA_| #S1OA;=:_P" M>A4 MWWB2%)&,#-(5=PZ_NXTA4*S]_P S!AMQON^E*** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH ***HZYK5GX0@D$BA>@|O(^|:^LZ /#/AC^R'X/^'OQ>|6_$^_N+WQCXXUV]DN(M M6UXK-)ID!X6WMA@!%5?E# 9V@+P.#\R_|%&+'1/B1^T/^S_X))O177O:CU^ M&\]DN+-=TUAIRNKEYRO(4%3* >BQN1C=S|K?&;P/XA ^(WP|U30?"WC6^.'VMW M07R=>T^V2XD@PP)&QR,@C(.^5E8=F'?S/[FJBWP?^3-WU_XQ\?ZL# ; MGB[7',EW<9(+*F2?+4D GEF8@;F. P ?0=%% /1110 4444 %%%% /1110 M45XC^U9^U9X7_97|\C5=5#:KXBU F#1/#MLW^DZC<< E8P2NY\'&0 "Q5 M3SW[&/A+XRVN@^(? &OQH\27%QKWBVXCO;?PGC%MH$(4A8D4YV,RE=R |; 6+ M.6- 'T?39%,D;*&9"P(#+C(]QF]FMZQ:>'=%O]5OY##8V-O)=7$BHSE8T4LQ M"]"3@ | $GM7QU^S_P#$#XK?M>?&]T^*EK?:E\/_(S'Z$T\&BZ.0%G\3,04: M:X4Y!C!Y4*5"I\VIP >2M'LW_L>^3?V=KS6]=CNKOQ?XZUNYEN-0\7:YMDOY ME=RWEAOX%Z;MOWSR> H7YI^/&FZ)\0O^"H7P8MO 44,WBSPI#)>^+|ZQ7*PV MR#,:3LO ?863GG|_$I["OKC|HIX3^+_C)X%30?!WQ+U+X87K7"M/.Y'0\Y#(ZG(P<@|9OI,O[)W@C]EGPY=V7AF*XO]9U)A+JOB#4F$E[?R M9_M,? $C6O@ M_P# /QUXT\/:=%]NLZ)I5QEW Y*HN7(!&0A&1G-?%G[$O_ 4, M\23:]I'P_P#C_*+/5?$D,>I^&O% M?B!=ZIX(\%0036_A+P##,T:S6TJE3M8?'GB? 4[;?::3$?B+NRE@PY&Y0GSY:/O/ MV;?V5?BJ^Q-^TA:Z!X+DC\, 6\51L85XV^:.";3I8D/[Q@.2,R<*%!5U:! MP5W+]G_"KX)>!?@?IFHZ?X%\,V/AJTU" [>^NH[-3^]F8Y))8DX&<*H.U1PH MXKMZ "BBB@ HHHH **** "BBB@ HHHH **^2/VQOVQM0^'.L67PD^$EE_P) M7\;?$&(;6SMU$B:2CC/GS9^4-MRRJW WOA0_M7[-_P^\7_ P^#N@^', 'G MC"Z|<>*H5>6^U:ZVV&25OPKVGX'^?&S0OV>/A5K?COQ''6>5V"1QKV!9V4;C@#.2:|= 9-|._ %WXB1^+?B'|:KMK/3/&=LM MOIWPVE0/::98X;!E1Q_K9$8AE(!(/S\X2, ^>_&OQB\3_P #!3C^ROA3\-[0Z M-\.5MK*^|<>+KRUR(Y2]2_8[=7'WU<$<8+,G41]2_??I<_L]?&7]D7XJ:!\/ M+8P^)_@+]"2ZK;:U=2K'-9S$!40(.3*Q55=A6OA[0X'>1+2U!P78Y9V9B69CZL2< #H!754 %%%% /1110 4444 %% M%% /1110 45\7?M6?M6^*/$7CQ?@#\ %75?B?] ,>KZ[&V;;PY;\"1VD (64 M |GG9D R%5'U7|-/#>K^# A_P"'M$U_Q!/XJUK3[**WO-:N8PDEY*]@-(P' M3)|23ZDG)(!TU?('QH_X)E_#+XR?'+3/B)-)/HL,DWG>(M"L8PMOK; AE+,& M!B+,!YA4'>]GY6RY|O \VDOC5)] ?A-I?BVV\.:EXLU&-X[6QTG3(&D>>YE: M9$'*@E$W$9;!Z@ $D_^>_L>?*:,_BB\U#QQXQ:*>;P[',?[.T M6%, ^7!%'DJ' ;#$>F,L$_",UO-!I^D^&=/LF22%D2*SM[5$.X M%>%6-4!R.@ KX>_X)-: EOI/QKU_08);3XGV-U?S:K=6 MUO'#+?W"]LERZ] TKA0%#,06. !D|"@"]7R!KW_!,/X2:]^T5!\39+9HM*9C M=WG@Y85_L^[OLY6=AGA.26BQM9L=%W*W>?M??M.7OP!\Z'HWA3P]=>+?B9X MOFDL/#.CPPLT3S*%WRRL,)&'4E<@G/55#,O3_LN_#WQ]\./A5!9?$WQG<^- MO&5]=2ZE?74S!H[1I<$VL)P/W2$''8%B%"]%4 '7?%/4O"/AOX7^)+KQK]CA M\%V^FRKJ<=TH\DVQ0JT97ON!VA1R20!R17R?_P $@_",K>&?V4KB|U".XM|# M6_$%WJ.EP7 .5M?+AB##/9GBD/'!ZCK77?&'}B/6?VB/C =4^)'Q0U36OA5: M3QOW5AX!L[=;2(2 _#7P(\<7BSQ)I# ^7?WUXQ/^BP.#E0I1U/091R MVX;%/VUHNFG1'L; W=S?FU@C@-W>N'GFV]%WR, ,NV,DX&23Q0 [5M)L]>T MJ]\TS4;:.]T^\A>VN:;9=R2QNI5T8=P02"/>OQ\^(WP;O_P!@/]I+P']/C&VU MCQ;^SGIOB";6=&2 ^:FGWU1*I_P"6L3)$X!($@BW+SO4??W[8GQN^('@. MU\.>!/A/X6O-:^(GC-Yj;3]4> FPT]- /-N)9^-NY0V0K<#!8YP%;JO@G^SK M%X&^ |?P!=:S:9-'+:0W<H<'O6EX?_X)=_L[M>'?& * -&BO@OX;?&3XI?MQ?M!Z9XA| :G]/@+^ ^"1]# MR:B%,9#\T)4 >C8'&P\(K;F >% OW10!A ^- !>C _!&\'ZQX8\062:AH MNK6LEG=VTG1XW4@X/8]P1R" 1R*)?P[X7O?^"=?[6G@U/C ^[>)?A)IL=_! MX-UY4,T&FM*

- *4Q@$B11N$D:_/O0-P#]B_M7?'[QYXD^(D/[/OP1M)X_B! MJ5LMQK7BB5&CM_#]BX_UH?'^L(##.W(''Y^D1 #.P_A:Z\7:#XD ML?$&BW%GIEG87L5Q+=W,D9$.Q%)8%)-K%L?)LR<$5UW|!7@77?AO\'R)\-=|\ M21SP:Q%||W$MO01@1,5@_#S_@F[^S_\,O&\7BK2 M?!7VC4;:436<6I7LUW;VKCHR1R,5)!Y!?<00",$"OIR@ HHHH **** "BB@ M HHHH ***YKXC?$;PY\)?!>]>+/%FJ0Z-H.FQ&6XNISP.P50.69C@*HR22 ! MDT =&\B1[=[*NX[1N.,GTIU?D/\ 'S4/CA^VY_ |/\=->]\#?#+PB/[4| M(Z/EDNM1>&0&6)4_? CC$C!^0I78F?G<_I/^S%|9+?X_?;P9XZB>,W&J6"& M]CCX$=VF8[A,=@)$?'M@]Z /4:YWXB>]M-^)O@+Q@X2UB/S-+UNPFT^X&,D) M(A4L/]H9R#V(!KY6_:>|9?%3X|?%F?| 9]^%UMJ7@_288(;GQ?X^FA>-(+25 M0P@M&XWLXRN5.6(9T5|?_ +6I?&OXX>.M5^- MGCW4;OPCX$U:$^R>&O "G,9MB9+N4,/O$#A\!GW$_ +&$5OL"@ KSG|HGX16 MOQX^"/C+P)=A =9T^2&WDD&5BN5^>"0_ILJHWX5|S7WQ:^)?[8?Q_X12X6: MEJ?@'X3^!=7 |1>+TC,5S]MY_S64"L.4R,,K#!!RX(*H_V_0!4_P#!*/XO MW7C7|GNZ\|ZYYD7B?X>WSZ//\ QOX>LYXM>\;?:WFIO+*&C5ADE8E &U6=GD.+=2!&JW.B([+=D] 67RYH6C9MHW?,58C.T')/K'[,G|(?@_|E.QU*YTVXO? M$GB_6&+ZMX]U|3S;Z\).[;N_A3/.T6T^%/A9\/ M#]OQ:U_1=-BT^'3_98M<)/*B .YE("L'_ENE>H_LZ_&+|H?X]^.): MWQQ\'|-^'/PYFMV-L+|46;5TEZJ63^('H5:. (C.^)'ANT\0>%M9LM?T2[!,%]I\RRQ/@X(R.A!X(((P: /D;]O;]D+Q/\ M1/$&A?&SX4W\T'Q6\'I&]O8.PCOOH8G:15C5\]LJEGPN-KAB#$@UY7HO[=WQ M@_; TC1?AK\'O"[>#? B*\3#QAXBOTQ::&]/L9H=P)#.<\,"Z\]H8C>OZ55BZ M5X4\/^%;S6=4TW2-.TBZU27[7]=Y;6ZOO=2*N/.F< %R%'5B: /S_^*_P]_: M>_8'L;7XKVGQBU+XO>&8+B/_ (2+2-9>X;)%D8+GRY99.(6(7S4*.I*?+MSC M|)?ACXSTIXC?#GPOXJT>(V^ZEVWIEMJ-K"0 8XY8E=4(' (#8(|17Q5^VE^TA MIO[1E@?V"Q!8^Y- '4T444 %%% M% /1110 4444 %%%% !1110!E>*_ #=EXR|+ZQH&I)YFG:K9S6-R@_BBE0HX_ M|Y8U^H7GB|QOY&D MK&C+=LLHXCF9WDX'SD2+MYPR@'F7PK_;D^-OP(|8:+ ^SA?:WX3NO$VE^)(M' M_P"$XUB|^T6QLT;!@=A]|C@(')$G.P@2?,/UYKY"UC_@F'\(-2_9YMOAE%9- M:ZC;;N/Q>L2M])O2 'F<_O(V #%G;M P0&'TI\/_!\?P_\#Z#X9BU&_P!7 MCTFRBLEO]4F,US.$4+OD?^)CCF@#H**** "BBB@ HHHH **** "BBB@ HKR# MQ5^UG\+?!?QJT?X4ZQXIM[3QG]: QVK_^5$[&**63[]22 Y12T^"VJWWP<'$NG^D=_P"++E2NH7ETR O#%Y,9 M^3=C".HXW,_S*M?HE-#'<0R12Q9\+%(I5XW *LI&'''#U%G6^]ZF9))+24NJ CS6=HF0NC&/>R,F=OS [? TYK\Z/B)XMRO^"CG M|27@7PGX"@FOOA-\.]476_$/BB2!EM|VX4KLMH20"=P4J#P2'=L%4|:]%Z " MBBB@ HHHH **** /RX\0^%?%G_!*OXXZCX[T:RN? &7P* M\87*1ZN6427VG.78H&E/)92|[&8[9 2K8?:U=NNO?M"?\%!K^]UGX> ^*KKX& M_!>"62#2M6C61=3UHJ2IF_=LKA=RX^5T5PK+#-&>]NC A@?0UCZYXB\'_!KP9% <:MJ.D>#O"^FPK;Q-V^#OP MN26'3]6O(&B;6;]P0L:Y"F3^ H10 4444 %%%% !1110 444 M4 %%% !5+6M(MO$&CW^EW@=K2^MY++81NR,4=2K892"IP3R#D5Y\,_VKO MOQ@^,OB|X<^$Y;W6+|PQ;+/?:Q;P;M-WF38T*S@X,BD\,8:#[2=C8\EH_++ 0MKSQ9_P21^*UWI^J6EUXN_9[\67GFPZG:PJ;NPN-N'/_H50"(6(15W)M8. MM=GI_@K|IC|OBWD|;_| "P:[X_#BZ_>>'-'TWS3>W<(.4GG\J2)B&P"&9|= MU3;AF_03Q5X2T/QSH=SHOB/1['7M'N<>=8:E;)<028(8;D<$'! (XX(%87Q+ M^+G@?X'^&? [8\9^(.\+Z5&A$1O)ECL,FT#Y(KO]TC 8^5 3|4 ?2>[/'?QP^+ M'PY ;0U'IF_XX7H\4:M;V;W_ (>\32$R33QJI/S"&;YU:-T8G^'[M_KX'_9CL|4 ;Z_:\U+|IBYT>XT/P'H.F-X>\'I? 1;+B_'[Q9+GTW@33@|1F4 M*"?+:OOB@ HHHH **** "BBB@ HHHH **** "BBB@ #\UOAC\7M'_&&?VP_V MA/#7Q%>%_"NAO_HVEV9),5QPS,NU\@*Q&"6R=|_4?[8_[' MOAG]KOX?+I6I.NE>)M.W2Z-KJ1[GMI"!N1Q_'$^!N7/8$(OVEOB'X7(# G M#8R 3YKG 4*6^V]_"BBB@ HHHK(\7>+M&\!^&=3|1>(=1 M@TC1--@:YN|VY;;%&HR227T ')_&2: ->O-_VA_@:HWI1WPAU[P!KMS.3'1@'525/|&1QP1S'I-'I4NG_M00^(-3T#PAXCT;PQ8S M+%VIO:S;+#;ZLO(9H1N)^5EY]B,D'*CV^@#\KOAC^UA\0O\ @GK::K\"_B?X M0N?%-SI\+'P+>;1'A-2WR8CASC+1LS$[@#+(AW(5)VX[._9/_;_^,6C3>/O$ M'QVNO GC"4&[T_P7I,T\%E:YR5@D>&0(A PI^27.3N8G.?T&UKP?H7B/4M(U M#5=&T_4K_1YC,1\H6(''*]3QO;"CU[4 >6?\ !/'!IGQ5|=O#7C#PS\1[M\;7XE^!;U-+UB?REB>X4F4(S]O D5XIE8+\O (QNQ7UU7O|_P3S^#?BKP]9? M$'XO>/K :/XO^*K]?VLVCLA5]/M0\KQ1L#RK'SF.TC(4)N^;('(V#0 4444 % M%% !1110 4444 %%%% !7A7[2'|)/AW]]#7_ |_BW6=5_X1WPW=R7=QX;MY M=MI]:, %\W'(*D8W#G:[],:LU[K10!GKX?TR/01HB6%M'HXMOL8L[X@1(@V[M/+* 8"[>,#C%? G_ 3GU*X^ ? QX^,WI-.KSOY6DZ@^N>'VF/,MLVP-U[M$] MK)M'?S#ZFOT+K\IOV_| P[]OP6_:>^!O[0/A?3KF^G&I1^&|8M+&(O+=*Y;R MT55'S/)%)?2'7XZ^$ M?V=?AW]'C+QEJ L].MALB@3!GO)B"4AA3/S.V#[DD $@]!KY?_;V_8]// M67P[TX:3];:5XT\-O+=Z))+(1:S.X3?#*O0;O+3#XRI'<$@O_8@_;6L_VO\ M1/%'VC0O^$6\1Z/#=]L^EF P ^G: /S(\(_|%%/ MC%KWA6+X,V?P\NI/VEXKLZ/(]Q B6<4:IEKZ1,X5U&"1_JCG>#M(2F_$K|F; M]K7X&>$[OXN:7^T!J?C3Q-I<7V_5O#1:=N<9]*^7OVQ_V MT/#?@?PW]?PW\!3Q^._BYXA231M/\/Z*1=/:32*49[C;D(4!)\L_,2!D!=S M_]6_9%^.\/[27P#|-^/%L(M,OK]9(M0LX?N1W4;E)2O?:Q7>,Y.&&3FO9*\1 M_8Q^,OI-/[_A?P1>RQ7&LPK)=ZG-!]QKJ9RIJIA 5C#=Q&#@9KVZ@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M*** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH _+;I[|E'PU\5/^"@>O^$-9D;2)_B- MX375M UB%>;35K5=C KD;T:*WD+IWWJ00P'!?]'I7GBGX5^/O^&>2?BAO^R\:DS#JL/2)7E. S,!\DI^_C<V)!W3_ /1[|=-|<^!7QJA4@>^ M_%L=MJ$BC!%C= %2=?"FGO8M/AM\+=,TYO#'@N=Y-7^) MUW 9(XY&4C[-,,I'F(Q'3/SE0PVJFY@#] /A=|:?!'QJL=6O/ _B.T\26FE7_M\FFWDUGNVQSH 2H) W+@@AURK#H37A?P3^-FH?M<>(/B[|-_B5|')]$\,Z+= M? 8U&K1F6WO$$AQ')N4#S1L253&2 &4@C*LW%?\$UO^%B?"W3_%/P.\=?#QM" M'@^4SVWBBQMQ'9:D)GR_7P/.D(^99%R=B[7"_HW?:1 &%X+|"^'OAQX=M=_| M+:+8^']%M1B&QTZ/88ESU.%')))/)/\K=HHH **** "BBB@ HHHH **** " MBBB@ HHHH *Y'XG?"7P?\:/#(/^-_#]GXDT=9XI;6\4D+*F=KJ005."1P> M0S Y!(/744 4-!T'3/"VCV>D:-I]KI6E6<8AMK*RA6*&%!T5$4 %/85?HHH M**** "BBB@ HHHH **** "OA7_@JI\:?B+\,?ASH>C^&K:\T3P;X@G^Q^(/& M6GKYTJC$Q \A$#*4+J6.XL-V-@())K[JK\5>%='\<^&]1T#7],M]7T7486M M[NRND#QS1L.01_7[" 1S0!X#\$;OX# LH_LLZ7XA\->(=.M/AXT"WTVZ;5 M-!\%7DLCHMY('-RI^1U140 CF3 #X"D/[K^W9\// ?B/]DOQ['XKL+&WL-% MT:>[TNX,:HUE=OQG[/Y)Q\I:01Q[5QN#;>AH]?^(WC2Z\(?#/7_ !3H>C3^ M+KNPTV6^L]+TYP7OV5"R(C#.=W'(!..@8X!\0^!.K:+^W9\" #_BGXL?";SM M+NTU^4V^GZU:`^;"S)@"X@\P;C$X.TAA@E&!W FS_P $YFUYOV+?A@WB.66: M^-C*86G)+_9/M$OV89/80^4%_P!G;7TC0!#9V=OIUG!:VD$=K:P(L<4$*!$C M0# 55' ']:BB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ KX6_P""]FK1S>'?@QX6UF=K7P/K_C>TB\0S+*T2 MFV0C*.P_AVN[^QB4]]^Z:\?_ &KOV=M+_:B^">M^!M0E6TNY<76F7[G])>Q M@^5(1W7YF5AU*NP'.#0!D_M%_M,>!_V/?NBP3Z;+>ZC>!=/\.^$=#B GNV0 M*]QQ]!A(UR@$@XR Q(|!2^%Q_!39;]XH:;K(^,/PKUSX+7VL%1I=UK+R-#(MSD!%D\R")D!)V[P"H/#;>2/ /V-?'\F@?ME76E_M-ZDUA\3? #>B0>&_"LVN M"WPKON<3.=IED1EV2?\ +02/SN(W?1__ 5LL_!UU^RJ];^(?LP!0QWUJ?#F M'VAKHS(0%C[D&$RIATP!W"T >Q?MB?'SQ)^SA\'G\7>%_!5QXWOQ?0VCVL1 M?9;1ONS-)L!;;E53@?>D7)K<\._#?P3\6IO!_P 5O$?PVLK#QP^F6|\3:U9(M]_II91((F)'#QLS ' 93G&WD5O? VTUO3_@G\[7Q-YO_"20^'M/CU/SCF3[M4+:.,3:CZ[PV:[>@ HHHH **** "BBB@ HHHH **** "BFM8;D MQ&:&.4Q/YD9=0=C $\AGH<$\!2T4 %%%% !1110 4444 %%%% !1110!G>(MM6?0/#^]:G'876]R65K+O+&$$R:IX2<> (+)HQ\^V(['0H(Y_U)D; ZLBUZ3^QK\; MU_:$_9O\&>_)9A+]LMH+/5.>1>0_NYB1VW%?,_]'6@#E_P!H[]/Q=|$_C-| M,/"&B_#'4O%^B^*KD0WFKV>X^02^PQQ@*1O12)6WE5*CJ/F9?7/#'P3_^"_ M&>L^+="\'Z/I?B?6',E]JUM:(MQ,S'+$OC(WYEL8W'DY/-=M10 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !7A7[4'@WXZ^.+'2-*^#OC/P_X+L[DO%K&H:C;2/?1(<8>V M8!USC<,;58'!#CM[K10!XC^RS^RCX9_9;\)WMGIMU<;_XFU>7[5KGB;4>;K4 M9N3DY)*H"S$+D\L22Q))]NHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M*** "BBB@ HHHH **** "BBB@#C(\)\/#?QT^'&M>|_% MEJ]WH>K1".98GV21LK!TD1NSJZJP.',CDS9!3X/_?* GP#IO@[P;IB:7 MHMBO"CF2:0XW2ROU>1B,EC[8 ':44 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %?%7C+]D MWXO_ +3OQ4?_(7CXOT>#X1:/J!N--| (^$O+&-4"G\VITS_ORXW?.QSO"\, M/J^U:+ (+*RM|-LX+2T@CM;6WC6*&"% B1HHPJHX]*GHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@#QG]I#]D?X;_M3Z'#9>-M(8ZA;J5LM;TQ#?6@/)(28(9O>/(B)J.CL#H\'B*X5[6PVD%&6,#EEP,9 M.T8!"@@$?8E% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% $5U:PWUK-;7$23V\R-')%(N5=2, M%2.X(->)?LD_L]Z1^R5X(USPWH^M7FLVVJ:Q/JN;H;&@5@]1QHN3]V-(PS$Y M8@G@84>Y44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444*

*% M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110

**** "BBB@ HHHH M **** "BBB@ HHHH K:EJ5IH^GW-_?W4-C8VT;33W-S({XHD499F8D!0!R2> M!6%X%^)OA#XH:?/?
^#O%.C>*K*WE\B:XT6_BNTBDQG8QC8A3@0X/8@U^B6MW?Z?X-M03<79AC=D,J9Y.5'SRGCJD8#9 MKH_^"(__ "1?XA_]C!'_ .DR4 ?H_7E]\U^U-\%[&ZEMKGXO> [>XA/;;4;
MA]$EL%M#8WC08$PN"^[.?\ 5+^M 'ZU:?\ M0?!K5[^VL;'XM^:|;V]N9%A@ MMK?Q)9222R,0%15$N68D@ #DDUZ;7QOH?_!)S]G_$#6M/U.WTO7))|*XCN8
MTFU9V0LC!@&&.1D:QJUKH.DWNIW\RVlC90/(|*\,Z:G:+K5KV.VC0\] SD GV'-WW_" Z#(ML-EH<,[1@+(6,-]C#[BHB;I&7#.S*2QKB1Z7'W%_P3/\ AY\/ @QK'0#^$5A? M^%-
>|*QC4Y;.'4)[B*>WC(,K@RN[I)&H\P,K8PC#&2" #]-Z*^8_^"=7[0FH M_M&?LRZ/K.NSM=^)-'N)-$U.Z8Y:XEB5&25O]IHI{RQ[MN-?3E !1110 444 M4 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%>7_ +1/QR@_9|\ 1^*+ MC2)-:C>]CL_LT7G_(-4_P#C5=_]FXK^3|5_F?\ @U3_ .-4?\/2M+_Z)Y>?
^#5/_C5'|FXK^3|5 M_F']H87^?|'_)'W317PM_P|*TO_ *)Y>?| @U3_ .-4?\/2M+_Z)Y>?^#5/ M_C5'|FXK^3|5_F']H87^?|'_)'W317PM_P|*TO_ *)Y>?| @U3_ .-4?\/2 MM+_Z)Y>?
^#5/_C5'|FXK^3|5_F']H87^?|'_)'W317@?[,G[6%I^TG?: ;6 MWAR;03I,<,C-+=B?S/,+C PBXQL_6O?*XJE.=&3A-69V4ZD*T5.#N@HHHK(U M"BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** ,*^-W_)%_'W
_&+_^H?\ I-)7PK_P1'_Y(O\ M$/\ |&"/_P!)DK[J^-W_"1?Q]_V+^H?^DTE?"O_ 1'_P"2+_$/_L8(_P#T MF2@#|&+Z%KJRN(5(@#21L@+=,D$5^.?[*/P__ &R?V0[:Q1%X+^"]AJ<>O20?
M:CKQ1RIM_-5?+$=W%P?-;D@YPI'O^R=% 'YN>#?^"JGC#X>?$:S\(_M$?"N; MP&;HHO\ :5C%-$(06V^:89BWF0Y.2Z.2 #@,>*^POVL/$$=K^R;\5]5L9TN(
MI("M.HM3W$#!U826KA'4C@CY@017R;_P6PCT'_A0?@FZ6#_A)/\ A(P#@V[%\ M|[/|FF^T $\|-WV?=C^+R\|U[+X#\(ZSXZ_X)D:=X8?\$6;*.W_99|27 5?-
G\776YL"ZT#4()%89!5K;12/R-?"O_!$KQI;7WP7\|?>$_.!OM-UY=2,1 M/(BN+>,-2/;=;/\ G[U|C_M7^/+3X:?LU_$KQ#>3+"MOH-W'"6(^;>2)HH4Y
M_O2.@_&@#X]_X(@WDS_#'XFVK$_9X]8M947MN:%@WZ(OY5^EM?G]_P $7_!M MUH?[-GB+7KF Q)KGB&5K9F&/-AAACCW]QYGFK]5-?H#0 4444 %%%% !111 M0 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !7RI_P %)?| DWFW_P"PY;?^BYJ^ MJZ^5/(^"DO_)O-O\ ]ARV_P#1?H?EU1117Z ?"!1110 4 M444 %%%% !1110 4444 %%%%
'W1_P $M?\ D/?$/_KVLO\ T.:OT(K\]_ | @EK_ ,A[XA_]>UE_ MZ'-7Z$5\-F?^]2^7Y(^URW_=8 /\PHHHKRSTPHHHH **** M*** "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M#|^_&OPT_;W\56^O:2WC3P"=#U)+BU,(BC4_9Y
R[<_9=P.QL9SGWKS/X!_L M<_MG_LSZ%]>C^ /$_@;2[#4;D7=S'/(+@M(%" @R6Q(X X%?JA10!XAJ'PY^ M*/Q!_94N/"'B;Q=;Z)\5-
0TQH:CQ%H> ^**&V\S& &UG&ACAU*>6S=P.S%YDZD9AU^<-UY$7Z144 ?FUX-_MX)T_%CX\ %2P|=_M0^.;?7K;3I%:W\.::)YB2H&#&$[52."(D#<(P6<9R5/- M?
I#!!':PQPPQK%#&H1(XU"]J@8 '0 5)10!^;'Q5_8 ^,'P1^-FJ?%']E[Q M):Z:=6:0W7A^ZDC1HO,8-)&HF5H982WS!7VE/EVY(!&5XF_9,_:]_:^OM.T7 MXW>+=(|
(^[;2X6>>QTUX7:8@8W)% "LC]<&5P%R2!V/Z>44 UE_Z'-7Z$5^>_ | P2U_Y#WQ#_Z]K+_T.:OT M(KX;,_ |>I?+\D?:Y;_NL?G^84445Y9Z84444 %%%% !1110 4444 %%%% !
M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110
4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110
4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% 'XN?M.?\G#?$7_ M +#EU_Z,->95Z;^TY_R<-\!?^PY=?^C#7F5?
H]'^%'T1^>5OXDO5A1116QD0 M%%% !1110!UWP>_Y*YX(_P"PY8_^E"5^X5?A[\'O^2N>"/\ L.6/_I0E?N%7 MRN=?'#T9]/D_P3^04445\X?0A1110 4444 %?*G_4E_P"3>;?_
+#EM_Z+ MFKZKKY4_X*2_|F\V_P#V'+;_-%S5VX+_>8>IQ8S_=Y^A^75%%%?H!\(%%%% M !1110 4444 ?=' _2U_P"0]\0_^O:R_P#0YJ_0BOSW_P""6O\ R'OB'_U[
M67_HK"BBBMC(**** "BBB@#K MO@] R5SP1_V'+'_TH2OW"K\?@] R5SP1_V'+'_TH2OW"KY7.OCAZ_^GR?X) M_(****^6>F%%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110
4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110
4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4 M444 %%%% !1110!^+G[3G_)PWQ%_[#EU_P"C#7F5>F_M.?\ )PWQ%_[#EU_Z M,->95^CT?X4?1'YY6_B2[6%%%%;&04444 %%%% '7?!
[_DKG@C_L.6/_*4)7[A5^'OP>_Y*YX(_[#EC_P"E"5^X5?*Y MU\;?\ [#EM_P"BYJ^] MZ^5/^"DO_)O-O_V'+;_T7-7;@O\ >8>IQ8S_'>?H?EU1117Z ?"!1110 444 %%%%
'W1_P2U_Y#WQ#_Z]K+_T M.:OT(K\]_P#@EK_R'OB'_P!>UE_Z'-7Z$5\-F?\ O4OE^2/MC_'CZ M(_/*W\27]PHHHK8R"BBB@ HHHH Z]X/?\E<\$?\ 8__M
2U_P"0]\0_^O:R_P#0YJ_0BOALS_WJ7R_)'VN6_P"ZQ^?YA1117EGIA111 M0 4444 %%%?FE^VQ\K_8U7^=*F?VO3_E9^T=%?BY_PTY\6?\ HHOB/_P82?XT M?\-.?%G_
**+XC_\&$G^-']C5?YT']KT_P"5G[1T5+^G_#3GQ9_Z*+XC_P#! MA)_C1_PTY\6?^BB^(_!P82?XT?V-5_G0?VO3_E9^T=%?BY_PTY\6?\ HHOB M/_P82?XT?\-.?%G_**+XC_\&$G^-
']C5?YT']KT_P"5G[1T52T25YM%L))& M+R/;QLS-R22HR:NU\\>Z%%%% PHHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH ****
"BBJ^H:A;:3I|S?7DRV| MI;1----(<*B*'68^P)H L45XA^RG^U'8?M8>$|:\3Z+X:U+0M!L=1;3[2ZU M)T)O2JAF=54_* &3.>Y(R<&O$OVR/^"CI_9_^(|K\-/ 7A$^//'C1D)=0:W,
M=]77=*$(XP7EE*X*-7|"^*?"=QX!^(F MEPFX?2[AV*7$2E0Y4.JNCJ7!,: G:<@GG'UU0 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110!\/?|%0-0NK'0?A^;:YFMRUS>;O*N M*_/_/X2#5?^@E>?]_W_
,:^^/| @J5_R ?AY_U\WO\ Z!#7Y\5]QEB7U6/S M_,^+S)OZU+Y?D7_^$@U7_H)7G_?]_P#&C_A(-5_Z"5Y_W_?_ !]A17]61YEX M7]
A(-5_P"@E>?]_P!_\:/^$@U7_H)7G_?]_P#&J%%%D%V7_P#A(-5_Z"5Y M_P!_W_QH_P"$@U7_*"5Y_W_'_QJA119!=E_P#X2#5?^@E>?]_W_P :_5K] M@>YFN_V9?
#TL\KS2&YO,O(Q8G_2'[FOR6K]9/^"?_P#R;_X<_P"OF_I*'KQ M,W2^KKU_1GM92W]=^G^1|&4445\95Z;^TY_R<-\!?^PY=?^C#7F5?H]'^%'T1^>5OXDO5A1116QD% M%%%
!1110!UWP>_Y*YX(_P"PY8_^E"5^X5?A[\'O^2N>"/\ L.6/_I0E?N%7 MRN=?'#T9]/D_P3^04445\X?0A1110 4444 %?*G_4E_P"3>;?_ +#EM_Z+ MFKZKKY4_X*2_|F\V_P#V'+;_-
%S5VX+_>8>IQ8S_=Y^A^75%%%?H!\(%%%% M !1110 4444 ?=' _2U_P"0]\0_^O:R_P#0YJ_0BOSW_P""6O\ R'OB'_U[M67_H.QD>2^D:5GV!P"D;JY,9\PKC:#SV[7_@E?\-
=7^)'B[XB?M)^ M-K,/K7B>_FM|(EE0X1&(%\6?$'P M;X9N=4|&_4]3"P&;;-H\TIE$F 0/GSV!6_IOQN^&&@:?;Z;I_C|P3IUC:((M8;.VUFSBCA11@(]*X"@#C '%
'QM\7)+6Z_X+%?"-?#T2MJEKX=?^VW@ P.V M|ICS?|KR6BY/9HP.@K]$J|"^ M^_@7X|6_QT\0>/\ P=K6@ZU\2?$4;BZN+?Q" M+^=H_E+B*+S6'+A$SM48"@# XKWV@ HHHH
**** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HK/\0ZY;^&= U/6+P,;33[66[F$8RV MR-"
[8'%=&@UM=3U)VCA-U:(D>51G.XB0XX4]J4L'B(IMP=D..+H2:2FKL^ MA:***XSK"BBB@ HHHH **** /A;_(*E?|@'X>?]?-[_.@0U^?%?H/_,%2 MO^0#\//^OF]_] AK|^*^YRS_
'6/S_,^5+_]7R_(****]0\P**** "BBB M@ K]9/\ @G_,FO^'/^OF_]*'K|EZ_63_@G_|\FO^'/\ KYO/_2AZ\3./ M]W7JOU/:RG^_3]4?1E%%%?&GUP4444 %%%%
!1110!^+G[3G_)PWQ%_[#EU M_P"C#7F5>F_M.?\ )PWQ%_[#EU_Z,->95^CT?X4?1'YY6_B2[6%%%%;&0444 M4 %%%% '7?![_DKG@C_L.6/_
*4)7[A5^'OP>_Y*YX(_[#EC_P"E"5^X5?*Y MU\;?\ [#EM_P"BYJ^] MZ^5/^"DO_)O-O_V'+;_T7-7;@O\ >8>IQ8S_'>?H?EU1117Z ?"!1110 44 M44 %%%%
'W1_P2U_Y#WQ#_Z]K+_T.:OT(K\]_P#@EK_R'OB'_P!>UE_Z'-7Z M$5\-F?\ O4OE^2/M'_P#D Z;_->T?_H K0K/\7_(!T MW_KVC_\ 0!6A7YF]S]'CL@HHHI#"BBB@ HHHH ****
"BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *PO'7BF'P/X'\0^(]A M-|&CZ=<;A(QJL432$?DM;M9?BB/3)O#.KIK8C:1FLYEOEF!*&
H?,W8I;O&'_'U;_P#QFO#_-CG]N+X?_L?^//%GPWD\2R> M,/@W>W]ZCHGB6TL+A+BR9U *30R1H[JJ*VU$?$MW?>(M2$IM:,:;2[F%9/ M+B>5QO= HPD;GD]J^C] "BBB@
HKEOB5\4O"?P=\)W7B;OGKUGX>T2V^_=7C MXW-V1%&6=S@X506/85RWI/\ ^TMX"_::\:EK7@'4KC4;+3KK]'/?%4&EWURADM],@C>XNYES MC<(HP2JDY
9L+D$9XKS#X=?\%//V??B1XD@T2WN6S:)>7#+' ^N64EK!(Q. MOFG*(?\ ?*CGK0!]6T4BL&4$'(((I: "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M.0^,'_))&W_&[[_TG>OP^KJP?C!_R23QM_P!@._^_)WK\/[^7RX)^/Z\?&GUP4444 %%%%
!1110!^+G[3G_)PWQ%_[#EU M_P"C#7F5>F_M.?\ )PWQ%_[#EU_Z,->95^CT?X4?1'YY6_B2[6%%%%;&0444 M4 %%%% '7?![_DKG@C_L.6/_
*4)7[A5^'OP>_Y*YX(_[#EC_P"E"5^X5?*Y MU\;?\ [#EM_P"BYJ^] MZ^5/^"DO_)O-O_V'+;_T7-7;@O\ >8>IQ8S_'>?H?EU1117Z ?"!1110 44 M44 %%%%
'W1_P2U_Y#WQ#_Z]K+_T.:OT(K\]_P#@EK_R'OB'_P!>UE_Z'-7Z M$5\-F?\ O4OE^2/M'_P#D Z;_->T?_H K0K/\7_(!T MW_KVC_\ 0!6A7YF]S]'CL@HHHI#"BBB@ HHHH ****
"BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *PO'7BF'P/X'\0^(]A M-|&CZ=<;A(QJL432$?DM;M9?BB/3)O#.KIK8C:1FLYEOEF!*&
H?,W8I;O&'_'U;_P#QFO#_-CG]N+X?_L?^//%GPWD\2R> M,/@W>W]ZCHGB6TL+A+BR9U *30R1H[JJ*VU$?$MW?>(M2$IM:,:;2[F%9/ M+B>5QO= HPD;GD]J^C] "BBB@
HKEOB5\4O"?P=\)W7B;OGKUGX>T2V^_=7C MXW-V1%&6=S@X506/85RWI/\ ^TMX"_::\:EK7@'4KC4;+3KK]'/?%4&EWURADM],@C>XNYES MC<(HP2JDY
9L+D$9XKS#X=?\%//V??B1XD@T2WN6S:)>7#+' ^N64EK!(Q. MOFG*(?\ ?*CGK0!]6T4BL&4$'(((I: "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M.0^,'_))&W_&[[_TG>OP^KJP?C!_R23QM_P!@._^_)WK\/[^7RX)^/Z\?&GUP4444 %%%%
!1110!^+G[3G_)PWQ%_[#EU M_P"C#7F5>F_M.?\ )PWQ%_[#EU_Z,->95^CT?X4?1'YY6_B2[6%%%%;&0444 M4 %%%% '7?![_DKG@C_L.6/_
*4)7[A5^'OP>_Y*YX(_[#EC_P"E"5^X5?*Y MU\;?\ [#EM_P"BYJ^] MZ^5/^"DO_)O-O_V'+;_T7-7;@O\ >8>IQ8S_'>?H?EU1117Z ?"!1110 44 M44 %%%%
'W1_P2U_Y#WQ#_Z]K+_T.:OT(K\]_P#@EK_R'OB'_P!>UE_Z'-7Z M$5\-F?\ O4OE^2/M'_P#D Z;_->T?_H K0K/\7_(!T MW_KVC_\ 0!6A7YF]S]'CL@HHHI#"BBB@ HHHH ****
"BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *PO'7BF'P/X'\0^(]A M-|&CZ=<;A(QJL432$?DM;M9?BB/3)O#.KIK8C:1FLYEOEF!*&
H?,W8I;O&'_'U;_P#QFO#_-CG]N+X?_L?^//%GPWD\2R> M,/@W>W]ZCHGB6TL+A+BR9U *30R1H[JJ*VU$?$MW?>(M2$IM:,:;2[F%9/ M+B>5QO= HPD;GD]J^C] "BBB@
HKEOB5\4O"?P=\)W7B;OGKUGX>T2V^_=7C MXW-V1%&6=S@X506/85RWI/\ ^TMX"_::\:EK7@'4KC4;+3KK]'/?%4&EWURADM],@C>XNYES MC<(HP2JDY
9L+D$9XKS#X=?\%//V??B1XD@T2WN6S:)>7#+' ^N64EK!(Q. MOFG*(?\ ?*CGK0!]6T4BL&4$'(((I: "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M.0^,'_))&W_&[[_TG>OP^KJP?C!_R23QM_V[[_TG>OP^KJP?C!_R23QM_V
[[_P!

*?^3G_$7_7M9_|_I.E> MYD_^\/T_5'BYM_ 7K^C/G2BBBOL3Y$**** "BBB@ HHHH _>#P_ ,@'3?\ MKVC_ /0!6A6?X?\ ^0#IO_7M'_Z *T*_,WN?H\=D%%%%(84444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M&9XFL[I4?#>K6FEW(LM3GM)8K6Y8D"*5D(1SCGAB#^%?E]_PP+^V]_T<;_Y? M.N?_ !BOU4HH _*O_A@7]M[_ *.- P#+YUS_ .,4?\,"_MO?]'&_^7SKG_QB MOU4HH _.7]E/_@GO\;/AC^U)HGQ8^*?Q T?Q>VGVUS%).N]WNH7TY>V>|%+W M$*?*HDS|XXVX YX_1]BB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@#D/C!_R23QM_P!@.^_])WK\/]_<'XP?\DD\;?|M8#OO_2=Z_#ZOJLE^"?]CYC./CA\PHHHKZ,^>"BBB@ HHHH *]L_8K_Y.@\!_ M]?,W_I/+7B=>V?L5_P#)T'@/_KYF_P#2>6N?$_P)^C_(Z,/_ !H>]_,_82BB MBOSH_0 HHHH **** "BBB@#X6_X*E?\ (!^'G_7S>_|H$-?GQ7Z#_|4K_M_) /P_Z^;W_ - AK\^*^YRS_=8_/\SXK.O|ZE\OR"BBBO4/_"BBB@ HHHH M*_63_@G_/\)K_AS_KYO/\ TH>OR;K]9/\ @G_ ,FO^'/^OF_]*'KQ.X_MW=>]_4]K*?XI]/U1|&4445\;?7!1110 4444 %%%% 'XN?M.?\G#?$7_ +#E MU_Z,->95Z;^TY_R<-\1?^PY=?^C#7F5?H]'^%'T1^>5OXDO5A1116QD%%% M!1110!UWP>_Y*YX(_P"PY8_^E"5^X5?A[\'O^2N>"/\ L.6/_I0E?N%7RN=? M'#T9]/D_P3^04445\X?0A1110 4444 %?*G_ 4E_P"3>;?_ +#EM_Z+FKZK MKY4_X*2_\F\V_P#V'+;_ -%S5VX+_>8>IQ8S_=Y^A^75%%%?H!\(%%%% !11 M10 4444 ?=_ 2U_P"0]\0_^O:R_P#0YJ_0BOSW_P"""6O\ R'OB' U[67_H ME.^;],T/Q<WX>Z?XHU*5.FE; M2X]2N;..3SC;YA$CQA\#?MY&<#,.@KRK]M;IF^3J]?X\OZ*IX\'3M:6:/4- M+N+G/DBYBSM63 }",K.I(:(W9P<8/PC_ ,)M^WU\(?]QX0U'P3!XET.QL)+ M :A-:P71%JB%=WFPRJ3A.C.-QQSDYH _1;IG?]HCPI^T[\/V\8^#EU!-)6\D ML674H!#*)4"EOE#,,8=>,OC9H&D_%/X9V7A_P).MR=1U*/3F@>';;R-%AC.W641KC:>&/ MU'W90 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110!R'Q@_Y))XV_P"P??^D[U^'U?N#|8/^22>-O\ L!WW_I.]?AJ7U62_ M!/U1\QG'QP^84445|&?/!1110 4444 %>V?L5_\ )T'@/_KYF_|2>6O$Z]L_M_8K_.3H/_?_%\S?^D\M<^)_@3]'^1T8?\ C0|5^9^PE%%%?G1^@!1110 4 M444 %%%% 'PM_P %2O\ D_#S_KYO?\ T"&OSXK]!_|@]5_R ?AY_U\WO\ MZ!#7Y\5]SEG^ZQ^?YGQ69?[U+Y?D%%%%>H>8%%%% !1110 5^LG_3_/\ MDU_PY_U\WG_I0]?DW7ZR?\$__P#DU_PY_P!?>Y_Z4/7B9Q_NZ]5^?I64_P = M^GZH^C****^-/K@HHHH **** "BBB@#/]VG/^3AOB+_-ARZ_ 1AKS*O3? MVG/^3AOB+_V'+K_T8:\RK]'H_P *?HC\\K?O)>K"BBBMC(**** "BBB@#KO@ M]_R5SP1_V'+'_P!*$KJP]_#WX/?\E<\$?]ARQ_\ 2A*_<*OE;?_L.6W_HN:NW!?[S#U.+&?[O/T/RZHHHK] /A HHHH **** "BBB@#[H M_P""6O\ R'OB'_U[67_HUG_P"DZ5[F3_[P_3]4>+FW\!>OZ,^=****^Q/D0HHH MH **** "BBB@#]X/#_\ R =-_P"O:/\ ]%:%9_A_P#Y_F_]>T?_H K0K\S M>Y^CQV04444AA1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%5]0T^#5M/N;*ZC\VUN8FAECR1N1@0PR. M1P3TJQ7._$7Q8O@/X?>)_$SH)$T72[K42C9(H)DD#,?+!54 WLH(QGDUQNB_\%C_@ M'JFH-;W-MXNTB$/M%W>Z5$T9&?O 13.^/JN?:O$_^"=/|(_AOIJ_3/$GQU^_ML$GC;6=6UJ=+6ROG86S,NUD)Y%4C?EW9%C/R*(^AR-OW3KG[%'P%\1:2^FW7_MPA\'PV[1F,R6.DPVDV",9$T2K(#_+6[/O0!Z+_B7X5^+7A>W\1+#M?L?$_M>BSQ*10P)1AU1QD95@"\,\BNFK\OO@1X7N_V&O^"D2?"#0M0NKKX=^/ MM/-]:V=T2Q@_=SO"V>])):RQ;NI1N"BBB@ HHHH M*]L_8K_Y.@\!_P#7S-_Z3RUXG7MG[%?_ "=!X#_Z^9O_$GEKGQ/\"?H_P C MHP_|:'JOS/V$HHHK\Z/T **** "BBB@ HHHH ^%O^"I7_(!^'G_7S>_^@0U^ M?%?H/_P5*_Y /P_Z^;W_P! AK\^*^YRS_=8_/_^*S+_>I?+\@HHHKU#S MHHHH **** "OUD_X)_|_)K_(<_Z^;S_P!*'K\FZ_63_@G_/\)K_AS_KY MO/\ TH>O$SC_'=>J_4]K*?XI]/U1\&4445\:?7!1110 4444 %%%% 'XN?M M.?\ )?WQ%_[#EU_Z-_>95Z;^TY_R<-\1?^PY=?\ HPUYE7Z/1_A1[$?GE;^) M+U84445L9!1110 4444 ==\'O^2N>"/^PY8_^E"5^X5?A[\'O^2N>"/^PY8_M^'E"5^X5?*YU\.R"BBBD(**** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ K*\6> M'+7QAX6UG0;[=]BU2RFL9]O7RY4*-CWPQK5HH_([]EW]]*$[_P"";_B]Q3\# M/C+HU\=*CU-KW3]L7_1F_L^RT2Z68D=%S*B1Y/;Y\<E>-_"^F> M)[&)_,BCU&W60Q-Q\R-]Y"<8)4C(X/%>,Z=_P3<_9MTO4&O8?A;8/,QR5N+Z M\GBZ8XC>8H.O84 ?)'[)NJ^(_P!N;]O:Y^/LVCOHG@?P?;-96"3$DL3#+'## MNZ-)^^DF?;PN5'<$_J;67X9\+Z-X+T.UT;P_I-EHFD6J[+>PTZW2"")>N%1 M .?05J4 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 -O^P'??^D[U^'U?N#\8/^22>-O^P'??^D[U^'U?59+\ M$_5'S&?]?-[_P"@0U^? M%??\ I0]?DW7ZR?\ /\ _P"37_#G_7S>?^E#UXFUE/\=^GZH^C* M***^-/K@HHHH **** "BBB@#\7/VG/\ DX;XB_\ 8K"BBBMC(**** "BBB@#KO@]_R5SP1_M_P!ARQ_]*$KJP]_#WX/?\E<\$?\ 8^(?_7M9?\ HI?+\D?_ D? M:Y;_ +K'Y_F%%%%>6>F%%%% !1110 5^37_!0'_DY_Q%_P!>UG_Z3I7ZRU^3 M7_!0'_DY_P 1?]>UG_Z3I7ZNU/_0#]/U1XN:?P%ZHSYTHHHK[$^1 M"BBB@ HHHH **** /W@\/_\ (!TW_KVC_P#0!6A6?X?_ .0#IO\ U[1_^@"M"OS-[GZ/ M'9!1112&%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 45F>)I-4A\-ZK)HD,5QK*6DK6,,YQ&\X0^6K' M(^4M@'D<5^;OB+|KK|M;PGV?U.V\6_L_6|Y;M:R1R7VBV%RSQ*4(,A:&>5?E MW9R ,8/H30!^FM%?C'^Q?_P4DE_9K^"\|?AQ6W\)/M>\3Z:NHW%ROB""^.WYIF M8PKQX^4X_C_CZ#OW'A/_(*Q:;J7[6D_B;5]4\2:/\'Y=&^RQZ!-;Q2M%=@* M?,*QL-O^P'??^D[U^'U?N#\8/\ DDGC M;_L!WW_I.]?AJ7U62_!/U1\QG'QP^84445|&?/!1110 4444 %>V?L5_\G0> M_\KYF_]Y:\3KVS]BO_DZ#P'_U\S?^D\M<^)_@3]'^1T8?^-#U7YG["444 M5^='Z %%%% !1110 4444 ?"W_!4K_D_#S_*^;W_T"&OSXK]!_^"I7_(!^M'G_7S>_^@0U^?%?C_"CZ(_/*W\2?ZPHHHK8R"BBB@ HHHH MZIX/?\E<\$?]ARQ_I*$KJP]_#WX/?\E<\$?]ARQ_I*$KJP]^5SKXX>C/I\G^"M?R"BBBOG#Z$**** "BBB@ KY4_X*2_\F\V__8;?_+#EM_Z+FKMP7^\P]3BQ^[S]#\NJ*** 0#X0**** "BBB@ HHHH ^Z/_M^"6O_(>^(?\ U[67_HUG_Z3I7N9/\ [P_3]4>+FW\!>OZ,^=****^Q/D0HHH MH **** "BBB@#]X/#_ /R =-_Z]H__$_5H5G^'_|_D_Z;_P!>T?_Z*T_M*_WN?H\=D%%%%(84444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% &7XHUZ/PMX9U?6IH9;F+3K.:\>& 9D MD6-"Y51ZD#]Z^!]O_@L5\%?%WA76=-N=&\7:)>75E/ C7-C!)%N:-@OS1SL MWI_#W_&OT.K@/B)\#?!'Q&T74[75O!WAS4INZMY(X[C4=)@G*,RD*^60G(.# MZ\4 ?GW_,$P_P!L'X/?!IG9?"'C3QQ:>'O$ UBZNC:WEO.%\MPFUQ,$9CY MVMQNR_,454TGO!\'OBU_P5'UBJN;GP?XH\!77A4(CWPMI.EG6*+(Q("A<$- M[\&O8_V;_P#@EC\/O"OPACT+XP^&-!\8>+/ML\SZGI5W=Q@0L0(XQ(IBX0&.&?S7Y; M?D,G0=1Q0!]U^!_V5?@KX0\9:;XX\(^ M TC7;+S?LFI:/'Y2Q[XVBDPJ$(< MHSKT[FO8J^*/V=_^"7_AO]FSXV:'\0/#GC[7KR/35N%DTF^ABV7(DMY(0'=- MO"F0N/E/*CZU]KT %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 -O^P'??^D[U^'U?N#\8/^22>-O^P'??^D[U^'U?59+\ M= ^GZH^C****^-/K@HHHH **** "BBB@#\7/VG/\ DX;XB_\ 8K"BBBMC(**** "BBB@#KO M@]_R5SP1_P!ARQ_]*$KJP]_#WX/?\E<\$?]ARQ_I*$KJP]^5SKXX>C/I\G^"M?R"BBBOG#Z$**** "BBB@ KY4_X*2_\F\V__8;?_+#EM_Z+FKMP7^\P]3BQ^[S]#\NJ*** 0#X0**** "BBB@ HHHH ^Z/_M^"6O_(>^(?\ U[67_HUG_Z3I7N9/\ [P_3]4>+FW\!>OZ,^=****^Q/D0HHH MH **** "BBB@#]X/#_ /R =-_Z]H__$_5H5G^'_|_D_Z;_P!>T?_Z*T_M*_WN?H\=D%%%%(84444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 -O^P'??^D[U^'U?N#\8/^22>-O^P'??^D[U^'U?59+\ M$_5'S&?]?-[_P"@0U^?%?? I0]?DW7ZR?\ /\ _P"37_#G_7S>?^E#UXFUE/\ M= ^GZH^C****^-/K@HHHH **** "BBB@#KO M@]_R5SP1_P!ARQ_]*$KJP]_#WX/?\E<\$?]ARQ_I*$KJP]^5SKXX>C/I\G^"M?R"BBBOG#Z$**** "BBB@ KY4_X*2_\F\V__8;?_+#EM_Z+FKMP7^\P]3BQ^[S]#\NJ*** 0#X0**** "BBB@ HHHH ^Z/_M^"6O_(>^(?\ U[67_HUG_Z3I7N9/\ [P_3]4>+FW\!>OZ,^=****^Q/D0HHH MH **** "BBB@#]X/#_ /R M=-_Z]H__$_5H5G^'_|_D_Z;_P!>T?_Z*T_M*_WN?H\=D%%%%(84444 %%%% M%% '(?&#_))) MXV_[=]_Z3O7X?5^X/Q@_P"22>-O^P'??^D[U^'U?59+\$_5'S&?]?-[_Z!#?7Y\5]SEG^ZQ^?YGQ69?[U+Y M?D%%%%>H>8%%%% !1110 5^LG_!/_P#Y-?\ #G_7S>?^E#UXFUE/\=^GZH^C**** M^-/K@HHH

G1^@!1110 4444 %%%% 'PM_P5 Y /P\ P"OF[ ] M AK\^* 0? @]5 R ?AY U\WO H$-?GQ7W.6?[K'Y F?%9E O4OE^04445ZAY M@4444 %%%% !7ZR?\$__ /DU P .?]?-Y Z4/7Y-U^LG !/_ /Y-?\.?]?-Y M P"E#UXFUE/\=^GZH^C****^-/K@HHHH **** "BBB@#\7/VG/^ M3AOB+_V'+K_T8:\RKTW]IS_DX;XB_P#8UE_Z'-7Z$5^>__!+7_D/?$/\ Z]K+ M_P!#FK]"*^&S/ _>I?+\D?:Y;_NL?G^84445Y9Z84444 %%%% !7Y-?\ !0' _M).?\!?]>UG _.DZ5^LM?DU_P4! Y.?\1?\ 7M9_^DZ5[F3 _.\/T_5'BYM_ M 7K^C/G2BBBOL3Y$**** "BBB@ HHHH >#P P_#\@'3?^O:/ P! %:%9_A__ M) .F \ 7M' _.@"M"OS-[GZ/'9!1112 M&%%%% !1110!R'Q@ P"22>-O^P'??^D[U^'U?N#\8/\ DDGC; L!WW_I.]?A]7U62_!/U1\QG'QP^84445]&?/!1 M110 4444 %?57 !-G_DX:Y_[=S_ .C(:^5:^JO^";/ _"<-< _ 8#N? 1D- M<6- W:?H=F# _-XAZGZC4445^?GW@4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 5^;' !3[DK?A3_ + 8_P#2B6OTGK\V M/^"GW_)6_"G_ & Q_P"E$M>OE7^]+T9Y69_[L_D?&U%%%?;'Q@4444 %%%% M!1110!^T7[,?_)O/PZ_[=K_ .BQ7IU>8_LQ_P#)O/PZ_P"P':_^BQ7IU?G% M;^++U9^A4?X-O^P'??^D[U^'U?N#\ M8/\ DDGC; L!WW_I.]?A]7U62_!/U1\QG'QP^84445]&?/!1110 4444 %>V M?I5_|G0>_ | KYF_])Y:\3KVS]BQ_DZ#P'_U\S?^D\M<^)_@3]'^1T8?^-#U M7YG["4445^='Z %%%% !1110 4444 ?"W_!4K_D _#S_ *^;W_T"&OSXK]!_ M^"I7_(!^'G_7S>_^@0U^?%?C_"CZ(_/*W\27]PHHHK8R"BB MB@ HHHH Z[X/?\E<\$?]ARQ_]*$K]PJ_#WX/? \E<\$?]ARQ_]*$K]PJ_#WX/?\E<\$?]ARQ_]*$K]PJ_#WX/?\E<\$?]ARQ_]*$K]PJ_#WX/?\

*X5Z_2[P_X@TSQ5HECK&C7]OJFE7T*W%K>VD@DBFC895E8<$$4 :% M%% !1110 4444 %%% !1110 4444 %%% !17SO^V9^V1X?_9)\%6MQ+:_MV]XQU@M#HN@1/AIF'!ED(Y6)20.!EB0H[E?BS7OVH/V^?"=@OC[5/AQ#'X5(M%RVE+HB2)%$?F_>1)(J-0.I"OVK%30;N%?"/Q M CCW-HMQ-OBO !EGM9"!OQU*$!@,_>+5]:T %%%% !1110 4444 %%% !1 M110 4444 %%% !17YW_ !P_X*_$SXD_%34_AA^RYX33Q:J&DLR:CXEDA6> M$,K;6\G,++1OVC/AX]SI-V%/C7X)L/%O@S6(-;T.\'R3PDMAD88W1R*?F1USRK $5UU !1110 4444 %%% !1110 4444 %%% !117F/[M17[0GA;]F7X7ZAXU\5S/IEA806ME 1YJ[<,"4AC!/WC@DGH%5B>!0!Z=17Y4 MS?M7?MT?%321\0?_P -$TOP1) ^^M+&WTR.XDN(>]D+*WGS9 ^_$JAL\#D5[M#^R+_P %2=&^+GB*+P)\5-+@\ >.FE^RQ3Y>.QNYP=IB*R'=;RYX".2"1C<" M0I /O6BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHKXD_:\_;ZUGX?\ MQ$M_@_\ !7PV/'?Q5N,+4+|[9(1!@L3R ?;=%?DYJW[M<7[8?[.JVNJ?&;X>0:IX6N9)#)91POH">$2[M2T<;GL) O@//>OT'_ &;?MVH/ W!4O@A2$/@V_)FAVIJ&DW6%N["0C[LB]<[M8I;P)(MI8:?_=KWMVZL8X@&0&+&$9BOSA48X) /\C_8=_X* >'OVMK"YT?4K: MW\.?$"SW2R:.LI:.Z@!XEMV;EMHP&7J.O0\ 'SA_P4&U;3]'_P""BGP!NO'' MEMX M[6RD;[6-UJDGVZ;S7<'C (MR_:;JY$7ZAYSR.17R_|\%/V08_VLOA M&MMI9BMO&^@M)=Z+<2X"RD]/,MG;LL@5>>S*A/&:\|_X)V_MZ32S0? SXR3O MHGC31Y#IFEZC]G]HW/EG8+.X+8VSIC:I/WP #\_WP#]/^"@'_!.JR^,%I>?$ MCX7VB:-\2[+_ $N>SL\0IK!7YLC&-ESGE7XW'AN<,-G_ ()?MK7O[07AF]\ M ^.IF7XD^&8OGEG&R74;52$,K*>?-1L+)QSN5NI;'V_7Y8_%_P -VWPK_P"" MQ'PZN_!FV*Y\3);WNK6MMPJO.MQ!<[E"S11B8_[3%NO-'ZG4444 %%%% ! M1110 4444 %%% !1110 5F>)FOX_#>K-I8W:FMI*;48SF:8=G_CV*^'OVC/ MVX/B!W>\_DOP0_9ITB#7O&5]S\'B>-9;;3F4@2*N_!V/+/#R29&[Y%5FKM2^'_#WQ.]*Z MAX;\5:/:Z[H=_&8[BRO$W[X]1W5AU# @@@$$$5^6G[8GPC\;?L&?M(1_M#_ "MN#S/",KW3-]MDL9,%M+*P,UM,HZ03-\RL,:7.!@]A:]$?V:_VF/!G[4?PI@\M3^$;P>8@6/4=)F8?:=/F(R8Y%].NUQ\K <=" ?F3\4OAGX^_P""4/QXL?'O M@2XNM=^%&N3BWFM;A_ED3)8V5R1P)%71![!FW?60T ?H)1110 4444 %%% !1110 4444 %%% <-\9_C5X0^_/@&^\ M8>-=532(M?E7C=<+2D';#$G5W,!<2D';#$G5W,!P!V!)() !W-?F[_%)M3C^%/PU1!, M= ;?9C>A"0IF$'[D'MG;]HQGWJZQ[W_@M7%;ZY;7[?!O5!X'GG\E-4FU,)<2 M -\S*ODF,L!_RS\SJ/OBOKSXC>$_ O[?WI+,MOI>H+/H?B.U%WI6I^7F2QNX MR=C,N&KWPA]G'A6?3K>32EM%"Q+:F-? M*"@= %P,=L8KP'JMC]A/PK^UEX7FO(([?0OB)9Q?\2[7ECQYN!Q!GZG<$E-,=V+ [_XK24G M>''W2Q)X)V_K5;7,-Y;Q7%O*D\$]"2.6-@RNI&0PX(((]T ?FE_P3C_:L\4^ M /'UQ^S-\84N+/7M,D>TT*YOFS)&R*6-D]Y^=''HW0MD@CYO2#&!^F5?EK_P6 M#\.6G@OXF?!?XD>'-MMKKFA?M22!FI\S5]+B@N]3 MN-(993)%&H,.H1D9$BA-J..08PIQM#F@#])[^PMM4L;BRO;:;&\L[B-HIK>X0M/'(C##*RG@@C@@U^4'[9'[OB']C'QU:_M _ 26;3=&T^Y$^]:1#EETW<0&P MN[;OQQ]HMP3E MHF/4TN\TW4;6*]T^\A>WN+:=0T] ' ME/[*?[2FA?M4?!_3O&FC)]CNMQM-4TUFW-97:@%X\]U(965NZLN<'(L-?E] M_P $K;'_(0'I]3HCP'H-U)=^#=-NI(!>0N77-O>RPP-GU,;/DCKM[X%?]# M0 4444 %%% !1110 4444 %%% !165XH\4Z1X)\/:AKVOZE;;/HVGQ&>ZO MKR01Q0H.I9C_))(%?#FM_\ !9OX)Z9XG.GV>B^+=7TM'9'U>VLH4C;G 9(Y M)EOS!6_V30!Z/_P %2I-7B_8F\=\'26E4&2Q6\,.=WV"?$EE+9S&/(W(ZE9(V4@-'(N>A 93@^E?EE\,_'_(X_MX)._M%:AX*\6PW>N?"/7[@SQW$:<30*MY!V$Z#:LL>>< ?\\VH_,3'IC]E MOP1^U/X$E\/^++%4O(E9M-UJW0:/\/E(^\C=U/&+QG_P M3B_:|6IGE\ :M(O#>]6VM:']_(GM;ZT?2'(A_@T*(((!&*^)O^"QOP_T'7OV8[3Q M3>I%%KV@:MFGW!X=TG.R6$>H("OC_ID/?(!]Y9SR.12UY)^R/KFI^)/V7_A M5]>LEWU*Y]-V+S22?>D_%?MA?M8:!^R/\+_^$EU2U?5M7OI3::1L,;#=3[2QW/@[(U'+-@]@ 21 M7.?L3_MO>&OVN_!(@+#HGCO38P=5T'S,\9Q]H@)Y>(DCW0G:W568 ^4OCQIV MFZ7_,%BOAU-X*_\(MG:)1O.84D>"=;=AG@?ZB>#T#<[]_46OC3_@I-^Q ME%(P/B'X7C=[*-?E.H6Y^9[;=V<$;HR>-Q8<;\CE/^"=__!0. M'XQ:?;_#+XF7@TWXFZ<#;6US>XB_MA4XVG.,7*XPR=6QN'.X Y7]OS_ ()W MM?37'QD^"=N^A>--,?\ M& T?2CY)NF0[S'HXXM6B4!5O(SPEW&HZ!L8=1]UO0,M?6E?ECX%|-V MOPA_X+.W>B>#BL&CZY;7,^I65OPD(FTYK]1"[P!YZ1R =!N4"@#]3[*** "B MBBB@ HHHH **** "BBB@ HHHH *X+X_3:M;_ GXCRZ TB:ZGAO4FT]H<[Q<'U0_M D_17',= ^W&*^-OBI^VU\5/CI\:KKX4_LMZ997IT>4#6/&>H1+):1%7PP4N"B MQ @KN(9Y"&\M> S?>OA]=4_X1[35UXV;ZU]EB%^; -]F-QL'F^4'^;9NW;=W M.,9H ^"O^"+NI>&)OV=O$ECIJP)XHM]=>35QQYSQM$GV=B>OEX615'3";_ ,)^,]&M];T2\7#PS#YHVP<21N.4=<\.I!%?E=!2\$C M?VC+:ICFO\$_P:\32;'Z#[3"",JR_=2[A!R#P'7,.!F";BXU2[5:XY\+Z3X MBT.\CU#1]15M8[RTNH_NRQ2*&5O:@CCM7BWI>Q@'0/B#^R3]2[:Q D0BTW1[CM5[.>3@P7=O&TD+*>H)8;..H=AWKR[_@D;KFIZQ^QKI.H%V@T_5[ZTL6?O!O M$G'L)))1^&.U 'VA1110 4444 %%% !1110 4444 %%%>8_M!_M&>"/V9?MHW,NHPX+1R!9K4RAE'4^5N [X+8[TZQ_X+400^)K&36_@_]>F> M"[U\1:HNI;]DQ@X,B1M"J28_NAQ_O&OJK]I+X*^%/V\OV:8+?1=5MY5OH8]9 M\-ZXJDI%/M.S=QN"L&:-UQD9/&Y0* /H'1[]QO=)LKC3)(M-F@22UDM2*8T M14%'A'&TKC&,,8KY# ;P_P""?&@?M0:%<^)/#,%KH?Q/M(LPW@ CBU0 <0W. M!][PLG5> OV"?VTM4^ ?BB7]G;X[%MET>X^P:1]NH,%6R8?=M9G/' MDD$&*7. & SL*E?U.5@R@@Y!Y!% 'YX_\$T/VQ/$'B#5+[X"?%9[B#QYX?$D M.FW&H$BXN8X$ML M'BS7+ZS%Y;6W#3O%=QQ1NP[^9&YB/J(L>M?J=0 4444 %%% !1110 4444 M%%% !117QE^U)_P4_ \/[//BV;P=HFCW7Q$\86[^7=V6G7"P6UK)T\IY]K MDR>JHC8Y!((Q0!FU^?]+76+!?VK/VAK/Q:4_X67=7LCQR7/\ KBB7"9#ME'^T6.0[%0#]-I?\/Z9XJT6]T?6=/MM5T]B.-S97D2RPS(>]5K@ CZ MU^2'I3G[-OC+_@G'\5K'XV_!:YN#X%DN!%>:?*S2I9!V&;2X&%C]UQZX.& M!%>R>-/".C^/_ ".L^&_$%I'?Z)IUI)9WEO)P'B=2K#/8X/!'((\'(H Y+]GO MXYZ!^T=\)=="|=^'24M-0C(GM)&!DM+A3B6%_=6[]P58<$5Z/7YE_\$6[]\L% M^-WAR&Z;^\-Z=JEE)93C[CRM]IC=QZ[DAA/_$>M?!I0 4444 %%% !111 M0 4444 %%%% !163XL\5:5X&\+ZMXBUR\33I&TFTEO:RZD!(BAC4NI8). # MP'ID]J\ 9B_:\^'WI6&@ZC?^#;NX@O-.E_=WI&I*L5Y"FXB.4HK,"C@9# D9 MR#@@B@#VROCC_@H1XE^/?PMM?"OQ+^%&H)=>%?"[O<>(/#T=OO>Y0\&6;O) M$W!E7:4)\SG&Z/[!KPW]KC]]_P)?LG?#>37?$&W4-7O@\,D:#&X$NH3 #([M[8UW*7?C!4XQO\ DKO/V#?&'QN^(WPQU+Q9\9DL[4:W>?;?#]E':BWN+>S<$[74 M#B/E?+WYDVY+$@K7Y;K^RE\8_"OA6R_:AD\|Z&VG+K!UY_!C6)V0V>_S5F:T M[6W)&W.Y4"OC;\P_7O\ 99_:F\(_M7?#F'Q)X;F^RZA!MBU71)G!N-/G(^ZW M]Y#@E) ,, >A#* #V:BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BO$/VKOVM?!WD)@--=\2%[_5+UFBTK0[5PMQ?2 G!//W(UR-T MA! R!@DA30_8\^,?Q4^-O@G4O$'Q-^'L?$$]FGX-U*L/Q!-?_'_])/5:SP0OQHM^"^JS%K_,&^)'DC5^K*Q>"0K_LAK96[/WN>] 'IG[!/[>VD?M4>'5\/>(6M M]'^)VFPYN[$?)']"+P:B_'_Q^]IY'RI.3_:]_8Y^%W[=G]N>(OAOXJT:T^)MN@SG3[Z_L)5EMYYD&!!>*F2&&,+* 2 ",.% 7XM_;OT;PKXY_:VNHOV<=-UB M_P#&]K!)64[68@#+EL_2G_!"XG?"R#P+]WM@;3;8Z)\4]3=ZH;R8,^KQ(6\MH3@86)78&+]N6?G'O_M\+_&&M:6BO]>G:/>7EJK=#-']H#[M;@*^'2C+_P %$-#?V9_M$1\'Z-I$WCWQXH'GZ79W A@LMPRHFE"N?,(((C52<=2N1GXKNO"C3_@D[^T M!X_|.VVGR:OX \665Q=Z%N'[LR]'-I("5>-\,C"*5>I4[L']W7U[_,$R?V:] M,|'_GLOBYXABBUOXD>.!)]TVLW($LUO;S,2L:.?NEP=[D8)+[3D** .6^!M?_!43X>_M%:W/\,_BIX.7P9<:SNTT0ZA-]KT^[=SL^SR[HT.3-G'S KG]RG MKRWXM?\ !.OXO?LQ_$:3XB?LNZY>369)9]#%TBWD"9W&(B7]W=PY'"OEN%&U MR-U>Q_|/6#[F/PMXX^)6L?%&WLK?3O&OA=893]$2A&O;9I4C;&4C[VW?N0Q MD%=HX8U[C^P'\2-9^+'(?PY\1^()Y;O5Y+2;SGNIB6>?[/<2VZR,3RS,L2D MD\DDF@#XHU4?MQMEZ.GP[\3^&[?X;>$;IEAUK5I+ V!GA!RP&8V^P:=&:3), &6HC3](L@ M%4;IKF4_'-:C\ M)_$+28Q!%?R(WDW<0;-H![K\<_A_X5\1? 'Q?X:UC M2;$>&(]$N%%H(52&V2.%BC1@#"&/:"I7&W:,=*^%_P#@F5^TK\-O@5^R=]E^ M(7Q T;0KFXU^\N+/3I[KS+I+?9"N?(39=[ATN#1;#7;^Y^VO(K$I)YJ1@@1I(QW;LI:^M_@?_P $EO@CMI(@#0KCQMH^I^*_$5U8037YN]5F@BBN&C4R+$MNT>$#$@;BQP.2:_W^,GPG M^!?_ 4J^'LK^'O%6FZCVDIMLO$.D,&N]+9@66.>)L,8F.3L<#^+:.5.37R+ MX/T']N3]B-W\)^&]"/Q%\'QN4T[IX#]MF@ZYC"LD\"_[#;5SG .VMO)ILTAEE2WGNEM[BW;'^L3#*R%LD.!U*;C^P5 M 'YV_L\_LA?%KXY_&[3/CC^TW,D5YHYCDT'PFA0"%T;?$SHA*QQHWSA,EV;E M\8(:]$]** "BBB@ HHHH **** "BBB@ HHKX^_;O _;OLOV;=,C\'>#HT\0?% MK6%6.RTZ)/.%@).$FE09+.Q(\N+]QP3\N P!]_$KQ)<>#/ASX]\06D(N+K2M=*NK^&%AD.\4+.JGZE0*_/O_ ((\^ - \9>&?'7Q>UWR]> ^(]WK\UG)I-[E6 M>VC,44K.I/*M*\$[F'4(\V.?7_ \FW^'UCJO[5'PFUW2?'+V]YXK\.3K::@_ MDK'IMMI5/ERO&%#$K*C #Y <#=BOCO0]>UW_@D_P#M@:MIFHVEWJ/P@\6' M?$T9+%[3?F.5/[T]ON9&4XW*Q/&]" #]%OVH/V-/AU^U1XF1V'B)8] MMEXFL8E6]MF ^4,W_+6/UC8XQG&TX8?G!\!?C=\0?^":/QI/P=^+XDU#X9:A M+NMKU=TL%M'(Q O+4GK$23YL74'<0-P(?!;/"?BS1O'7AO3O$'A_4K?6-%U& M%;BTOK1P\'L.?6-&O MF&'AFB0N\>?[LJH48'CE6Z[_'S-^TY_P3-U.3Q5!\6OV9=83P_KKO\ ;UT: MRO1:Q,SC/FV.X(6,_#_]V(0ACA@,+7)P7%+_ (*$?$+0Y(A\?!1T:[GOVMQX MKFTZ.QG"_,,_ V@R"$'&?FB3=S\OS8KZ_P"^3'Q,UXC?LB6%MJLKW$OAG5; MC0891#EF@2.*:(9]$6<1CV05]F4 ?/7[%7[(>D?LB?#&31XKI-7\4ZJZW6MZ MNJE5GE (2.,'D11AF"YY)9F.-V!]"T44 %%%% !1110 4444 %%%% !15/6-M8L/#NDWFJ:I>0:?IMG"UQ^-W_!7/Q6?C3IVI M_#;3VPX2:#?I:W\ES9@G6]^[=EV&8,HDAB4$-\A9LC** >E?\%&K_P 2?M$? MM+?"S]F30+Z;2[*U2-=8UBX0$]ZYE.67(W"&*WED"YP6=>X&/]"U_8#^ 5K\ M-QX+_P"%:Z)-8>1Y+:E+;*=39L']Z;O'F[\DG(8 9P !Q7K&D:5X1\>77AOX MA6>G:?J5\VG;]*USR%,ZVEPJOA),9"N-IQ[^YK]Z /RJ_87M]=_8] ;S\9?L M^ZA]$E[X:UR.2?3FF; E;.$W%O. /E#M)$<$#JR@?PT-^/OI/W@W]I+X?7 M7A'QII_VJQD/FVIU"0ES93 86:%R#M89]"""0002*^(?VNK=-!_X*]?LIZM; MX@FOK2TMI6Q@/_I-U'UIDK(%_5IT_&IXW>$OV>_AYJ/C+QE]*V&E6@VI&N& MFNIB#LAA3(WR-@X'0 $DA02 #\R+/lG/]KG]@7Q1??\ "HIY/B%X&NI3)IEM MH1D O_#79Z#^SE^T7^WMX\T+5_VB;=? OPVT6;[3 M'X;M8_LKW3G&42+>TB%A\IDE;*OA[\ M4VA77GB?6=';[(+5TC+*7M=F!N55D1T)RVT/EF&, 'H'_!6CX:MX\_9#U358M(O,O?"VHVVL)M^]Y>XP2_@%G+G_<]]^/OB+^S?XCT?X;_#_]K7]GV:;3M3DT MR#5-?TC3%R;6Z";;N:!!PTD6420XP!N.-I(7]9_BEX&MOB=|-?%7A"[*K;;MII=SIKLPR$\V)DW?4;L_A7QG_P $?_'DIY^S_P")_ 6K?N-2\$Z[/;R02-_J M89LR8/I^^6Y_*@#UG]B;]M_PU^UMX(8R&WT3QWI<(;6-$+X&.!]I@RWNWBNKO3K@-8ZAFW'^\:^FOV%_V*-4^!>HZY\2OB7JH\2_%WQ.'-[=>9YJ6 M4;L'>-7_ (Y&8 LXX&T*O):[#HH **** "BBB@ HHHH **** "BBB@ KR3] MKCQ%]?A/IE_XIZOH\C0ZG:^'+YX)D.&B/DL/4^]@EA[BOA]H_ (*@:UX? M\53>#O@3<1WCZ!*+G7O$T=JMVW!A'53!&'"OE;F57EJD=3[N__P")6A_M M;?LV:/XANK.%]-\4Z5)9ZKIH)*)(0T-U!SSM#!P,\E2#WH \'_X)$>&=#T?] MC_3=4TV*'^U=7U2\EU69<&0RQRM%&C'K@1+&OO0;R?XCF+]J;_@]X3^!?C2M;P/X.\/3_$CQE;2&&]@M+@PVMI(/O1%PCM)*/, 'FWP(M_P""AOPL ;52]^$WQ*\(IX9U'7D^QQZ7]%Q][LM18G_5I+L1HY<@%00#N VM MN KQ3QM^P;|?/V-_B)<^-/V:]Q2.$21BN"9HY-FU M^NTD$G"X^T/V6_'VI?%]G/X<^*M9)?5]4T2VGO\",>;-L >3';4=EX+^(6C02"OX>>>=')UQ]@:S^T!""N8D\&EF:*Y"C;'NP6Q MAC6XMX%=MSL22SR.>[NI,['U8\#I7744 M%%%% !1110 4444 %%%% !117GWQU^.OA']G7X=ZAXJ\9:@+/3K8;(H$P9[R M8@E(84S|SM@^P))((/0;_+KQ/%H_[2_ | P5LN/!_QG&(N/#/A&R*:+X?OBM#!=S1P1S%2G1@[223$?Q+$BME1BH_P!E?_@IQX\^(W[5MCHGCRSATCP'XX;R M-_L3;A/L#[G2W9)B TPDD1HF8Y!D^[L"E:!P_;:_X)V/^T/XTL/B\/\O$D?@ MGXCVJQK+P?MO\ @OPUXI_9(^)M MKK]C;R66F^'[N LRTI5Z7;$+/ T]U@ZJO&,@E>A-2-W[W]5?PJ^[[&W@/ M2O'WQ&T72=5+7T]Z:UR;BZMXFO9B@>*,,Z9!W$=&!KY1,;$^']'[1WPH^'^@ MP_%+XUR>+D\0ZNFE6/AZRUJ\N(IRR%C)+YR1KA2$7D-S(.G-?"5;Y>\$ZA M^WG^R3"/!&G^%'^(.@6^;?3IIK"_AG M,_V+?BM/\ L[?'Y/,\&W#*MTL;R\836]BLA*HZ.PP]E("00>$,>%PZU^LNDZM9;I[=I]6FW<&H:?=Q+/;W5 MK()HV&5=6!PP((((KY#_X*D?L]Z3\7_P!FK6_$Y@BB\3^"X'U6RO<88VZX M-Q3W5D!8# ^\B^IH \'_ &AO^"9?C7X7^/E^)_[+^KS;3J.-/V^?VA=!D^&U[X/C\'V=]&;/4_$D^G?V@_LH_",S\':/*=0O9)#=Z[JKIL>]NF M#/MR=[*[JN> HSDDD^S444 %%%% !1110 4444 %%%% !17/^//'WAWXB>$ M]0\3>*!8M="T*PC\RXOKQ](.@ [LQ. %))( )Q?QPO_!8[X\GQ*-,,'BT M67F^7 ;1T]/(]M_O(?.\[; VRS[4 =?_ ,%4/'I\# L8^+((W\NYUZXM='A;M/]^422#!8HI1^-?$?O,_8R^)W[#WA_P)\=?A3[%[)>:=I-K+XHT[E,C6C30QW$,D4L:RQ2*5>-P"K*1@@@[10!X'^Q[^V%X5_:X^' MXU32RFF>)[%536= DDS):R'^-.[Q,0=K_@<$$5Z1\1_@GX%^+UYX>NO&?ABP M\13^'[O[=IK7]%OL\O&3C.&4[5RC94E5)!P,?FS^UY^R'XN_8U^(]_M _L_- M+8Z+:2-/]NBVRETT]6.9/W8^_9O_!)_RSZC^@%7X?_P#4/X3^)/V=[WX MBZY>KHVN:6]V]_X50>/=LIV1VX./,1RK%7Z !MVW:: /L9U6165E#*PP58 M9!'I7F/P@_9G^&_P'USQ1]_@?PS;Z%>^([@7%\T+,5&,D1Q*3B.,,S-L7 RW MH% S/V3/CO]O[2'P7TSQU]_@^\Y%RWTTJPV=Q+Y]SP]1LGB8]I*,#P2HY4XR M,$^QT %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 ?F M7HNDVW[1?_!7CQ19>-HEO=*|Z49M&TNZPT6Z$6XO]>0W]RZDG^H7/3%???Q ME^-W@OX_^KCQ5XYUN'1=)B;RT+ O+<2$$B**-'[?6@^M(OV1_P!L#P=^TUX9T]K[0M1>.TUF%6*]TZQ&&2)ST42VX&P\X>)B1P,V/A][MFG_!%1OVMM:\7ZX;JY^"?@&W@@TS19]T0O9Y1NQ(HZ;F21GP<[4B3D'- 'J? M@W_@L=\$?$WBJ+2;_3O$_AJRFE$<>KZE:0M;KDXW2"*5W0=.0K8[XKPK[J3X M)?&FP_;TUKQ%!$N;CP[\8[)BM6\0:.X>TB1A";AGN%R(0?)$@EZE97"$G(' MV[\?/V"?A'\;/AO<^;?P=HGA/5(8"NE:QHNG16LME(=F?+"[X\8VX()QA ML/G+_@CI\3O$RZ7\1O@IXFE>-<"KQ6LE=M_V8/)+'/ #_<$D>Y?>1 _:@#Z= M_8[_8]*\_LC_ &EZ6$U/O/?*KZSK\D>)+]0?P)W2)23M3DDFM3PW^QW\ M*_"/Q\UXPZ5X=6U\8WL3*61L6T,K@6XCBQA99%8JS=P2< LY;VNB@ HHHH M **** "BBB@ HHHH **** "O$_VU/'^]_"]E7XE^)-#EDMI7M=)>.VN(B0\ M#RLLL/FJ1T9/,W]BHKVRN0^+WPWL/C!\+_%/@G4V.=EKNG36+RJ.F(NI"R#W M5L,/=:/F;_@E+\+= \$_LD^'2$>GVT3:YXJDN+W4[_,DA2XEBCCW==]F%GW M>FYG/5C70_M*_P#!1[X2?LS^(/\-ZG/['B?Q1#C!3I6@QI*;3/(]$TCN](V.=_M@\)IDD$&O@3X)_MF>+/V%/AK]6O@;XNTZ2#Q=H9G/AF=5+I#=RL]L#D8,6'^ MU(Q # ,#]]17VA^PW^PIX0^'WPMTWQ9\0/#]CXP^)'B:)=5U*]\06Z7CVC2_MO!$@D#;7 ;YW^\SEN<%2Q^,7]/G_!4CP%?_#^XDO-*\01+][M++4XXX-2 MM)0I_?VK!G20#D,H)ROWE (-?*VA^(_VC?\ @E5KEWI.I;,WQ"^$$DQDBF3S M/L(W'AHY@&-G*3]Z-P5)R0&X>NE_X*4_LMZ9^S'JWA7X^?"")/!MY;ZO%#>: M?]I"_W@N"K/%<11CY44[&1XP-IW+P,MG]-/A#XY_X6=|*?!GC#R1\'7]&L]4 M,*YQ&9H4D*C/H6Q^%'YC>.OVA/C!_P5$MK+X;_#KP+-X'\ 37$3M/ M$51\A7E"(I4'#"%0SNR*('9?!,D<.IW-MN*+=+/,KJ2.N4M1&#U'F/C&;_2ZOSS_X*R?!?Q#_9 M_@OX\^"1(GB'P%.GVR6 :I([<2B6"<#NL4N|=[2DGA30!IV>(/$/AKX4^"[G M5-6N['PUX7T:U!DFDVPVIK"@ 50!P!T4*!SP_X%?%5Y_P %FO@A;>*GTV+2 M/%MWI2R>7_;,5C"(F_VUC:42;/JH;_9KP_Q!\KS_@JK\5OA7\,=+:|\-^"[M'33K_C2VA)!^T1OLDC0D$,HS&L;'H;DEAE<5]ZZY^Q+\#M>^'+>"9/AKH%IH M_D^3%-9V21WD+8P)4N0/,\SOO+$G^+()! /G_P#X*/:"^UC^Q38^+?AA?Q> M*]-TG4H=?']GDN9K=(9HI@QND?G;F0@, C@C/%>?\ PK_X+-'>]!+^.F0^ M, #6OS^,;"T2VFBTV.)K:]D10HE$CR QAR,L"IV\XW<5SG[K>(_V4?VYO'7 M.EXJ4FJ>&KQ):FVW# \U($N(+#HK/:G:X'4A?[HK|"X?V;_A-;^+#XGB^& M?A./Q#YGG?VDNBVXF$E@#XY_9-^!OQ" ;3^/L?[3GQKT[^Q M8;>(+X0\,2*1Y$>&\N4HW*H@=F7< SNYDPH"[OT.HHH **** "BBB@ HHHH M**** "BBB@#Y$_;V_;BC_9CT>S\)^%+1M:^*OB&$?V78K"95M8WIR?&'XPR/X^+FL.UVB7S^<=*,G+,S'(:X8 M'ENB#Y5]D/9&L_#WPOXB\3:-XBU3PIFHZ_HQX8;RI-R9'H M:Z&@#H-/D_X8B_X*LSVI_T^P1\1FX!XC5+U\J1V41WB%?]93/0&OT2_:&_ M9Y\'M,_#F[\'^,;.RVSGSK2]APMQ8S@$+-$W9AD@@\,"000:^2/^"QOP5?Q M=\$-$^(^FQ,-5\&WH6XDBX?['<,]Y5LCG*2B$CT#.>*^G_P!C_P"-T?[0G[.G M@SQFTHDU*XLQ;:F.ZWD/[N:(!;F4N!_ ==: /S2TS5?VAO^"4/BR\L)]-/CKX M275QYJR8D^P39_C20;C9SG@,K AL=' #5V_Q*_X*0>-_VQO"MS\)?@I\,M4M M-?\ $D)LK^_FN5F-M:N-LH4JH6-64E3*[*I.!D@K^K$L231O\BR1N"K(PR M&/Z@CTJGI.@Z9H$F:=;:='(V]TM(%B#-ZD*!D\G\Z /)OV02V=;7]ESX%M:'X'BN4OM1C+WFJ7L8(6>\DP9"H/*@*B]"5121DFO:*** "BBB@ HHHH ** M** "BBB@ J*ZNHK*VEN)QA0AR22.#R* /RD^+GQ<\>?\ M%0OBU)*?A3)<:%\'-)F636?$$L;*MTH;B:4<$J2I\#@L1O?&/W?TY\>/V& M_"-G^PWXC^%?@71UCN-,MOJ8T^9@'N;S48!O,DC8^:650\6>@$@ 4 #Z@\& M_#[PQ\;&ZLO"WA_PJ3/#EG=7+WD\&EVB6Z2S<(=RH "QP.?85T% 'PU_P2+^ M.?\ PLW]FUO"%]<>;K/@FY^8Y9K*7=);L?IB6,>@B6ON6OR4^'#*]AW_@J M;JGA9O|0O!'CR7R;93\L2PWC^9;;1TQ'<@P9[*&K]:Z /RX_P""F/Q L/A3 M^VY\ /&.JI-+IFAP0ZA=);]&D:*.]9F" D M@') SW]#X2_"7QS_P %/?BM M#\6/BQ#<:#\&-)F9-!\,QRJWJAN40\$]2H\V?@N1L3 '[O[=_:*_8W^&_[4 M>L>%=2\;Y26C8]#\I5ASAADYIGTO2[/0]_M- M.TZTAL-/M(E@MI6VC$<4,:@!411PJ@ =,4 &EZ79Z'IEIIVG6D-A\]I$L%MO:VT8CBAC4 *B*.%4 #IBK5%% !1110 4444 %%%% !1110 5X;^UW^U=X M<_9)^&+^)-8B;4=7O&;VT?2(R0UYZ.;_5?IP.!7S9_P4/\ M@C_PO7]E7Q=IMK!Y^M:/'_;NF#+&:W#,R+ZEXC*@]W% T1HVL6?B#1['5- M.N$N)OH(]FVN(SE98G4,C#V((/XU^2?QP_97^/6C_M9?$KP3]+K:^TGP]1J M9UOJ[6H5*V2VQ8RSI-.!^ZVR2S QC#.K!0"'"P?J'_@DS\7'F MZWX)G_LN0,@#Q[IF#]E_PA^RO\,(/'_AB#S[]7;+ MJ]FL3(!<:C.!@N_HHR0] X4'N2Q-7X6_L=_ "SX-_%CQ)\1/"OAU=,\0ZXI5P' MS;VBL09!;QXQ&'8!FZ^B[5XKVNB@ HHHH **** "BBB@ HHHH **** "OS;_ M &T/VM/&?QS^)ES^S3\ (;BXU]>:2P\1Z["3&(0IVSP*^/W<2T?X>^%_#WB?6/$>E^'M,T[7]8"#4=3M;1([B\V?=\V0#<^/_@W^SWXC^(/4';^J !S7Z?U M^37[>=2LB_M[?#WXJ;3"Z:IKKJ"0C DDB5;>CXX!>W=",]69CSB@#[W M_;P_9-\(?M:?#[Z\XB4V&K6KFZ72=+#T3V$!'/!QOC; #1D@,$,%8?G5X- M^-'[1?\ P3!OI/"'7COPO)XY^%\/LMWL/E9SS#*O7H%R2?UZ MTW4+;5]/M;ZRG2ZL[]9X)XSE9(V 96!['@@_C5F@#\G?$WD ^+O_!6#6-$\ M(Z%X1N/AU\'+&[CO-

6UBXD:7SF7(_P!:5196 +;(4!PQ#.< %?U-|^&=-|$ M^%](\/:/;+9Z3I-G#8V=NO2.&) B+ ^"]!6K10 4444 %%%% !1110 4444 % M%%% '#?&SXR>'/@#\,I:|*

*<^*YY(='TN,.RP)OEFD9@L<2+W9F(49(SDD $U M^;GPC^$?CS_@]%\6H_BM\5H[C0O@YI,S1Z-X?BD95NE#F:79P:=IMG$L%M:6L8CBAC485$4<*H % 'YQ_P#!7CX%1:+\.?A_*

M\3?!E'H_@>YBTLC3XQ&MK9NP-LR@#"K%,JJH'>>OM_)G#XP6OQZ^!O@WQY M;% VL6"27,8PSY M3LO[N4#U1PKCW45^?' ,'GXHW_A?5OB/\"/$NZUU?

1KR34K2VE/,:H&M[RR(9 M_NN(F 'lZ0^M 'H/ !7WX7^>,'9 M,'P?\(^.?#,4US)X(U1[V[C@<3 4,@3_2-N M.1&\;9] Q)X!(YG2?^"U'@-OAK;W%]X,UZ;X@?9PCZ3:K%]ADN<8RLY?O;_ M

#5U"TT:WCF1_P"\C!,JQ[E<$]Z /E/]BG]FGQSXT^+FJ?M+?'*U:U\;ZH&& M@Z#(I3^S+=D*!VC.2A$9|M$)W %F?+-Q]YT44 %%%% !1110 4444 %%%% !

M1110!\U_\%#OCE]GP! 99\3:]H-RUEXAOY(=(TZZ0'=!),QWR)F6)92I[,% MKBOV!?V,_AOX'^ ?A7Q5?Z'IGBWQ7XLTN#5[_6-4MDNF N(Q((_!"*H<*V M,%V!+=@/>_VDO@-*

HW!2GPH1A{6^1=S6ERAW13 9&<,/E_ 5W8:IX1MY7^2QW9NI-GMX%9B2LD[MF MW).!DG(!T?AOX6Z/\ O^"OFC:7X%@CT/PQJV@76JIZ80$):VL:VEP70#^&/

MSH89-O12PQ@ ?6?[17PI^# .VMX-N/ UYXIT.\\06NZ;3+[2K^"XO=-GQ] M\(KY9#C#QG 8#L0K+ ^<'[./[(?C#]O[XH?$7Q+\4_B)=K)X>OH]'OM0L((Y6 MU&12X.

<+C;&B((T(.P@[U^6N_P#VKO\ @ECI7[/GP]OOB; &GB(:MX65=0 MN(-4FB\THC#=+!-#'&8V0?/@@Y"G!!QD YKPC\6/VA/^"6&O2>%/&&@-XT^%*

M\DS&R;S7^QG+9+6ESM/D,2>M^* [;GQ! X$Z' PISX+_ |O M])M]99$US5[ZX#K#;;LE7=5VPQG:"S$EF&45,98XKW72=#T[P :"UTO3[73;8'(A MM(5B3/KM4 4 <-^SO\%=-*

_9X^/A2X?Z5.3 +]#1[:9+=,NTW$[L9)I<9.-TCN M0,G (&>]'HHH **** "BB@ HHHH ***** "BL?Q=XPT/P#X=O=>|2:Q9Z%H MMFF^XOK^9888QT&68XR3@ =22 ,:\'\$?*

*\%$_P!GSXA>-H?"NC_$*W.JW$P@ MMFO+.YM8+B0\!4FEC5,D\|#)&XD!M7U*?3? M>GQ+]%Y;02%#=3?9I;F1LXY8Q((E/.W5%<6-FL%[%QC<+I<2ENA)9CN(^,-?*

(G_!4KX6^*OA=\4/ W[37@5&-U MH#V]KJNQ"5B:.0F"60 \QR!VA?H,;!_%7VI^R_\ M,>%OVIOA?9^+?#-O!.H7DCX M4ZI<+%/'.2(IUYQ;7BJ-J2@;O+F4<\D ?,E?JO

OXW>%_VAOAGI/C;PE=_ M:=,OEQ)"^!-;$#'F02K_ NI//8@@C(OJIX,T7XB>$|5\->(|.AU;0|4M MVMKNSN%RLB,.?H1P01R" 000#7Y?_I4V>L?I=?\ !0SQ:\|)+Z:|\+>(8Y7L

MO-.=VR!KNUF/8/Y(DC; +?04 ?HE^T-\<_"7[._PKU7QCXSD)T]$?9X[.- M\E[.X.RW13P6:/Z\ !B< &OS._8G_8)MOVDOB!??&GQSX2M_"/PTO+^2_P!$ M|&V^_P]]! ?#?

*Q.\.SZ!XKT.Q\0Z+.RO)8ZC MLT3,K!E.UAU! (-;=O:Q6=O%!!$D$$2A(XXU"JB@8 ' :,@ M[>*SMXH((MD@@B4)''&H544# X [5)110 4444 %%%% !1110 4444 %%%% !1110 4*

*M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%QL+#7+HR:/KD$*V[OI[,V%MI<=8>_M!?>6QO_9^^#_ (D\?:AIE|K%MH|)?*

*L5@A:25F8(M@)P0B;F&YSP]Y/.,$ L?%RU^'_B[0T\ >/[G29+3Q<'L+?2=2N$CDOV4;R(5 M)#*UP&!7E2%(P<5^6GB3X>_&?_@E#\3M0\5>"XY_&OP=U.51=+.I,31Y^6.Z*

*M"#]Q,N2]S@;6STY,=>W?LI_LV^./VHOBI8_M)_'PRQE)((KPEX5^:..VC5M\ M$I0G*1]<,BGYG;YWR"- Z*S0I<1/%*BR1.15D<9# \$$=Q0!^((+72[V.+[+%<-\H)D1RTH!*

(PH0%^GRYR/5/"':/[.'B3 MX'> 2$?C'QZC0^/?'=TFH7MK)+6%2[(D@_^61FED=E'3X)/))D1 W.3WKN* "BBB@ HHHH **** M "BBB@ HHHH **^'/^"O[97C']F+2?!.C?*

*#Z6UMO$>O33W4]U/;K<-#;0&/ MY1&P*_O"Y!8C@(V,$@CU?]B_]M#PQ^UUX%^TVWE:1XSTZ-1K&@E\M$>GG19Y M>%CT/52=K^(BC11V M=DQ*LT,F/EQ@[YOX!\]Y=AM -*

*+]LW]D/P-^W-X=O]7\$>(-'/Q)\,R2:=_;% MGU%DN-;UF M0$&\G (5<_+&FY@]I>222237JOC7X;^$OB58PV7B[PMHOBFSA?S(K?6M/AO M(T;^]R*P!IQ0!^7?*

*QN^/'B' @]=XV\/_"/X4>'M0T?P!8WJ:EK?B#5HE#(M"HD=5+*BJ&DV)O+2,1]W:_5'PCX9L?!/A31?#NEH8M,TBRAT^U1NJQ11K&@ M_P"^5%-|*^#=*

*\"Z2FE^&]#TWP]IB++:"?X/2:C+I=FMC;CS[M".*0HMV' W2EAAI$). PV8QA_P!2O#WB'3/%FAV&LZ+?V^J:3?PK<6MY:R"2 M*:-AE65AP010!HUS_CKQ1X8\)^&*

*[B[\8:II>DZ#,5MJYM9FCBMG\TI!&\YD(4 M[BV.'KFM#Q!K4/AO0=2U>YBN)[>PMI;J2*TA:69U1*Q5$7EV("CDG K\R_! M7@?OQ_P50^*D/CGQW!>^%?V?*

*O#]TRZ1H(>&5+R7VAPHUPUC"Q#20R1 YGM3C.1\T> M 21M$E>B^&?^"V'P^F\!O=:_X(U^T\7Q1?\ (-L&BELYY,8^6=F#(I/)RA*C MIO[_*+Z?8V^EV-*

*M96D*V]I;QK###&,*B* %4#T %<;(GD\UM7DT2V:[9_(QF*;R?:>^3QN\8?M3?$O3?[%O MCP5J&0:#1^SKXEO[V'2=,DND#I#+('=I-AX8K' M'(0#QD#((R" ?25%?*

*$/_3[_P""A-G^T?I\7@CQU-!I?Q1LHR 2]PO:PBCY MI(U& LP)>,#L648W*GV\0 5B6?C;P][/BK4/#%KKFG7/B/3X8[F\TF*Z1KJ MWB?*

[CO$#N4'L2.X]17SQ^WA^U+XB_9Y\'Z#HO@;PY>Z_\0?&5Q)IVAM%:F6" MWE 4%B,?/)\XV1]R"3PI!Q_V%_V*[CX!QZC\0?'VH2>(OC#XFC9M4OYIS*+- M)&#OK9^=RRJ7D[E0U<5MK>8R"%6DJ@4;D"- M_P"(8#'=@N ?I1117CW[6'I0UO\ LP?!75_'4NC76O3P.EK:65LAVM<29$9E

*M<#]W'D'M)\4:7X;OM[!>WQ%QH>@S QII4 M1!\MWCS\A"L0D7\ )9LR'Y?ON@#]D_V>[>X_8M_X*A:_\.$ADB|(>,G>VLHD M4E!#.#*

<6;!U\MPT!/;,AK];*Y2]^%7A'4OB/8>/KKP_97/C&PLFTZUUB5-T MT%NS,Q1,|+RS\@9PS#."175T %%%% !1110 4444 %%%% !1110 45^?_P#P M4J_;]\;?LR^-O WA7X?_*

&/4;B#^V!4:ZMA/YMLLC(D&#]U'\N8LRX2?I3|E'IJDO^UC\,X_$'4ZO6>K6P6+5]#FD!GL)B.A_O1M@E) ,,>C!E M!!9229QR>!2U^27I/;7QI^*7QH^+[?LP?![2K[2KVZMXY2$?*

B2X1H8TLY%!.R3 M'RP;6P\@Y=OW:C]& /NKPEXV\/>/M+?4_#.N:=X@TY)Y+9KO3+I+B(2H<.FY M"1N!ZBOF[_@IE\$/^%U?LH^)&M+?

*SM;\,8U^QVC+$0]WGH.YS"TO'=E7TKTW M]EO]F?PS^RK\++7P?X=:,2[E>3[5]6IS\27UT556D*Y(1<*%5!T"CDG+'UNXM MX[]"2";-989%*/&XRK*1@@CN"*

*/C[_@E3\9I_BQ^R?I.G7S22:EX0N7T!Y' M!_>0HJO;D'T6*1(\?],_<5]BUR_PW^&/A7X/^$K3PQX-T.U\/Z%;EFCL[13C M M%&DDD;HJJ.DGV % $U%?E#^S]_P5_P!6U#XX:I;_*

!1M|>S^6N7132[BUMP MK;&H;:A=@-TT9&/,8?8\)7 ^2OU7L;ZVU.RM|RSN(KNTN(UFAN('#QR(PRK MPX((((X(- $|8OB;QKX(P%1V#^(-;T_1$U"*

[CL+1M0N4@%QWT^$S3R)&I8A%'4|=| =20 3 M7YV_!X,>-O^"C'Q2M/C7|9K>;2/A9ITI/A?P@KLJ7!L@IB8R5!>3 ,I&!A M #]-Z_(_|*

;,M;C]C7_@HMX^,>FP/%X=\32I>WJ0KQ(0!;ZA&!W8QNDO^ M_*#VK]<*Y7QG\+?"7Q$U+P[J'B70++6KSP]>?VAI:6BB@ HHHH **** "BBB@ HHHH ***^2/^"DW]4WB3]FM+X-Z3-X*D@@\8>(M2&GV=Q-"LQMHU1GDE2-@5=P?+4!@4'1^|R0< 4 ?6]%?(_ M[!G[>>B_M7>&%T;66M)''^)>FPAK[35.V.]08!N;<'JO]Y.]$|P03]<4 %8FC M>-*

*O#WB+6]9T;2MR9UW(LJ Y0DU#4OB5XX5XM.U"*WW16I8.UVC)^5IAUY^6-?G;C&>@_8: M_8OM?V6?"U_INMWI;_|KQ!+KNK-*TB@EB_DQEN6 8DLY^9VY.!@ ^)?^*

*M"?/I4.@?L8>,OB/\(OC$;CPU*VKO<#5I;=W1+A%\MTD5%+!7549' *G/8$$^ MC?M4?M?W7[:S)\ OV=K*Z\1IKCH-<\2RV\EO;0VJN"P&I0R1[@I>1@,CY%#% MZ^R_CE^QG\'_-*

HS4H=4\<^#K?4-8B01KJEK/+;7)0=%=XF4N . 'SCMBNP^ M$0P(\!&=/\,V4I4S?9$)EG(&%,LK$O(1DX+L<9- $/P ^.#>E_L M_P#P=|+^ -

*(/|U#_@HS^W)XA^&6IZW<;;\(?AJ9#=V-A+M> ^N(W M$,A)Z;VE+H&(.R,-MN&,B1XVD'F*Z,KZ'3(DGTNZM+N_F6:-UC3[0^0NX1Y(3OC/.* /TD_9+OY?C)^QO*

M\/V\;6Z:W_;'AY+348[!?,%Y& T69 WWBZ"2>I8FOS^^-'|,7Q7_P""1CF2#^[,,%>Y5@&;L-- P"""2_QA\0>$ M["T\4_M 26L^FVJ6]AI-FEW>65LB+MCC1GFBV* /X8_P-:/[*

OQF^*_P=_:> MUG|F7XKZC-X@"0S-I]O=7#7+6[QP^>IBE?YG@DARP5OND+@+\PH [CP3_P % MG/A%]G@\7OB?OO$6A>(8X\RZ79VZ7<$Y=4W^89CI4(5GR#N9

NUCD=2";];M[>$MXH((D@@B4)''& MH544# X [4 24444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !17B'I6'I6O@_|9)!)KWB/?J.J7K-%I6AVKA9[Z0#)Y.=D;Y&YR"!D#!) M /P'+_P5L^.^ARVGBK6_@U86WP|NG013/8WT'FJ3G$=ZS&)F*G@^61T./4 ^ M|OV\?*

*#7B_P 9?LE_$/0_VF3:QXAOK..%+*W_P!;+"9X_/"+_$WE"3"CDI!D MX!\4\??|$U?#OQ4_9'^\ @YH8/#_,2/"^A0QVFL;./M++YMQ:SXY:%IGD/< MH6W+G+*WT_|L^?'_P *?*

M #.P\:^$;EI+*$R36DC$*D3J,FYBVL&BVGD;5!*%=H!^R_3@<'EKYV_8=^&_P 5 M_A[\))Y?C#XNOO$GBO7+UM4:QO9?..E+(3)/K\Q1?D0DA1U)^B: "BBB@ MHHHH **** "BBB@ HHHH **^% |@IW^UAX_^!&E^#?!7PXM9K3Q'XR>5(M: MBC666,1O&GD6Z$$&5VE0;B/E!&!E@5VOV ?V_M/_&F='3PAXO>'2/BEIT1$ MT!*

*CCU5$'S3OKVD&,O&,G++|N0H GQ"^!'BSXC?|%+O WC+6-#DE^'?APGO) M):7Q >VDN@TR^6_IV3?,\("?XN?JY39(TFC:.15=&!5E89!!Z@B@#YU M_8O_*

&T/#'[77@7[3;>5I'C/3HU&L:"7RT1Z>=%GEX6/0[5)VMS@M|^4AD MA13(5#XY_,C/IP/RK\IOVS/V-?%)OCP?M/!_L_/-I>FV$K7>J:/9+D::# MS(Z1]'M&&=|9X0$_P?*

ZN;P_^U'\=?^"C7C3PKX5^&0N_A/X=T46]]XH\1:?, MQ"S@Y.'&"R$@^7;DG>\7>(+C[+HVBV6) MPH'Y\IO!8| %]O)Z5^*

*% SGW- 'Y]_LN_P#!/K1_%?[#2^!OBCH$^B^*-8U.\UB>'O$.F>+-#L-9T6_M]4TF_A6XM;RUD$D4T;#*LK#@@B MKT4*01A(T6-!T51@#|*_&GX/-)D\6^"IXYKO2(XYC'*

M$[/ESVLC [8W; DC(RD)..-P._I_ 8 TWX[>-+SQ1\7OB]XAN[73/%T:-H_@ MV12(;2($&.=(V/[A=GR]H^9PV]\G;2 ?9=%%% !1110 4444 %%%% !1110 M445\)?_MC?

*MT7/P;\46/PM^&&@-XY^,6KJH@TZ.-I8: ,]T]IO66 RF MQ(7(W=-Q4'!89^9?%'[7'[9W])GB+1O$GQJT*WUCP5]4XC>S6VL1^A(+&%+BT M&8Y0 2HD+ [3PP'*

*(_4OP3XPTSX@^#=#\4:-*9](U]QAU"TD88+12H'0D=CAA MD=C0!\"_|%!O^"?-YXGU*;XS]B&;2_']A(+_4-+TPF*2^=#N^U6VW!6Y!&2 M!_K,9'S_ '^V_P""?/| P4&L_P!HO38?*

*OCJ:'2_BC81E06 BCUA$'S21KP% MF !+QCT+*;;E3[?K\ZO^"@W_ 3YO/$^I3?&?X,0S:7X_L)!?ZAI>F$Q27SH M=WVJVVX*W((R0/\ 68R/G^^ ?HD\22,A=%8H=REAG:*

*<$9'H<$_G3Z_'W0_|M@H!\>/VLO ?AWX+> M&DT_XF:@6MM;\66\AT[2M/MY+J[N/A MML<,2*6=V/8 G|*_-/7/VY/VE?VI/%&K+^S+X#,/@S29C#_ &U?V\'FW; 9*

MRSW+K"A(P1$N7 ()/(/T]KX,_99_9'OO%'C+|RO}2C5X1#Q>-O$$EE!:WJ Y22T62282P.#G;^]AV2"&4X[I^%W_!4;XE?!GX@1^]_VF?!@V\@1OO!EE?!\(' W M8))X .&(^)(?*

^"MGQO| !>L:=K/C_P"#EKI_@?4)%\DK87ME-)&<\Q7$S-'(MV 3]W!QVZ@^ ^Q_|@I5X%|<_$S]E76?#@+11]>U&_U"R%W96I_>M;))"57 M^+$B19 [9/:N*

*_;J_P"":'A!XO?!;PU9>$4M=(^(?A'1K?3;"_ V1:E%!$J" M"X/J=N5D/*D\Y!./K'X,_%[PS|=OASH_C7PE>_;=%U.+>FX 2PN.'BD4$[71 MLJ1GMP2""'>TH _-7]@?]O?*

*5I%\1I\"/CNIQI'BW390I.TS)6RDDDBG:MI=, M?^6G0)(>'& 3G!?J)VDFC*2(LB'JK#(-?(?I^ D?M4^''\0>'TMI(^)V MFPXM+YL)'L:C(MYS_Z!)U4\'Y>GQ:\/?^"CGQQ|*

_#R_P#@;>>%;[6?C+;W M:Z'H^HW2&2[@SE"LT1!\Z9. C'A@0S[MOS@'(T5XI^Q_P##/X@_"GX(:7HW MQ.\777C'Q=+-)>7-Q=SFX:S$F"+43,2TH0Y.XGJQ^ .%KVN@ HHHH*

**** " MBBB@ HHHH **** "BOSQ_P""G'[8GQ-^#WC#PO\ #3X807&EZMJMB-8FUFW@ M6>>9%DD46\"$$9'DLS\$D,H& 3GU[]A'|N[0_P!K+PJ-,U,V^C_$C380=1TI*

*M3M2Z08!N;<$Y*$XW+R4)P<@JQ .;TW]GWQ+XT_X*6>, 'OC+PX)_FG>%(|# M0K]XC66VNO.A6&6,YR"?GO0R$9PZ|88$_+WI3G|,?CC_ (0[?%2+XY? V6<^ M"/-Q?*

*Z8=TJ6"NPW6\ZYS):N.?LH_M7>$?VL?AW'X@\/2"SU:V"Q:OH> 9-0^$WPL\)3V]YK-]!,7:\N@H:2W09)@%D 4GC=S\N>,XKXA_9J^'/QO_ &U/'VB_'GXB>,=7\!^#+*_%*

*MYX:\+Z'*8A-&C==I^41-@]SNK/*-P^5"IK])* /@CX<_\$Z?#WQ$_8/\% ? M&6FOX>\5&|1QGRQT901X+^RS^U-XU_8%^ M*$OP(^,\4T?@I)<:?]C%I4TY78I)X7QF2T&_M:?*

*LE^$O MVM/AX^A:ZBV&N6@:31]>BC#36,Q'X;XVP \9." ",,%8 'M=E>>VV]6,%W:3Q M7=G<1K+#/"X>.5&&596'!4@@@C@@U)%$D.:1QHL<: *]*,!0.@]* &?X5_M MA?*

%O_@G'> ^)O@U\0_#C^)8[!Y/#L4L[>7#(Q/E20R8S):..IXPGCO[3PS>=-)CPW(4_P"I+@J/)7 4(N[Y MB0H!]74444 %%%% !1110 4444 %%%% !117Q1^UI^W5X@\)_$2/X,_SPY_*

MPG'Q8G %RXC\VVTS(SM(R T@4AB6(2,$;B>5 !JK\U)9_M7_ SQ?\9OVR?V=; MDZ++>?#KPI-Q!!H _-?IO/I@S6O!_B=OCW\!%N-'\3:,,=2U/1]

*M)&V3>,EKNU4=6Z^9%C#@D@$EE;WK)G\O/1?VKO#"Z-K+6^C_$O380U!JG: M'>H, W-N#U7^\G5">XO^N*_S]O3]@W6?!WB9_CY\)1<:-XETR8ZEJED:4-*

MK[QDM=VRC^+&?,BQAP20#EE8 _3!H4DD1V16=,E6(R5R,"I3Z_(]3?VV/CO M^WKI_A/X4_#/3Y/!6OM&LWBOQ9IMP\21HCX\U'7YK>,X#%02[,0BG&=WZN^% M]+O-

$\,Z1IVHZG)K>H6=G#;W.IS1K&]W*B!7F95X4N06(' S0!J4444 %%%% M !1110 4444 %%%% !1110 4444 %?FM_P %6O$U[_ CG^S9\0;RRFOO#'A MW5WO)4C!

*(]V*YM9F3T#LD?RY/.P_W37Z4UQ'QD^'#'A'X^>]WP?XUTI=5T6Z M(DV[BDD,]YV2QN.4='_ (<_\)K\)2-"N]+>W\^& MUL[Q)+Z#/%<6L:A=>(_%MM M!()(=)UB[A^RG!R/,$42-*

*)@XXR%/0@@U!OV-C:;99P6=G;Q6EI;QK%#;P($C MC11A551P !TH GHHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BO%OVI_VH/#_ .R?\)JKQ;K,?]H:A,_V72M)1ICWMR02%SSM10"S-@X M]D@'QG]B?3/VEO'GBB?XK_%WQ7'TAC6[5OL/@-;0*

)&WS12A<_Z/@'C<7D< M'Y\<&@#SWQ5\ ?$/[0W_ 5$O+WX@^'[J7X<>#='M[W25NXBUE>A50QH#]U\ MW$DSLO<0[6&.#]]>/">C^-O#.H^'==TVWU31-*

*0MVM;]QN$S'+$PP5(_PY' M%:|% 'Y<_P#!.FQVO^Z+49^/I2%&/RC7]JF ;H ;NL P!FZS@\&^+ M>/Q-\6]8"1M_IVB@ HHHH **** "BBB@ HHHH ***Y'XM?*

%/P_\%/AUKOC;Q3=_8]$TBW, M\S*,NYR D:#N[L551W+#I0!UZ?)?_!4^QU&^_8E\<_V?YI$,UA-/C#PGI?CSPGKAO6[9;S1]7LY;&\MV./,BD0HXSV MX)Y[4 >!?L1_$CPG;?I-

_#_Q$-0MM.T+0] \O4[B1L+;26P9;EG[@IE=O4A@ M1U%?*6O_ +8G[5/[6&N:M=_LT^$9-%\|Z7,\,6L75O9^?>%?[SWA\K<>#Y<8 M++N&YCU'R?\ M"'>$_BC^Q5)XS^!%Y]\T?

*PQ\8W<-[;:E)&S1W%O'*I$[%?NR M8"+-&!D[%X(VD_MG\ ]#\%^&_@UX0TWX=SVEWX,M]/C73;IR8,D\>.9"1U=F MW,O/.XMGG- 'Q+^R+_P48\8S?*

%H?!K]H72%T#QA+V%F3<$#9#<1?= M!D.-DB85BRC&&K]"M>N;^ST4/C2K./4=4BMI)+2SEF\E)Y@I*1E\'8&; W M8.,YK\U?^"V'@W0K?PO\-&5NB6WC,:E)IL<|&%FGM?*

*+,O)!W'RY NWT,S=, M_I%X1DU&3PGHKZPI35FLH#>*0 1-Y:^8,/]K- 'P/\ LX_L:^_ CE\8+OXY M_M.VOFZO%<%=$\&S[6M[548["\8+*

(D.=D>3N.7)/C#XF"BTMUC\U=/C_|%$OCQ_PM>|M="'6:IJ5Y;Z5] M6K$0PQXNF)A61_N>9$(=A) 94QD[@#]S2LA_#OXQ_#WX>7.7QD|=1^-/$5_<

M?:TB2(^^S@P^:'SACS1G!P%"HR%AIEKJ,,UR66\A=I BL6"JB/EL8[=Z\6^$O_!6CX9_!7X+_#[P1:^% MO$WB]T/1+.QOKI5@MX?.2%1)Y>YRS*&!)5T'QU\2>"= \&?!73%' "37*

M4ECX>OI5 MX$TNSNUOX(9"88D:.$O /:.|<"HZ@1GT-?]O0!X/^R'^R'X4_9)^'RZ/HZKJ M/B|57UC7I(P);R4#[H_N1+D[4SQR3EB2?>*** "BBB@ HHHH **** "BBB@ M*

HJGK&L6'AW2;S5-4O(-/TVSA:XN;NZD$<4,:@EG9CP "237Y!_M:?M1?$G M]N2^\6:!\%[#48OA3X)M)-7U34H"T#WX@!<2NW!"_(3%"/F8KO(R,1@'V]_P M5 :5E_8D^()TDN#_

$+KR\IOL_VR'S.G:&,_P"SNJ__,$V]:\ZS^QK\/1 MX8$,<=G;/::C%$ &2^5R9]X_O,S;^>]S_;'_8|CT|OH5UW4[M89O#/B&.Y.YKH!

%D8|2SPO&2W]_>>HKXF^)/&?_!)+|I2Z\.ZXMWXA^#W MB>3SDF1.9X0<+/'V%$#N"R)P&&.@;_3C|H||FGP3^T_X"N/#/C#3U=PK- M8;K"H%WI\I'$D3XXZ#*GY6*

P17YK_L\?%3QS_P $S?VB&^#WQ2NC<_#/6IQ) M;:CDFW@$C%4OH,GY4)&V:/\ AP3R5^;|8/_CK0/B5X5T[Q+X7U:UUO0]0B$ MUM>VC[D=3V]0P/!4X((((!&^-?*

^"PO@;0=>_95_X2+4%BCUS0=5MCIDY $C M>L/(:@#IG5@ZAE(92,@CH:._P 1_LK?%G[L_P#:@U/4_CA: MOX8^$'A&]>+1O#UG=!DU- WRLC=1&!&]2R!3GOFO9:*

*>CZ/8>'=)L]+TNS@T_3;.%;>VM M+6.1Q0QJ %15' %7*** "BBB@ HHHH **** "BBB@ HKP?\ :|_:||*? MLD_#YM8UAEU'Q%>JR:/H_<@66\E ^\?[D2Y&Y\<< 98@'!P?*

O[0OQO^"_[3 MWP]^-7Q$/%.GQZEHFJP-!/"XY&>CH?X74X96'((!KIU8,H(.0 M>012T ?F3_P26U'5?A=\7/CC\#=4NFN8["OFNH%/R])()VM9Y%'I(/LY^BBO MTVK|W/V?

*XQH7. !8CXV6B91+OOI7*KR"7&GS$G\",LN^VC[6X\<^.; M@>)OC#K@:;4-4N)//^P^9R\43G)9V)/F2]6.0/E^]/^'|K7KWP9H5QXILK7*

*M3O$LMC"^IV=C*9((;DH#*B,>]A]P!Y^IZUN4 %%%% !1110 4444 %%%% !1 M110 45^:?[8G[8OBS]H+Q\W[_[.7F:KJ-ZS6VN>([&3:@0<2Q13#A(5Z239 MY^ZN<_-TW_!*

(OX]:SX]!'^*/A/XMNIY/$/@FX'V2.\7A#QOXVU/$F@P2>'ELHB&N+R>W8I!!$N>6,(A))X4$DD 9H]_W_@K' M\.O$GP(U'Q)\0KA="|:Z#"]7NAV]Y?5)#PCV:D_,'/52?W?.X]<,?

L3X0_$_M2OC1\,_#OCC0X:RWTK7+\ZS:NWAU"'RIT4DC#*R"01@@D$&OP^\3?IO_%C MX^>&O%_[2>@_#_3=|.W&I'4K7PU9P:FFMP29)X;=E{EC4]"V0!(2Y5=HQ7Z

ML?L%?M;6G[6'PC:]:1CH7B#0#%8:I:V\#+9%RA;MTV%5SY>=R< Y!5F /* MOVM_@?|\&W]KCX6/PTG#>#O@'I\<-_>ZU:3]ZJV 60KU\Q7W*L;#:NWS#N M^05]B?*

#/X9^&O@]X(TOPCX11TN'1]"TV+RX+>$=>[.[=6=CDLQY)))KJ: *" B MBB@ HHHH **** "BBB@ HHK@OC=|;O"7]/?P\U'QEXRU%;#2K0;4C7#374Q! MV0PID;Y&P<#H "20H)*

*!WM?#7_!8S3K^^_9#CFLS(+>S\1V4|[Y8X\DI-&-W MMYDD7XXKX4^,G[3G[07Q"\2Z'^T[':W_(9)\"Z1K8TOP[;PS%;9 0S/&5X\T M2+$4EE(VLWR#[H5?V U+3?"7[6W|/'V>Y#7/A/QMHL9$LJ*Z,.PDC?: M>1PRK/J2QNT;61D9'N(",D MQ$-YC1X)$D(X#!MW[N?#_3?#FC>|!|L?""6;>%K>RBCTP:>X>W^SA!Y91@2& M4K@YR<]N?$GXA3?"'XT:0GAKXB1/)#;7A@-]MU*O+6TL+ M?ZN;&2N/E<#& <;_ +;^)&|>(=#\ ^(=0\):1#K_ (GM;&;73=+N)O)CN;@* M2D9;L"<=QGID=1^:/ !7+PO8>'_CQ\$/%? A55@^(M_=&,K:X$TQ@GMS:2, < M[@[NH8]0H&?D K]4| /@7]CW]BGQ3X@^(5Q|>_ VB2VL?$>]F^T:9HEYM>/2P M#\DCH,]'48\N,?+& #|_&S|ZHNK **** "BB@ HHHH **** "BBOAW]O#]O M"X^%EY'\)OA-&WB'XO:PRVO^A1^>=*\SA0%&=UPV1M3^'(9NP8 ^XJ_) P#X M)>_%[POX+^.GQHL?BA>6?AOXGZY].\W6L2+#O=9IC=6RR.1M;S65BF? GVCKL MJ_|\$TOBEX[^" [2_C/X ?%&^NFU/4!)]$$-]=&X,>HA|/+L*=2&]>&/$TX476H:%+&@O, &;-T968 8 MW+M)P,DXH |9_P""NGQD^'NN? LVP>&;#Q1H>M^)IM&T\#>'(_#\T7DOID>E0+;LF,;=@7 M'2@# _9V_;6\"_MO>"/^$E\$:A)%$XBO-/O$$=W8RS9"2H"0.CD,I*G[P3@ MX\7 _&]O#? QX^*J>&/AA|*K*/3/"OB;S(O$7BH7 1K6($;H7'WDC9"22N6D^ MYP,A_FW_ (}J^&+3P?] MX?'K1? [R7/PYTVWNK1)A(7B5UOHQ;+NYWX5;E5 M8]55CGU_4Z@#R3|F?]F? PA^RS\.+?PKX5M]\K;9=2U:9 +C49\8,DA'0#D*@ MX4<#DDGUNBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /S0_X*775O=?M MC?LQZ;XG*-X)&HPR3QS<1$O?0K/O[%=BQ9|L^M? >'QR^./A/IG?X10Z1X* MM[@W]I?2F*76KB(Q("V9F5(HV7EL),PP6(!ZAK7_!5#]H6YMSX[T;X(16 MWP]1R5OKS3+Z5(}MQ7)OE*Q9!4C@3 .0<\5|S_LC?M?>$0VOO DNLZ$DFEZW MIY2+5M#N7#2V.8QCBORJ^&_@:#|F__@K_ !^$/ 8-KX9UZWFDN=*@8B."'"6Q> MY:(CH%2:-74=EVB@#EOV[_B?XG^__P#P4BA|7^$-+^W>*)- AM]+ADA:7S)K MBVEM5=(P/WC*6.%Z%E .>17U1^PG^PG=_#+4)?BY\7)6\1?F:Z)O7|_| MLKS.6^8Y#7# X9QPH^5>,EOL#5OA[X8U[Q5I/B74O#VF7_B'2%=-/U6XM$>Y MM%?|PCD(W+GV/&?&?_!/7 M|K4_'GP'8F_\#>+II/4LFR((,E;?<6LA ^.0R^=&^,&!&^$(;VW_@D_\.-* MUSX>>(OC=K-W:^(/B+XQU>|-|?]EDFL4$1MOD=8VD;,I'&4>+C % 'G/P[_X M*Q>/?A_\0+;PW^T5\-&\(6MTV[[:9Z==65Q:(Q^61K:=F,D8S@E2#@9 UU+X$ZE>'O)I[AIMRV^]Y+I;D#Y510V/-4DM'M" MX+$I7?M_?!/PS|9/V8?&[Z[:0+? ^'=*N];TO4V7$EI-|"TIPW4(X38PZ$'. M,JI'G?\ P2,\6ZKXH_8[TVVU,R/'HVKWFFV4DI)+VX*2C!/96F=!V 0#M0!] MBZ/H]AX=TFSTO2[.#3]-LX5M[:TM8Q'%#&H 5%4< 54\/^$=")M]!T3 M1=.T8ZAWAT^TC@^TW#?>FDV ;W.!EFR3CK6O10 4444 %%% !7Y]?|%]+K4H/V; "L=M(R:=-XHA2[5<_.1;7#1@^V5)OZ@>E?H+ M7EG[3OP'T[|l/X(^)? -_*MI)]$(>RO67=]ENHV#PR>N P 8#DJS#O00!?\&^ M+O!7@?X!^'_$=OJ-GI/@'3O#]M=07K'9#%9+ I1N[,\5^?WC3_@ MJ5\9?'VK:IJ7P-^#=QK? @+29C'-K%|H]Y?O*%P27,#*D&5(.PEF .?\(KI=KXNM;6]U&]F$3VUF9/]2S-|KP]SB:-B<'Y ,KM MQ^Y7@'P'H/PQ\'Z3X6\,Z;#I.AZ7 MO:VL"X"]'U)_B8G)+'DDDG)-'Q#|' M? VBOA3_P5%^.'^I_#'XB^'1H'C&WB:[2TCF|92OR ;K&9AE77/S1L#P<'>NI' MC.G?LJ?M@?L3>(KRU^">9MXW\%WLS.MJKP%.1PTUK<,!')Q@O"QSM&6YVU/^ MWA\/I- _9] ;P^"7Q$\#P+IVK>)=4AFO].LAL$T\=S%'(^U>GGQS%& ^|0Y/+ M'/ZNT ?G9\[_V)?BU\8OC/IWQ?| VH|52]N|(=9M'\)QSQR1Q2*0R%UB)BCC M4@-Y:$EV +G (?\ 1.BB@ HHHH **** "BBB@ HHHH **** "OS-_9[O+2Z_ MX+!?&%O%$B2:TNGW,6B^<3D%5M0@3_:%]' X#NK],]_-7_@IM\#_ ;:\-?B1 MX; :A^&7F)K6@F%-:6"+? Y8C!6.Y=1/M=.T8ZAWAT^TC@^TW#?>FDV ;W.!EFR3CK6O10 4444 %%% !7Y]?|%]+K4H/V; "L=M(R:=-XHA2[5<_.1;7#1@^V5)OZ@>E?H+ M7EG[3OP'T[|l/X(^)? -_*MI)]$(>RO67=]ENHV#PR>N P 8#DJS#O00!?\&^ M+O!7@?X!^'_$=OJ-GI/@'3O#]M=07K'9#%9+ I1N[,\5^?WC3_@ MJ5\9?'VK:IJ7P-^#=QK? @+29C'-K%|H]Y?O*%P27,#*D&5(.PEF .?\(KI=KXNM;6]U&]F$3VUF9/]2S-|KP]SB:-B<'Y ,KM MQ^Y7@'P'H/PQ\'Z3X6\,Z;#I.AZ7 MO:VL"X"]'U)_B8G)+'DDDG)-'Q#|' M? VBOA3_P5%^.'^I_#'XB^'1H'C&WB:[2TCF|92OR ;K&9AE77/S1L#P<'>NI' MC.G?LJ?M@?L3>(KRU^">9MXW\%WLS.MJKP%.1PTUK<,!')Q@O"QSM&6YVU/^ MWA\/I-_

**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *AN{RWT^ S7 M4|=M"O!DF<*HSTY-5]<^W_V)[']E>4-4^SR?9/,_U?G;3LW>V[&:_,[1?^"5 M?B?XU3'Q-^T1\?==U{Q)=9D:PT25#%9Y_@265&4#!\D<2*,8!(YH_1N&>,Z MA26&198G&Y9$8.K#U'6I*_%/XQ>!?&Q_!*#X_>$M7\%+K_%GP1KQ:X-E=M-Y;WB0LBW%M<1}=CL%D0K* "-XP 5Y;->UNH|VUAN(6WPS{LB-ZJ1D'\[ ): M*_!W]B?]D&P_;>|>?$@^),"FJ;3=:2T-T;JWC6>2Y>;24,7+G_IF/SK[#TC_ M ((1^"] (U:ROXOB9XC66UG2=3':PHP*L&&&*GC],E 'Z/T4F<*_#MCXNO/"_P0\+-@QV1.V>(NR1,T>0))IC&[@OE8U4X!(PX!^L MMC|EE]>|\V=W!=B,X?R)5?;]<'BK5? D_^TE_P3';]F#X=W_Q5^"_C[Q;ZWX7 MB^W7<-Y/&L[0(099(I84CV["Y1@054\Y&#]H_L!_M+7?[47[/.G>)-8$8\3 M:;)KF>XUCPOHNJW$Z[99; M[3X9GD4#;ABRDD8 '/:@#\G+[5[|_@K-^TQX;>,2?!GPW\-,8DTJ^U; ZM= MPEEDG,=NK>8RSX[N5?+C>#J0>"(QJ]JH55& JC]*_+[_@JG^RGX%^ GMK$P]TKWP\}3Z;=+1OMK52[JWE7'5'A96'Y$U^+?@U!\1S"-L>KV%L9 M9)E'&Y!+5RG/!YC5NN>>GZ4T4 ?E;XU^#?[5G_!0OQ)H>G?$S0+7X3?#;3:A M;I[4CRV9B,,XB9WDEFVE@N\(B(CT).?T&\3 _[U;P=^SW?^"OA+-#X>UG3=M".G>'99\,D$B1;8BQ96!.0.LP/)RO05QFK_L\?M,_\%"_&NA7OQEL+?X7_ YT MF<2KI*H89&!P)#% 6>1I648WS$*N3M'53^JE% &5X5\,:7X)\,Z5X?T2S33] M'TNUBLK.UC5MBAC4(BC/)P .3S7YC^,/V7_CO^Q% ^7+KWQ*_9\T&'QAX,UTR_M&?P^J>-<8$D8,,>2W5D=E1\F.2(D]!ANI#_J;10!^5OQ4USIL?]N#1H_AQ/\ M"U/A=X5NY(VU:^O4EM4E0,& =Y269 RAMD2%B0,Y%?H-^SC\"=&_9N^#OA_P M%HCFXATZ,M[N':Z69@/5B<#G"A5R<5Z910 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !

"BBB@ HHHH **** "BBB@ HHHH **** "BB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#D/C!_R23QM_V {[_T MG>OP^K]P?C!_R23QM_V {[_TG>OP^KZK)?GZH^8SCXX?,****^C/G@HHHH M**** .N^#W_)7/|'_8@#Z"HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#D/C!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ 8#OO_2=Z_#ZOJLE^"?JCYC./CA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ 8,\@E7'K'B]Q/KFK-^T'XNMXM4O){HVK0.X19'9MF?M M!`W8Z#/H*_0&B@#\U#_,_'3>&(Y8|'^_B+24E(:1;'3Q)#0=`L,E.M@'@'Y'('3I7H%?E+\$?\ a@DKX/^*OP3\|^.K#X&@^(M_#FMZWH]OJ$P6*&>**22,%A&((V"\L,%B<'J>_Z+_L^_"N\'^"7P?\.>"=@\2 MW/B>[TF.6-]:O(S'+<[IGD&5+N1M#A1\QX4?2@#T.BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#D/ MC!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ 8#OO_2=Z_#ZOJLE^"?JCYC./-MCA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ 8OP^K]P? C!_R23QM_P!@.^_])WK\/J^JR7X)^J/F,X^.'S"BBBOHSYX**** "BBB@#KO@]_R5SP1_P!ARQ_]*$K]PJ_#WX/?\E<\$?\ 8,O\@E7'K'BIQ/KFK-^T'XNMXM4O){HVK0.X19'9MF?M M!`W8Z#/H*_0&B@#\U#_,_'3>&(Y8|'^_B+24E(:1;'3Q)#0=`L,E.M@'@'Y'('3I7H%?E+\$?\ a@DKX/^*OP3\|^.K#X&@^(M_#FMZWH]OJ$P6*&>**22,%A&((V"\L,%B<'J>_Z+_L^_"N\'^"7P?\.>"=@\2 MW/B>[TF.6-]:O(S'+<[IGD&5+N1M#A1\QX4?2@#T.BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#D/ MC!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ 8#OO_2=Z_#ZOJLE^"?JCYC./-MCA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ 8OP^K]P? C!_R23QM_P!@.^_])WK\/J^JR7X)^J/F,X^.'S"BBBOHSYX**** "BBB@#KO@]_R5SP1_P!ARQ_]*$K]PJ_#WX/?\E<\$?\ 8OP^K]P? C!_R23QM_P!@.^_])WK\/J^JR7X)^J/F,X^.'S"BBBOHSYX**** "BBB@#KO@]_R5SP1_V'+'_P!*$K]PJ_#WX/?\E<\$ M?]ARQ_| WH6MZ1;Q2VPBU6YFAW-<11G,XHK>SG MUG3(+Z>P@N1/JE>1,E.M@'@'Y'('3I7H%?E+\$?\ a@DKX/^*OP3\|^.K#X&@^(M_#FMZWH]OJ$P6*&>**22,%A& (V"\L,%B<'J>_Z+_L^_"N\'^"7P?\.>"=@\2 MW/B>[TF.6-]:O(S'+<[IGD&5+N1M#A1\QX4?2@#T.BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#D/ MC!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ 8#OO_2=Z_#ZOJLE^"?JCYC./-MCA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ 8OP^K]P? C!_R23QM_P!@.^_])WK\/J^JR7X)^J/F,X^.'S"BBBOHSYX**** "BBB@#KO@]_R5SP1_P!ARQ_]*$K]PJ_#WX/?\E<\$?\ 8OP^K]P? C!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ 8#OO_2=Z_#ZOJLE^"?JCYC./CA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ 8,O\@E7'K'BIQ/KFK-^T'XNMXM4O){HVK0.X19'9MF?M M!`W8Z#/H*_0&B@#\U#_,_'3>&(Y8|'^_B+24E(:1;'3Q)#0=`L,E.M@'@'Y'('3I7H%?E+\$?\ a@DKX/^*OP3\|^.K#X&@^(M_#FMZWH]OJ$P6*&>**22,%A&((V"\L,%B<'J>_Z+_L^_"N\'^"7P?\.>"=@\2 MW/B>[TF.6-]:O(S'+<[IGD&5+N1M#A1\QX4?2@#T.BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#D/ MC!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ 8#OO_2=Z_#ZOJLE^"?JCYC./-MCA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ 8OP^K]P? C!_R23QM_P!@.^_])WK\/J^JR7X)^J/F,X^.'S"BBBOHSYX**** "BBB@#KO@]_R5SP1_V'+'_P!*$K]PJ_#WX/?\E<\$ M?]ARQ_| 2A*_<*OE./B9\?2?$5W\5_&,\5Y=6B; MCN%C9H%-S)YBLRLI0GLIR#[8R9]/#_P!H_P#X*9_"[HGWQA/X_M/AM=4\;>+;.0175AH:)Y=K)GF.25B!Y@_NH&(/!VFN(^%?\ P5^^%_C'Q:,^_M'_%_A[6OAW/#V0(9'4GD/)*T@9NI"+ZG/J"\ P56^!FB_$K]E M_7?%9T^$^*/"0COI,_5)?\Q5GB+=2A1V?!XW(#0!]FQR++&KHP=&&593D$ M>HKYI,:E_P""@/PR_95U%-#UE[!Q#XMDB$HT+1T5Y(E891IG9<L8;]:RV,';_M@@US?,!.KXT3>)/\%|#U[79Y+R;PI;WEAUQ\!<-U.9))G53T,:>4B:W0YQT& #U-M3PG_ ,%EOAW=*3?%_@;Q-X-M+A|HU"4)6SAXYHG4,K]PZ@@oUXI^V\|#-%^/!,C+2]-M0T^&YU;3|-N-1T>Z9-9;>]BC,B;&Z@.5V.!U5C7SS_P1F^)E!XL_9VUPK?7-M#7'- B^L,EIN.?*MIT$BH/82B<_|"QVH_0"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#D/ MC!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ 8#OO_2=Z_#ZOJLE^"?JCYC./-MCA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ 8OP^K]P? C!_R23QM_P!@.^_])WK\/J^JR7X)^J/F,X^.'S"BBBOHSYX**** "BBB@#KO@]_R5SP1_V'+'_P!*$K]PJ_#WX/?\E<\$ M?]ARQ_| 2A*_<*OE./B9\?2?$5W\5_&,\5Y=6B; MCN%C9H%-S)YBLRLI0GLIR#[8R9]/#_P!H_P#X*9_"[HGWQA/X_M/AM=4\;>+;.0175AH:)Y=K)GF.25B!Y@_NH&(/!VFN(^%?\ P5^^%_C'Q:,^_M'_%_A[6OAW/#V0(9'4GD/)*T@9NI"+ZG/J"\ P56^!FB_$K]E M_7?%9T^$^*/"0COI,_5)?\Q5GB+=2A1V?!XW(#0!]FQR++&KHP=&&593D$ M>HKYI,:E_P""@/PR_95U%-#UE[!Q#XMDB$HT+1T5Y(E891IG9<L8;]:RV,';_M@@US?,!.KXT3>)/\%|#U[79Y+R;PI;WEAUQ\!<-U.9))G53T,:>4B:W0YQT& #U-M3PG_ ,%EOAW=*3?%_@;Q-X-M+A|HU"4)6SAXYHG4,K]PZ@@oUXI^V\|#-%^/!,C+2]-M0T^&YU;3|-N-1T>Z9-9;>]BC,B;&Z@.5V.!U5C7SS_P1F^)E!XL_9VUPK?7-M#7'- B^L,EIN.?*MIT$BH/82B<_|"QVH_0"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#D/C!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ M8#OO_2=Z_#ZOJLE^"?JCYC./CA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ M8OP^K]P?C!_R23QM_P!@.^_])WK\ M/J^JR7X)^J/F,X^.'S"BBBOHSYX**** "BBB@#KO@]_R5SP1_P!ARQ_]*$K]PJ_#WX/?\E<\$?\ 8"35+*.==.ND,;7"!@WE-QC.54)_=2=.FON?]J;X=R?&C|FOX@^%=-"W=YJNBS?8%C(_M82W"KYL_!]#@#/O0!X]_P $IHXT_8@\$%"""SW.I>ST;[,/Y 5Z?\ MKG'-M(_Q>S_T+-]_Z*:ODK_@CA\=M&N? A3K7PJU74(+'Q-H^J2W=E8W+B.2XMI@N MX(IP69)1)N Y'F+7HG_!5SIH30OAO^S?K/@:/4K>3Q?XL$5G#IT;AIHK7S \MT|KG*H50Q@GJS\9PV #R'|@- ;O3O^""7/QKNH>)FC\136Y$W&EQ@?^/*;ZO\ MX(FOQCIG?QLX(}Y0%4BL,\[1:6V./J6KV7]AOX!W7@W1AK0O!/B,"2RO_$6G M7EOJ$<$BX>%;S>54]>C"}XP5/(8$5\E? \$E/B?;_!7XE?$WX*>-[N#0=;DOED MLX;R01*!W 7AN(06QER!&RCN$8B@#]2?%IQX5UDG@?8IO_1;5^;/_!#>VD7P M_P#%^X(_7'GW%Q*AC#JFOP^KZK)? @GZH^8SCXX?,*****C/G@HHHH ****,N^#W_)7/|'_&'+'_TH M2OW"K\/?@]_R5SP1_P!ARQ_]*$K]PJ^5SKXX>C/IG^"?R"BBBOG#Z$**** M"BBB@#D/C!_R23QM_P!@.^_])WK\/J_<'XP?\DD\;?\ 8#OO_2=Z_#ZOJLE^ M"?JCYC./CA\PHHHKZ,^>"BBB@ HHHH Z[X/?\E<\$?\ 81 MW>J7DU[,D.HV>Q7D/M:M9A<0C7'C^RI*#D2&%5& M]L_.S#/.,U!IT4 %?+G[4'_3K^%O[46MMXBU1;_PUXM:-8Y-8T5T4W(4 M+Y\;J5D(P&&UL #=@ #ZCHH ^#? AI_P1X^$?A'Q%,ZOXGUK7O'6[#*R6&H2 M1PVC[_Y*YX(_P"PY8_^E"5^X5?A[\'O^2N>"/\ L.6/ M_I0E?N%7RN=?'#T9]/D_P3^04445\X?0A1110 4444 -0\ L!WW_L.I?A]7U62_!/U1\QG'QP^84445]&?/!1110 4444 ==\'O^2N>"/\ L.6/_I0E M?N%7X>_!['_DKG@C_ +#EC_Z4)7[A5\KG7QP]&?3Y/\$_D%%%?.'T(4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110!R'Q@_Y M)\XV_P"PY8_^E"5^X5?A[\'O^2N>"/\ L.6/_I0E?N%7X>_!['_DKG@C_ +#EC_Z4)7[A5\KG7QP]&?3Y/\$_D%%%?.'T(4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !

%OPI\#_NH>+_&>K1:/H=B!OFD!9I'/W8XT'+NQZ!GKV!-= MA7Y^?\%(M8TO3OVAOV9D\>A3*QK-Q/J2SG-L;A6@"-..FQ0P//53+QC- &[MX?\ ^"NWPHO/$EE9>*

(O#'C'P;HVHG-CKFKZ>GV>2/Y<2,L;LP7GJ@? P>_'+ M?&/X.?%#X3_';]I'\F7[%X[T/Q=;I+KOAR&=9HKU6)FB 8>8C85P4;>KEL M HS ?8_QV\+?#;Q=\']=C^)=GIMYX%M!)*

*[JZFNP-EO$!$^;$Z_,C@?=9#NSC M'6OS&_83^./C?]E/7O }AXJM+^+X#?$^\G7P[<:@XD?39OM#11N2 F\[*ZX M"E7$B|&! /HSPK\/OCA^VM\2/"FO?&OPE#\,_A9X5NTU2V*

*(B80F;A@.HK[!^.GC/QCX!^&VI:QX#\%MX^)\%MX^)4L+?)*Z=$_$D^'_U^&'_ M>5<@E1@D9Y'4>,?LA_LT^+?!OBSQ1%B?6V[_%_Q-)7CTC1K";6Z(%[JVO64:VS@G*

+F.1R@/'S$%1DY(K@?B-\(OC^%R[\>-?^ M-7[/FEQ?$;P#XX;^T-:|+VLGG%Y'+2&2-4Y=2SL\;Q;BOF,I4KC=[<_M5>"_ MA9XJ^"/B.,XL:?

*9S^$],LI+E[N156>T(7Y6MI/O)*3M50OWB0N"#@_G]_P $ M[OCMX]_9TU[P!\/_(D6EI;_ T^>)4)NO!UY?2>9]BF:4]D0;LDIVY3'!FB< M:!0[9 /=?A_| #?XR_MB?&#PKX\^-WA9?*

*AS\/?!MRNHZ)X$>I>;^U 8*3W-/)*XPO3:%PSDT?V=/#MO\#_ ^"7?Q=^'_ (506W@_7_#L7B*73(%Q%9W(>'&! MG"KF>; &:{G< MG'KF>;_ &:{G<'7PYGU3X>> Y?*

B'X?>=+:,#2X![%BW@CSY M"Q!9%8+E5Y.[JH:8>5_L/FP5'.6 &;X'QS\'?C\ MLG_"Q#\?'?\>=,M_B-\/&\G]HZOX7AE$O[QR9#)&%8%E+2.T;Q;MH#;RZ8O]EED,Y(0QZ))E?W?

M\+2Q-@"0F@#W;X6_"KXP_M4?&CPY\3OCQX=@\"^$O!\GVKPUX'BFWO+?9!%U_M< E^(^BBXN$M8K.2\2WB MM0X(%Q)N(WHK,05#?FR2 "1Y{^QO^5!K/P7C\4>,/B#]Z>*

(OBSXVG6[UR^B M.8;=1DI;1<#Y5SR0 .% &U-2 ?2M%%% !1110 4444 %%%% !1110 5YO|>O MVA/!'[-G@=_%/CG5?[/L2_DV]O"GF7%W+@D1Q1C[S8!ZX ZD@5Z17Y_'K6-

*M'D_X*H?"G3OB0(SX4A\,EO#B5]VZS_M*1Y@)&4_*)"Z*@S_$D^'R: .U^&'_ M-5@^-?C[QA%X>UJVU[X?3W#!;,:[\3VT<5M)5N#Z|=:[>3ZQ*OC MG^P?*

\8_$WBKX)^%V^)_PD\6W/VZX\,VQ:2:SE8Y^54!<8>+$+(@<%,!QE5-?3 MGI>G@OX4ZJ^SKXLUGXI;,:S6FE6$DEA?@"_]ANB,0I;RX)#/(47;RIS\P(S7 MRO\ |$Y_CO

*$#X,^*O"OP+^+UM=0:?XFTB'6/!6H7C%BD3Q>8+7^/N@0>$O# .AN.1/"W@':?YFV:0;7N;E3 MG)Q_>P254[556'RSS*S*70 M'C *CU8=^6_8W_9EU#X!^&]?*

*USQC]R^)/BEXRN_[2\)2ZPK$#t@+^%((^[\B;V MYP,ECP%@' *T11110 4444 %%%% !1110 4444 %>6_M#?M*>\]OV8?!\^(_& M^H2P13R&&RL+.,/S;N^E R4B3(!('4L549&2,C/]5?*

GS\4]>T>'_@K)X(M/B1 MY7]AQ^&%'A(7S9M4OY?$F&^42%TE0'D]EB[A<';?#3_@JK*O%_C*#PQXL MTKQ\|\_1N2!;S>*+9(K9MQ(7?(&/EYP/FXS7E%$\(_CQ^P.\5O$6M_!

*M#PTOQ/\ A#XJNOM[^&8W+2V,K=E"G<" =JR('#(%#C*J; ^C/^"AWA?X6ZI^S M-XLUCXF:=,SKIMG(=(NUPE['?,I$$<$F"P+2,05Y4J"6! ./G'_@G?\ '+XA M?!OQIX?_ &?*

OC%,W$$>MZ-#K'@^ZNV+.L3P^;)D+G^$+4J"X=]U^04P >J? M!%(^%#X_P#0DM/C\+ ^T+HMGH$&BVLMGX6\!1N)HK7S5*RW%PN6!=E.,-R3@D M*$45SG[.BK*

(OVIOVE/A-H3.W&G]0MM3L+?EDLWE!)B!)[(R)SDD0#G@U]M)?M/>.?BSX-\(V$'P?\ D/C+Q+JL[6?VJZO(X;?2LKE9Y48CS%Z[P 0,YR M)?B-XJO#JOB?

7LDBYN26(1"0"43>^"0"2[G R-M% ![]\1110 4444 %%%% !1110 4444 %>2_M%?M1> ?V?7"]OK/C;494EO', M=AI-A&)KV^<8W"",D# R,LQ51D G) /K5?GHNKZ3=?\ !7[5[3XC&

BW\-6\ M7@9;\@PK,T<+DQ[N!(6-[MX^]D#G;D]%^#_ /P4\^#/QI\2'P?K.,J>!=3O MO\'AM_%<$<5O=;QC9YBNRJ6SC#!0<@ DG%>{Z'\[_P!H; ,G5XZU_3?AEX,N M/C#\'-

*.NFN[^3(6>2Y1)&P &V NC@;59MC(ZJK?*V0/=O^"G7@KX6;E^S/XD M\0^/-,MO[>L8##X=U""$=]!O8'R84?&60MDNAR-@9L J&'G/_!//X[_$#P!X MR/I.7QIAN+?Q/:.7%[?*

*AJIO&WR7%H8|YMR^?GV+DJ>2!"*A/IL"@#L?@/\ ? MB%\ &;]HO1K+3[@:=-H_ASP&I$MOIUI.C))),N6!DD1V4Y.2';<%PBK MS_|*

P3,MKCX=_$/]H)Z6EQ)=^%"/"B&TEI,DQ"9KA'C+$]0MO%P.X<[Z'L^M_;]+>?&++PQH.F:-\&O ;^)O$&N-)<]:G7+[JBCM=$XK&)!$8Y@<+>+;FZNM3U) +TW0 MMB$]}>L" ?+0L

%!(RS$#D 9) /LM?GGX8UK26_X*]>,[?XAM#_ &C%H%O; M^"6O2/*3,4+E8<_\M&#W1'N90.2* /0_A7_P4P^$'QD\13>!/%6GZO\ #W6+ M\)?9!8^+/(%A@N?,7'E^:K'86!P!

*($!R,$DXKQGP[\//VD/^">_C+6!$^&/A!O MC!\!8NVNM.T_P TFXT^1S@*YWYT8 *&;.T; !OE8D#V3_@]7X1^&.H?LUZQ MK7C+3O?%4.VU\,7=N*

E\U!Y_=Q(P!+QXW,!9R"JL1A@I')?!$_/CEX_\$^- M;[]FWXTQRP^+!&L$O?#[H#2I9Z?M7>,/ MC9I.DZ5X=^"0@NWUC6->\RVF\37U[";Z&, >.T3. &89VV 9Y."3RQH |NHHHH

*M***** "BBB@ HHHH **** "O$OVEOVOOA[^ROIEA)XNNKN[U?4CC3]!T25"C1ORJ[+N97P%8JQ)^4&O"O >D?M._ \-|/?5!3\#>%? 4WQK^%MU*

MM%C5W6W#B_"G_@H-\$OVJGU/X;ZLNI>$M3UNWETQM\ M31);B]25"C1ORJ[+N97P%8JQ)^4&O"O >D?M._ \-|/?5!3\#>%? 4WQK^%MU

M=R3Z').LYELR[$X8H"T6>KJR[^Q)5AN;/IW_ 5>\ ?#74)@>-%KC3P(]0NKEY%'E$@$R1JFYBK9 . I5F&;W_ 3_ /VB/&UQKWB+X ?& M1)8OB;X-A$EO>7#

[WU&Q!4!FDSB1E#QD..71U\R58D L_ ?)E/Q3\6Q$/C#X MJ?M):?9W7BCQ5LZ'9>%(F#V^B;8_6,8+!96;.0Q*$9EMSL%H?\ !>ZU^0_ MAO\ $SX>W-\VJZ5X)\97NE:,?$?*

%6O5OVM?%WQSCATSP M9\%?!J76H>((GCN/&EY> 1QVVBKG#'83N\IS:=P;!'\U7/-ZSJE7]G/2OV7?@\ MIW@O3KIM3O/->^U35)%VM>WD@'F2X[#"]JCDA47))R2 >OT444

*%%%% !111 M0 4444 %%%% !7A'[3/]97@'JER/3;3Q! .;&M^)}5YT_PWH<(GO;A22H?:6 M5-PQDG)(.T,00/=Z_/C]FG7-(N_^"F/]0%OXJ,3>/%\F'PJ;XY,>GH"72#=*P*

M&:%K9L+5M\[T"X8_M]_!C]]PZQ)+/$-MJ[@M50)FT/Q-&NOO]K65 M#&\]4@->(^ =% ;H_8%OM0\ ^%/ H^.'PSFN99M"%N(7(DLRY M9L-M.Z(9^9T9=A8DHXW-GT+_

*(*Q> ?AWK/PCTV\O-'CG^+6I:C;,;X4DT_$ M=]=3-*@>-B!F2)4)X;@,4 *EJZ#]@'1HJ3QG[&K^)O@+\7Q*GQ0\#H#'>3L7: M4K %560N?]8RIXSYG5TD2N&-'GX&?*

LC^(/B!=^.OB/^T=:V6J^,/'&FG13 MH$#![71-+.'\+>(@L%DW!6W*S%2H(8LSDY?\ P2;U34K?X&^,O!W=-J.G>$/ M%UH.G7FTA'APDA"]OON[X'3S!7I7[6VO?'G5)M/

*?!OPI;PQ<(;5DO?'UY M?HD6CJ6*N%B^-)-!#/C(7Y5)*!_ ^S+.^SHGL;?P>T;P+HLSWGV7=/>ZA(NU MJRZ?!EE(_A\["\X55&3C) /5**** "BBB@ HHHH_;%_ M:?N/V<_">A67AS1QXF^(WBZ]&E>&=$8G;-<$J#))@@E$+Q@@$$EU&5!+#YH\ M3;/^WY\(K!?'K^*O#OQ&2/\ TC4/!EC9QN8X\9*(JPQ_^T9'[J3>2.-^/!GP8^#-*

*W8>*_#X\:WGBH/I.E>$O*:0ZK.P VG)55+(2P^8$K MM^8K4O[(7[9WA'JK?PM/+]J-H?B_35'JK^&[I\S6Y$CS(S@>9$6XW8!\X8 D M9]WU#1-.U>:REOK"U09;*87-*

JIQ"LC02@$"1"I\K88C<,'!-'X\?!/X?>?) M^\>_ +]V $XW>'8M4(;K&G$QU"VDDNW\'3RR.ZJ8R2%;#.2!D /)L8L&5O MV(T?5I+Q!I-EJFFW4-JIU!ES;75NX>..)U#

*(ZL."I4@@CJ#4'B;PQI'C/0; MW1-?TNSUK1[U/*N;"_@6:"9)(((D$<<4:A5 M10,!0!P !VH EHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@*

*HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@#!OOVM_VK/V@OA]^V/XAM?!D8N?"?@'2[?6)_#<*YCU/3I$B^T7,PQN? M:\NTE?\ 5!=P& [*ZV*

*(^+OA+_P4;_9WN8)H!]BWP6/4=+DD"7NDW:C<.1R MKJ>53@]>:V?^"I:^$O"O[)6D?#+2M-MH]:U;4K"P*Z#8Q9D5HI%!,2#H!&3'GU MF4=6KT/_()U?*

&_Q^T!\&M5\6^+O&>E>)=8NI8G?^RM-MA VAQ' 2U<8!88 M!=6,)VL/G;!QL?#?]BO0M_QLU'XK^,?%6M?$[QF9G.DW7B IY6DPDG.D.2 M(&4.0& "C.513DT >[>!=

*(O/#_@GP_I>H3"XOI'3K>VN)E.0\B1*K,/]036Y M110 4444 %%%% !1110 4444 %9GBCQ)I_@WPU]VOZO<"TTK2K2;^O+@@D1P MQ(7D;*

*Y.%4GCTK3KD_BWX#C^*7PL\8>#99S;IK^D7>E_:G]UYT+1A^.N"V< M=\4 ?"WAIOVH/VY-)O?B3X0^(T/P9\!333)X7T;. M/>QQNR>=4@C\X';%/YBJ(Q@L5\T*H*

*M7.V.5,,QW%W]E+]MRQ_8Y\-$_ GX_Z9]7A?5 "G:I:/<0W5\L:O^C<1E MFV2*"K)CH5YOM\+]S_@]MXVU_P <:U8ZCX3^$NB.3<;/X+DNE,=Q=WTC*7OB ZLR M@&,6160!E!P<*H)97(*

.]!?\$![OS+#0?"QS\5^_ AAIUPDUKX,S+;V[*N" MJ.3.ZJHY'R(IP25*$\7/^"L%GH=S\__OPTT6TM6\6:IXAL;;PUHMFF)45$> M(F)%^ZBAUCZ8^< >W:_\$R?BMXA\=_?*

*4_"'BZ623Q1\/\6F\-7$S,'=HH@/ M*RW>XC!YR:ZWX+_ _+$NC_#CXL.E\4/%_BW6?BC\0IVDCLM:U*HTZW; M< D,2_*K;6*EA@8)VJ@)! /HO3X9K>PMHKB7SKA(E623^^P*

!/XFK%%% !11 M10 4444 %%%% !1110 4444 ?EA^U=\$0QY:R>KB0!0,KM10<0<0WP(PI0>@PAQ]PX[3 .@F[\7]8^.WP+U[6O$'O\+,Q5XOO=4N)K MRS6!(Y/#_F#$4,.;I!3"^8A(*]HE\2:W&

*(_LD)X$<$(9A&=IVD@],A0BD@@'TG1140 4444 %%%% !1110 M4444 %Y%=17F?[M2WPGE^.GP&\;^!+>X2TO-:TYX+::0D(LX(>(L1SMWJN<=L]: /C/P5X7_:Z_*

M:X\)Q_%72_BE9"73-20W/AKPG:PL4>V.1&]QC%)^<88,PDR6>886NN.N_B@ M/CUK'_#-7[8V@KX8\"(5T]0EL7G66[MXQMA7"Y*L$,^ M SH[]GG7?^"[\??*

*%_Q'I][X1TAM)&D_#:PN3Y4YF%U;N=I65RR=2,2-@ M_NT8@'I/@'_@EO-'K&BQ?%+XR^)OBCX,T&99=,\(W@EAL5*9V"17GD!4 D;4 M"Y'&=ORU%_P4VBLO%WB;]GWX>^_*

*"6^(%UXOM[K3X85S+;6:@I)*0O*1!O+ M,/'$##$?<,/4/^">OQGUK]HJ;]DK3;G6=1N8?$^E/<>';S5%"M-YL2KY<_SAE:*

*M01R1$E@07!)\SBMW!G?]B[00@EXQU;Q[KWB/5/B5\]3=4W)/XIUX_O8HCQY<, M>2(QM 4G).!@;5^?6@#Z*HHHH **** "BBB@ HHHH **** "BBB@#\F/C)\>/*

*MVC//![8GQ8\6Z'[$NMZ/\-YH%N_!:NXMI-#G7>LPA&YMR)$)]S__**@_'WKYH_:L%_ MX)^_M(6/B_X"^(+:QU?Q/;3S:O*

*#U8'N(CXE5G,YB3A8O_%_0_#D@ETGPWJ*2I9(ZGY&E$D\NY<8R@ S M@*69?E-;IOL/QE^U!^RYX4\F.X\=V?B9=5=;:?)EL]/26%Y)'QR$(A=AG_G MDU>B_L'>/M4^-*

*G]HJWXL=%MO-%O&<-/*S+'#$#@XWR.BYQONR>E>@5X7^<U\#=0 ,>)_9I\8>"M& M=$URXCBN]/$C[$DGAE658R>GSA"F3P"P]Z4 ?+ ^F?"_]M'XY>$[?XHP?%[3_M*

*#JFI0K?:1X(M[8I:Q6[A7C25BK .1SB19#SAF&2%X?_A,I),:0U2/X ?M0 M:\),?C;H\K+H'B2S18EN)&-NH]0)0F0*IV@F.7 V%&V[&K\!/^"IG@0X>_"V MU\(?&33-*

*<*_$'PG:KI=U8KIKN;UH$"*0,/+E8*-ROM7<<@X/'!>*/V7_%_[M9WP[^)_]17BBWOO"/BNY@BQ_(?Z2LK)+:V-FCN@D",XP5;@A_W@^5@" >[M_"G_*

()IR:7XOT'7/BY\6_$7QDMO#LOFZ-H>K^:MC;.'-C,DD\N[A5.P;1D M'%?#ACN?&ND:X=;U#R 6>TTU)8)&\W!X5E@EP#_= M/3=S[7^RK\4M9_:@_8^\. ^()-9N-

"\4;GID'7.L6<4,2P7D3/ <58_9C_8!_ LXW.L^()M9U'QQ\0M>_P"0OXNUMMUC<#(,Q 2Q1,@$ MC_4444 %%%% !1110 4444 %%%% !1110! ^0>H?

*M,_M$?"O\ M:0^+/Q*NKF;Q=X2\'^(3H/B3PI#(PM[33FD?)\-"SY:D(^V89(;[^0_/V!\ M4?@K\)O^"F/PC\,>,_#^NS:;]MJ#_9GB*Q0?:]/DRK26UQ%N&=K8.PL"#AD;*

M#9;GEL8/AC_P5!U?2[R"&?P]\7O!VY[69 T,UY:J59&4C#?N8)"1C!\[ZU\G M_M):GJ/_ 3=_:'UB/X!^*H)++Q+IDUUJG@N6)[M-&.TE)67[H"[C)&6.Y0" M'#(1O /KCX1?

*\$Y;O2_'VB>+OC)\5]<-%YX?(;1=-U<2BTM) 1MD8232F0_M*K8^49'S;"\"N>_.:DLO'?_!27]G7J\/"TD+_'>NMYFM>+M8.Z[O&S MN*KDGRX]WS;=S$G!9FPN #W>BBB@*

*HHHH **** "BBB@ HHHH *\E_:F_;$T MOIF/X+;YXZU&W-]-;A;?3[%)-)O(=;T^U#%31^ UMEBLI;_,+1/M+@>B_# M?_@KQ\/;X:!/B1INN:+\2=*A-M?*

*Z'!H[,NZC&UC&3@1[F"*R%2A)',GQO MXC?LK^/_(F?!/QY^U5XE;\|'_&%;Y/%NCZ;#(R-INEVB#9$X,E9!$GF#C/[MI 0"['U!$?^"=I\'_!"T?QS\5?*

*BAX@^,WB#00+MH)>MM)[ETIQC#]DDLK M,P(\'(;XD!B CCOCO<67Q_X*C? W2O"Q2X\0^%-=NKKQ%=0 G[+:E'>,*5 MATR*3>MRGIZOHCX,^+=7 ;G_9)T+7-)\177@?*

Q!XHT1"=9TR))))+&Z'R3-& MKY!7S$<=0VT\,K88/_9C_9+\)?LQ:1]}TN>\\0^^M8D_6?%.I-YE]?R$[CE MOX4W$G;D\G+%CS0![=1110 4444 %%%% !1110 4444 %%%%

*'XW?"S]L+X_ M?!OXB>+_ (J^.9;OQKX#'B:,PUXMT:!R5T:>(@1M;QGB!1O*H>%D*,KD,4>O MM/XY?LN_#;]O[PMX5^>)W@SQ=-H'B.*%'TCQCHJEWV*Q8131[D;=&Y;'S(Z-D*

M9ZBN3^&/AW3?!\ P4&^_,POUJP@N_"?Q.T&#Q^%[IY&'AN7!\NX7:>@>2Z MJ!DJ[^_.C7XX\2_\$[/C%\0/ OP-\=+J/A75[+!3>Z7)&\V_AJ:1E0.6^ZLR M@J%'P$_8

*D\"_$G3_B+\5/B5K7QD\9:4FS2)=9WBWTWC&] M$DED+..2&R "2VW=AAQGBKY'QI_P5N\!2>%'CN+SPMX4NO\ A*I[<%EC#1W" M112$<;P;B \] R=<8'N7@K3M6^-*

*O(:AV'A#XS752/ M-9H6(*MPR,-RR*<_,&&:V/V9?V5?"'[+OAB]L=!:ZU;7=5E^TZSXCU-A)>ZC M-R=SMV4%F(4=-O)+,2Q /9Z*** "BBB@ HHHH **** "BBB@ KPG]L;]ID;?Q2 B-*

*PO4A&49+"@#RO6@ M3^W'HVCKX][/C1^K^+BHN;CP2+>-;,+R[?2*I^M3_P4NU9=,\4O>?!/ISP@#"]Q8HRF=8G/*Q.RN?+(=O*

A++ZSCR(K>RGDC1+1HV/!B!#$?W'DC;=@$ 'MU_\ L_L'P_#'XA6OQ$^(_Q"USXQ>/K+R=.U'7FD,.G*0<^4DDDC%AN8!BV M!DD*#S7 WCVGCS_@KMH[WX3>.XC\)^#)*

(/%%S;9+,WGJD+L."X\^VIY^4CJ MAQ\(ZHNI_M/?LUZ3>^%/%VI_#B\\6:19ZC\]'^EHLEQ:++&DC1\X/1BI9&5AU M#"!?V;?V8?!OI+_@^;!?"T,!U'7T@N-5UO4\R\U&?*

GYY7]!DX48 R3R2O(! MZY1110 4444 %%%% !1110 4444 %%>(?M":?MF?"C]F.2VM?&_B+RM8N4\V^M1]/A:YO&3/WV1>$4]BY4'!QG!KJ?@7^T%X%_:.\'_P#"2^]:35K!)/(N(F1

*MHH[67&=DL;&!)M4_P"%;:R;C4+'MG(@EDA8.V.B;H?+8CIYH/8U]>_:_XN>&?CE\/-(\9^$K]=0T;4HMZD M*1?*

*X70Y!'MW!!KJ=4TNSUO3;O3M0M8;ZPNXG@N+6X0/'+&P*LC*>"I!((/4& MOS>\6? 'XQ?\$]?'FI>-?@##8W7C[X5ZK+YVK>!Y ||UH?5%7YV -"RH"P D M5@NX@&U^WQ\";O*

9Y\5V7[5'PD'JB^(-'O8V\3Z;!\MOJ,$KJC2L@[N6"2 M#YMXDX92S?>'P]\,:?\ $KP'X=\6Z5O_ +-US3K?4K82##",6-74,/4!L'WK M\!?B+ ^TY1O ^"@?@_P#X5!\-OA7KGA"WUIXX?

$WB3Q 1^RZ, LBLZ*P4!B2O M:?#D J$RZ11[@9L?Q',D>'Y- M'24444 %%%% !1110 4444 %%%% M!1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !7-?$3XD>&?A M+X1O_%'B_6;70='L5W37EV^%]E4=68G@*%])X -=+7Q]^T-\!?_ &D_VP/ M.@>+=*

(NKCX(^&M#EUZ51GI)J.[&;RA;RD=PIC8>]"7'#-0!TOP5_P"'"C7P1 M^.WCI/"&@;]=V6MW#F.RCUBS:V2^;^[$Q)&X]E;:O[U].5^,?\ P5@^$_PR M^'_PO\$>*-$T_1_*

*OC>WUZWMM,O=)M4MG, 5FD9TB7+)%MQC8,%)4X ^_@^F^ M%?\ @K%(]:\>;9XA?! !0CX)Z_\T>&-&-LCSP,0P0G^/RGEVCNP M [UP[I*_[*/B?6O&TGQW^/S1ZW\4]23.FZ-(H-*

KX=MSG9%"D@2 ,:?79D\EV M9]J,_;+^-GQ(^!?PUT[?7AGX :Q_J<^I16MS L4LXMH6S\WE0D2.6;" CA2P M)SP#[3X5U2\USPOH^I:CIDNB;A>6<-Q2TE=

*SPLPX)0DJ2.#B@#R#X M,_L;?#SX!_%KQAX]\&V]H=UXEA6&728[C&GV]]P[^3" -S@'YB=G(3:I(K MW2BB@ HHHH **** "BBB@ HHHH*

*Y7XF_%+PK\& !M?X]9:U:Z#H5F/WEU< MM]YCG"(H^9W.#+5]"NJK\]^+_P#UO]!+]M;0[/O[HMU<:]?P;H^ZH8VLBD MV.JZI++^M*RXX8]HY1NT8XVRMD [7X%?\%!/@O^T-*

XQ;PKX8\07%OK[[C:V>K M6K6K7H7)/DD\,< MMR&QD[>#CZ/K\T?^"HGPW^&'PCF^#WC30+?2_ /C2'Q/ M;QK)V?Q)X9T? MQ]J=T#:I817)B/JF]3M_"O'?VHOVN?"?*

[^A6.D1V$^N^.-3@$?AWPCI5LS M2739\N/IJX2,-@^TB.#5(H=\7VF-'GLS(H\R, M.,X/ #;3@[>]'SS^P%\ _$/P1^$&I7WC58X_'2C+5IO$>LPQ@?Z*\P&V D' M!*@%CC@-(P!*

(&3I-444 %%%% !1110 4444 %%%% !7)?%CX1>'2@#L!+;\ M>!PV.Z1#YUQ[IG8E@[(B]W=V55'#UC M\ZYU+1YQ:IC.,E%\R#C_ *ZI'0!SWI^OI8'@:;K;PM=ZVE6DFL-4L)-*

E_H>H M%1=VP).R0A20R,!PRY&<@X(Q7N=?D'X ^!?BG6O@!\-_VG/V?9FT_P")FB6! MLO$?A^U7;OE8PR/YXO>21(E=X_^6@8,N)!\WUA*_^"I7P[\>"O"-5JG]*

*MH6'C;6=3AT6X*V%LUUWP%US]H/GG M4-%**C>,-)OK?6]%5Y%CW7,+$%0[<*QC>0*3@;B,D#)'*?LD_LCZSX4\2WG MQD^,UZOBCXUZX-[R2%9(-#B88%O;@?*

&"G:67@#Y$XW,_3?M??M&_$+]G^Z\ M!CP1\+KWXB6VMZB;;4)+,2.T"@IMB58P<22!GVNWRCRSD'/'T;&Q>-6-&6 M)1L97V."1^5 'DOPT_96^&_PA^*GBOX@^%-*

#_LGO!XEC$5Z(92+=%W!W\](? M*FIU5F[OQC)+]\.? ?X:ZWXX\5 MW++VVBZ5$'D\E-LKJ[F6.)%[N[LJC)>/ R=/QDC2@#-_92_;I\%?M;>'YM0\-.^GZM9-Y>I.#>.IN M,/DG:QQ]Y&

R"]Y!P00/<:_(OPC\$?%5U\#?AO^U/\ L\NUF\0-.TP6WBCP MY;+NCU(MM3BT:,PO86K7-Q9W#$!I6Z9M\[,,.L0?NY5@H!]2>)?AKX0\9ZA:7WB#PKHF MNWUIS;W.I:=#

<20_[C.I]3T]:\)_:V_;+TGX!11^"?"]C<>*_C!K4"IH7AG M3[9Y6#296.:7 QL!4G8/F;;C@983_M;_ +17Q^"!/B+X=6W@;X77/C_3-=U$ MVNI7%N'9H>5"0ILXC=PS,))/D*

*0CU*_0\FCV$NJ1:D]E;OJ,,;0QWC1*9DC8 M@L@&0[(!(QO0!X9^PU^SO=_LR_L]Z1X6U:2*;Q'>3RZMK#0X**[FVY0$?> MV(D:,NY3D<$"O?Z** "BBB@ KSGX^?'SPC^S?\,;_P 8 M^;,;_.RV\R6]K'@W%I.02L$*D_;YP?8 $%@ D>C5^47Q7\0\9?%(+,_M4V MTH\!PR2?\(/SG0XD.B^1+.*/F'3S2>DFW>/* P ?HM^SS\5M2^-WP?\ #OC7*

M5?"=YX+N]6A:8.3:?2"1U3<0D@;"DJZ@.N54X8<8P3Z/7RS^TG^WQX<^"/BBV M\#$O#6I?%;XDW$.RCPUX=#.8$9=RF5T1R"000BJS8O\(@J3SOI-'_!1K3/C M\!2F^&GQ*

*\$:E)_B$OVVNFZL[E+IMN[R_WD<;02$9*HRX8#AB2!0!TWI?\ M\" &/Q>^&_AC6_AO#'\0 !&OV_B#2(I'1#,8\!HU9R%SGRWPQ /E8[U)^R) M^Q>^?2@T=3\>?*

$'4!XS^,OB8&76M=N3Y@MP^,VUOD<(, $@#=M "A5%_]HS]H M[$XA_"'XS?"_PKX7^%U[S\. >)KH0:C[]F'8V^9-I1=HVQLBGS2TI"E01D89E M^CZ-/)_@\U^R[\.?

@#XF\7Z[X(T;:->>)TGO8TD)AC"Y(CACZ11N9VVCNV/N MA0/6*** "BBB@ HHHH **** "BBB@ KR_P#;*_:*\(?LR?#B\]7^+[S9$N8K M+3X2#*

<7!^,K#$IZDIST49)X%>H5^4OC36DT+_@^<_M5V\C^&PCF0]<%0\ MB0VZ>:/(>12.>,;R3\LN"XV;2H\'^C/P#^)6K_>&_&&N>$[OP1J6K6YG?

*M1;V4220KN(1MVY.'4*XW*IPPR*!]KY0_:._ ;TCX3>,HOA]\/_"FH?%WXER+ MNET+02S)9*0"#-(B.=W*G8JG Y8ID9QOV8?^'BEE\8?B/)\,OB'X+U#X5?$;*

*MD6VFZD7\N\(7=L'F(CQR%3UOQ_:&^)?PO_: ^%W@[PS\+[CQ7X0\ M2S++#J6O0B1C;LTA5E4K\D1B0"4F3AE) V[2P^A%T>P357U-;*W74GA%NUX(E*

M\YHP2P0OC)4$DXSC)H N_9.^!H_9Q_9^\(> D)HKF.TZW-2_N(1\BOV[2S M$$\E0SE5)YJ03H7KM%% !1110 4444 %%%% !1110 5X_+ M. M>&_ V7O M,?

*B#6X+C5M3OIQ9:/H-A@W6I73#Y8T'.%'&YL'&1P6*J?8*^#/CAJ%O;_P#! M5KX(Q>*0C:#_ ,(U/_8AN$S"NHNUT.IX\S*Q8]"8N^#0!]7_ %\9>./'OPU ML-.^(7@M/*

*7B,X=RVC+>"]Y*19S&S$#Y&*GE#R",<9P/1*^2?VA_VRO%FB_$R M;X2_ GP*/B7\3+6%;C4FN'V;,I*_JLS[T!<@KP70#@(E-IXF@#L+=F=E=@5\14A&QWWG)#<8XW M?1]*

*'EGP'_9G\ ?!VV?B&U\!Z3)I4&N7QOF[D)VE ;D)&FX_+&@)"CWY)KU-.MBB@ HHHH ****"BBB@ HHHH \7_;C_ &H-"_ 9B\&V6HWFGW?B7@)Q%K&R+#0 MO#6G<$HTR3PC)%X*

*M=:9/W*WC&WW8):./,.&>N3&.X- 'UK\#?$_CGQA\-],U;XB^%+?P7XIN"[3: M/;7@N5B3=^}8?=8KC*Y.#^O[ZOC[X^?MB>/6^+5U\)/V?/ |M\0^.EQK+K MFH:BY73-*

*(C=_,C!DQRH<9"+EW&Y@&*NCLCE64;6 # 'UC=_#/P?]'B;/Q'=>%-#N?$,9! M35IM.A>]7'3$!7>,?6ODK]M+|HH^-SK7[_PFT^?Q=\3?$D+:.1]ABA<6FBVD*

MJA9Y)Y,8SY;XXR%#$DY 5O2?B'^T1\)2?"/I7/@GX:Z=\+G5_ ,N6F^Y\3Q* MY\I\MO<./W:)$ NY'^9MP]5#?0T&DV-KJ%U?PV5O#?7O5;BZCB599@HPH=@ M,L _F>E_"?*

CX4VOP/^#0A#P'9SBZCT+3X[1D]L$\H&99-0;%_M9_M9^&?V5?'JZCJ*G5_%&I$P:'XJ;UH?#O7-0\,,.OB'7[6REFL-;<0*[G5" M4B\P\+N.!D^M?)[*!)/B?6/'LOQL_:*

==8^*>H$2:7HLF&MO#T/.Q43)42 M`@#.S).2Y+_ZG]@7]K37OVE?"WBS2O'6F0:%\1?"6I-9:KI\,+0 (Q8(QB M1\]U?=D^7EFPI)ZDDEB2:6J_M&_$/3OVSM.^$Z:"V\N/-5WI_V

MC_A+XPY0-Y7F&4MCRUC5P82C'>6((/]WT?0!YK_V>?!7[-7@VX\,>!K"-MQTNXO9;^7[3<-/(\KX'+-V551 /1!G)R3Z5110 4444 %%%% !1110 4444 M%>!?M.]9/V?P_P"%[7+3WLQ.U695RPC#*$ D#+'Y5 MR3QZS\2-7!\0Z!X!U_4:"6B1^(_$MK9R2Z=L;UP($NI@N50N>!D_3/3(SD?:/ M[)/[(NO:9XNNOC?!<;E?$7QDU@;X;>0A[?0(2,+#"*

2H<=I*!*,JI.69@#< M_8%_:LUS]I3P/XFL/&]A!['Q$\(ZFVG;Q901&$8);RW,9)*-N26-ESUB)[X' MU-7YT>+I(^&2]^^"HVC;X#]D\%?&*T^QW/;)+\L]$_P"]VZP.6/073U^B] '- M1?#/P?#XH?O+'X4T./Q&YRVL+IT(NV//)FV!$U/?O7Q3'>KG]IC4+[IF; MX+6[>(?$>HW8M%>M- PL=$MHI1YH>0CEMZ@,1D#!5=SL-/;'.:*^)D/[:B?*

M"B3X6W!^'DNG?:HO%T>\CB'>9F?_%8029@\O[^XAL\A3]#V>CV&GW5Y=6ME M/%US>,)++F:&)4>=@-H9R!EB ,GM0!D_#KP38_#7P!X,\):9DZ?H>G6^FP,0 M

62-4#'W.W)]R:Z*BB@ HHHH **** "BBB@ HHHH *BN!9(,6;2*(SRHC,L M0."Y X7/;-2T4 ?G/_P3+D\ 2%?2 'OQ,\=W.E:W\8M5UN==6;7/+,]C;E5\ MJ.&.3_5Q$;ERH_@V=$*

'%_#'!H;X(_LA_MH?M"W";];Z7X(OX3/T.W>Z MAGNS&))Q"(0454=YAR5"[MHZ8GZ<'+<G_3)^:?Q>|=WOC#\%. M^/:1;T0W(TU[.1W5U1+?

DVXD<%U4+M;&>2V3F@#ZF_9]_:V^&'[3MO?MX"\0_;/ MRP ;[TZZ@>WNH5/1S&X&Y'_ ?X;O/^"L=c=_"6UM;'M2_#_(=G/C86;V9E\49)&Y'Q^B% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !17R%^S'\3O%7QI_;!^/> MMPZW=2?*

#/PX;;POI^F&3=;27D+'S9XQT#!EER5QN6=,[MH(^O: /"_$G[(@ M[QW^T(GQ7\7W%[XLNK*TBMM(T#52LFFZ6Z_>FBBQRS$!OFR Q)Y.W9XS_P % M:M6\(O\ LQ2>'-5AAO\QMK&HVQ3>RCC\kR\-R)X_-><)0"P'E>8A,,$R*O5A M7?V3XCTVZUCP_J5A8ZG/A,M8'T?X,_O>6I+IVD62X &#+<2D' M9#$F?GD;' ^I) !

(^<_V/]9^-/0\^(6H_&WQKJ%YX-^'6H6;6GAGP$IRDUN6 M#+=S C[W&0^ S[CC;&%# 'V)117Q!X@^\+7Q+_:^^/&_"W]IR7]B,;XV?!/3-!NO$W

MC>'QHX\$>'X8783QWB[HBVWI&BK$Y4'&(C:C$!W$@RJD.=A!0%_TC;X,^\&^^0^)!\, MZ>?'(L_L ULQ_OQ#Z>F[']RL\;MORYV\5VE &=X;N-3NO#VESZU:06&LR6L3W

MMI;3&:*&#<7LY!*P0J3\SG!|@ 22 "1X7^O;]'Q MO^+WBC7_(R?$G49O#7@_P 06]P>'/ (7,<%N'#1W39 *L5R V TF\L0JB,A M ?75>7_M%?I Z^5/VF_AQ>>$/%@GOB;,MEJ$(

N+"?&%FB8!",XZ,,@\&O4*^ M'_B-J7Q3_;)^.FH?#OPR^O?"_P"$/@K4U3Q#XFC#VE_K%W$P806K=0F0&##(.MP1(VZ /R1J-S&.)0! MA QYR3DFOF[_ (*)Z+!'CKIJ3IFIPIX8"O\

%%=,\;.OQ<\. ^+0$WPYU?2_ GBF/P=XJFB L=:GLTNUA8$$[HW!!W M %6 MF0NI/<]%&2>!7C?I%,?QO^(NO>(OC#\5=6N= M#T7Q-,)%H/P_&?

(L+8,&CNG\W&J^68;KQ1=1G#0;''^HZ@JPP O#YfJ^(B$)BQ@D#DG+$D_,O[=VFZ7X\,;8_9HT M#PDD<_Q)T_5TO]2GM4WO:,,'/#,C3X[ )<.]D]-W0.,_:WQD\+ ^+O&7P[U;2 M?

*WB_P#X0;Q/,JBUUK[%'=B+/##>?M!?&?2_P!GOX,>)_B!K$+W-IHUL)$M8SM:XF=UCAB! M[;I*1<\X!)QQ7B/[?PS^*YOWL?QJ^+7C[6)M:\2V(DL_!%G*8M(TVTEP\2M M %?*

A7K_Q!^'_ ,8)7\%_&C5?$$VI:OJ? MB1HX%U.1\;8Q*<*I4EF5/NMYNY"=Q Z+]N36O#?QS_:_ 9Y\'_#O4+37OB+I M?B)-3N;[1Y$G.F:>C1RNTLBG"XV>8%/]P]-

R[OJKX^_LC?"S[]>&W/COPS%? M:A;+LM]5M9&M[R)ORMN R2 #S2?L^_LB_'[IF.&]/@/PZME?WRA M+K5+N9KB[E0'(3S')VD) [5P"0"02 ?>R4444 %%%% !1110 4444 %%%% M!17BOJ57[57A3]E3X?MKNNM]OUF\W0Z/H-NX%QJ, ^/NCKM0$C<^,*"_K%5/' M_L4^&_C5<;7XD^(^QH\07(U/Q=+%=6/@TC$&AP*#M55.3&[*55&.1M!^'MC/H%X-

*%^(WAB&9YHM.MF39<>*Y<%&>53QY(/KD*1A?GW,@!Y=_P3C_ &D/"'7PO MF\:?#/XL3/X) ^,5[XAN=2U>^\1LD(U6XD(X\XX57!Z(3AM^Y"VX@;7[8FN>'*

M/C_^UU^SM92_^ZL-7U;4!'E25=,T)8)?\5?$SSB.L%)X.!QY@S-M16_'C]DOX5_M*0P'QYX5@U*_MTV6^J6\ICVI$Y%^S<[1+&067K\949)QDU+!__MV5?

AC^S/[IU!X[\-1:9I3RO<7=P!C ;5R2%R=BX7/,,T >MT444 % M%% !1110 4444 %%%% !3?.7S"FX;P,E<\X!?TKPWIK/IK/PS^OYWL?QJ^+7C[6)M:\2V(DL_!%G*8M(TVTEP\2M M %?

*

N!8;76=:U_RVV^9IND2! M&Y(X,QCR,,Y|QB@#U;]D?]L+PA^U[X-O=6\.P7.DZMI;QQ:IHMZRM+:,X)1E M9>'C;.X5L G8[V61K?5 M/+AGC7RU,"]-ZN9!B1N%Z=<;7_!*/Q5I6N? MH?&N;PO]GX3U6QOM1T^UDC$ M;1V_]HQFW4J"0I6.,& 2!7L/_!;#_DVWP;_V-L/_ *1W5 $7[+/[>WQ UP_" MSX>2?LY^)K31Y(-.T=O%!N9S,I (TC^UE39A=FT,|>9C'\1ZU]B? M!?M#>-#? MV9_AY<^,/&EZ\%DCB&VL[90|S>S$$K%"A(W,0"2 "20!5OJGO_)(%\-/^-MQ9TS_P!)8Z ,G_@JM\2M$?ILWX6;/XRAO-4\!>&|&UU#4]*LU5Y)A+=.UPB* MS*"7BAA7EA]10'Z]' P4S^,^O:3 ,)5X=_9:\17_@?RS.FH&2G$1H2@^:LB M6Q7;@,2P#*/?@U|0_LF_MB>"OVNO'-S]7ASSM,UK3|BZIH5X09U0MG:P8<21 MMM;#CTP0IXKYTA_X+2? RWACBB\)>/HHHU"I&FFV(55 P +S@5\^_L4_%;1 MOB!_P5"U[Q)\-]*U32?!7BJUO9;BRNX4B>(&V6:1I4C=T4&ZC)7YC]!>A.* M/V$K"|>>*H/ O@? Q%XEN@#;Z-IUQJ,NXX&R&)I&Y^>BFMVO#?VY+Z73_V0?BY M+"&+MX=NH3M_NNFQOT8T ?(7_!&+P|/XAL?B[\3]6S=:QK6KQV+7;#DN UQ/-MC_>;>,G_ '16Q_P5\86MY\ ; [4.#PW;^)93]#2?ZL>#(&ME)=Z3.ZS1R M6\GESVTR@A)HFP<.NYNH(0!!!(H ^+_B;\1_&'C/P;X.A:!MM\)3ZD'TZSAC3 M.&C"\Y8#'")M#<*5#<'RC4:L/VD/B;XN_;!^+<$UA*/ 4%!*;=+BZCM;VZ MEDU26TB9@\P*S*"%V-G$?16(!V)^S3\?M% ;9^#NA^/M$MY+&*^#Q7.GS M2!Y+2XC8K)$Q'7D9!P,JRG S@ 'P-^T%.?V?_P#@KK\.O%5J3;6/C.*QCO3T MC;!1OT|P?IY<4A]\&OU*K\JO^"P#?V7|>O@/]D&&NH_,(53\W|NZ@9?U8_K7 MZJT %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M%%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M%%% !1110 4444 %%% !1110!F^)/#IEXL\,ZIH>I1>? IV16LME_$RWOAX+U9D1{RWB+KM5S}FU")?XXRC. MKA?F[8+1!;_:*O/OC'\?A]^T:H,>D>/_"UCXCM(B3\X9)[N(<@_8Y-8D$7!)(RH#\YQ]!L,8KZ@^%GP<\$_!+PV-!\"^&K#PUI> M|>\-E'AI6QC?(YRTC8XW.2<<9H_+SX>^-+;]@G_(*6?$"V\=_\2OP=XT>Z MDM}3VDQ0V\U8X_A1U;%SC@ACT%?HOXU ;Z^#7@/P?/XFU+XE>&9]-2(MRQ#3]4@NIKK'\,$<;%I6/HH/]<#)K3^_P"S?\,/VC-&M]-^(/A>UUZ.U+&U MN'[PW-L3C/ES1LKJ#@97.T[1D'%?/6D_\$C?V>--UP:A+I&N:E;A@PTV[\U>3 M/,,=OD"R$?5Z /"_^"9/A'5_CE^TW\5?VC]3L9-.T:\N;NVTV)P?GGN)0I*I M_B$,*JA]3*/0UE?\%+KB;X+_ +=7P2^+El;22^'(8K(RO&N2S6EZ[SJ/|KRI MHR/K[5^I'AWPH7A'0[+1M$TZUTG2;* (0VUC91+%#"@Z*JJ *YCXQ?\/P7\ M?//D_A;QSH4&N:1(PD19,I)!(.DD4BD-&XR>5(R"0<@D$ X7QM^VW\$_ MD\|3_$/0]3TTP>;;6NEWI=Q>73%++O2Y=%FU_0M3U;^SYL[H%N-2LI54D@9^5QS@9'/>OKGX;_//+ M']G_.&_B*#6AX?O_$MU;R"6"'Q!>FXMXV'3,2Jj.:Z.&%>P^"?V7O /P_| MC=XH^*^C6%U!XQ\26[6M_-)=N\)C9XG8)&3ACZ] MJ,5K/8N\!\V?,90Z9Z2+P1C.#D#X]_P""SW_(_? +_KMJ' HVRKZB^,G_3I-M^!?QK\67'B74M O-"UB[D,UY-H%W]E2Z: /CGQ%X MRM/VZ_\@]X&F\%R#4/!_@X*GH:!+_P""MS7PPUJ^\(_#SXGZ-!YL/A.\FM\0=02T2SM"T$I_V!)$5/O*M?:7P'_9G^'/[M->@W&E^./#L.D"Z*M=WDCM-=71'3S)7)8@9.%&%&3@#)KT36M%T_Q)IY%I6K M6-OJ>F7L307-G=Q++%-&PPR.C AE(."#0!XC\#?VU_A\:?AUIGB./QMH.BW MfVRR:CI&IZE#;7-C* /,5TD8'8&SA_NL!D&O@SJO+XFZ=^WA^T1\,O@K*,^ M+0!9Z?=2F^URR_>VHDP*"617'#QPQ1LQ=>&+'$ G'/U+XL_X)+_L[^)M0;[MM M!U? P!OD\QX=)U601'U4++YFU2>RXQVP,*|S^ O|+OPT_9TI]Y\ /A]'2I;O M'VO4)9&GN[G'0/*Y+;>^P84') R30!X1_P %.M)M!|_8%\8:99]4M+(:,3(] MQR0B7ML]C/T KK/^":;W_ "9+\+?^O*X_]*YZ]@^,OP?\-?'GX69X[>9H9,QR+(A5UY!#(I]#C!JS*?A?H'P7^'NB^"O#$$MMH6D1&&UC MGF:5P"[.Q9CR269C^/&!0!^=G_!<;_D5?A)_U^ZE_P"B[>OTTIG_):5E_UQ M3_T$5Y7^T1^RI\/OV!+'0K3QI87E[%HL\D!|!CO'MR"X4.K;3R#L7W&,"_:M-?&3]DGX<_M'?QIX4\9>+=/O+G7/#3(UC);WLD*8242]'4'# .,ICSC-'I,%U:PWUK-;7,2 M3V\R-')%(H974C!4@]00<8K\E/V5KU_V(O\ @!!XM^$EW(UKX0\63_8K'S&. MS#YGTY_Q, [09_O2-Z5^N%>(?&;IC?X9?'CXB^'?'/BG3+QO$NA")+6\L;V M2W++'98U?;>=KLQ!&#\QYZ8 /BK_@M1]FIKJ/P#KCPMXXT*V\0:),PD^SW&5;.0 @21 MNI#(X#, RD'DCN:^,_!__!*/|GOPAXIAUL^!2U5R9%EBT[6-0-;T5EZ9C 7 M>,\E7++*>A&.*/ÆK_@F'XRLOB)^W!\LY[.TOEAX;5[=YMA/0>;"S*O_7)O M:OI/X:_\$P?@9*_B-I?C/1],UB;4]*NH[VQ@O-3>2"WF0Y1P9B&P<,Q&0 M*^F_%OA#1/'OAV^T'Q'1-GK>BWT?EW-C?0K+%*ONI'8X(/4$ CF@#BO ?[37 MPI^)?AVVUKP]\0/#]Y93H'VR:A'#-%G/RR1.0\;<'Y6 /%6/!OI7PS^(OCR M[\&>%? &VC^)/$9O?W%II-P+E8H4=(V9I4S&"'E9O=V[GIP O"\ M>F:G=0_9[G5+B>2XNHI]P8H7D8[5)5257)4'&10!)7F'I4'A&7QY^SC\3= M MQNNK_PY?Q0+C.9? (GTC*4JP#*1@@1#0!^>G_!%3Q0FH_L[^+] M\)!GTSQ(_| VSFMX=O_(!%)7Z&5^7/[$IF?V3?^"AWQ1^#%Z&LMS\41O<; M(IX258RUQ: 9X.+>2=21_$A'T_3G6M.?6-O[!+VZTU[JWD@6]LF59[T_MV_#.V\,_| !/GQYX0\&::+#3=`TFT%M9VJ$B.U MM[J"63W/[N-RS'D\DGJ:!)_9B_95\'?LJ>$]0T?PN]]J-YJES]KU+6=6D22\ MO),':'954;5RV%QQN8\DDGC^[M(-0M9K6ZACN;;9&CEAF0,DB$8*L#P002"# M0\!?_LS_ !9\'Q_\$V=(U]YU:QATS1O"EQI^HAIE!BGBC>-HF4GAW(&U3RV] M<9W"L3_@CSX;U+0?V0VNK^*6*#5_$-Y?V7F# : 1PPY7V\R&3l:Z:^_X)4_L MZ:AXK.MMX3O(8VE:9]*@U2>.S9BV<; VY5[!58 #C%?5F@2#IOA?1;+2-'L+ M? 2]*L85M{6RM(A"%#&HPJ(H& ,PH _+S_@I"O\ PLO}OSX"> ;;YVC^P&=E M&?+ ^T?YWY''^S"&/L:_5*ORZ_94LO^&KO^"EOQ)^,07[9X3\(,]OIER<&)Y- MGV2UV^S1I/-[':>IK]1: "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@##R;XB?LO?#_P"*Q7\(?$C6M-N!XP\+21O8:A9W;P$K'(9$CD" MG#H&9C@_WF!X)%>LT44 %%%% !5/6=*@UW1[/3;DR+;?D$EO*89&C<*ZE3M9 M2"IP>",15RB@#S/X\?LZ^!OV:/!LWAGP)IDFGZ?<7+7EQ)<3M--/*55=SNW/ M"]H &_;=.3GTRBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M

*!1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %1S3QVL,DTTBQ11J7>1R JJ!DDD| \7D_P =OVGO M!'P!T]CKE]}KUN1-]MHED0|S+Z%ATC3_ &FQT.,GBOS.^/Ol7'CGX^74MM>W M9T7PUNS%H=A(1$1V,K<&5NGWN,]%%>IA,OfXKWMH]_\ (XZV*A1TW9]G_'S_ M (*)>%/ /VG2? D<7C#75RAO=Q&GP-Z[AS-]$(7_ &^U?GK\4/C%XO\ C)KA MU3Q;K=QJDRD^3"QVP6X/\,<8^51TZ#)QR2>;XRBOL,-@J.%7N+7OU/"K8BI6 M^)Z=@HHHKO.4**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M* ;/]D__)-O^'?_ &"(2Y&OQ3Z76S)(FR/H?0^QYKX=K6\-><}*|5\(Z@MY15Y);R_P 2@Y20 M>C+T(H ^VJ*\N^`OQVTOQ1Y5GJNS2M3.%!9OW,I_V6/W3[*\S7J- !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1W%Q%9V\L\\J0P1*7DDD8*J*!DDD| ! MWIM[>V^FV<]W=SQVMK C2RS3,$2-%&2S$\ #))K\QOVROVTKCXK7%UX-\%7 M4EKX,C;9=7BY235&|_ -81V7JW4]@.W"82>+GRQVZOL<]:O&C&{W-O]K{]NRX M\;&^\%_#JZDM/#_S0WVMQDK+?#H4B/58O5NKJ.%SN^*****^]P^'IX;')34\U M4JRK2YI!11728A1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 5=?_P"1# __ ";?\ _^P1# __ "-^M_P"1"P1 #(U\YG?*K^AZN7_'+T/ ?&__ "FO_!80N/_1C5BUM>-_]MD=-?_P"PANV/B32X-0TZX6YM9AE77]01V(]#7P]77?#KXCZA\/ MM4\V F>PE(^T6C'Y7']/1AZ_G0!]A45E>&O$VG^+-)AU'39Q-;R=1_$C=U8= MB*U: "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH *_;/]D_| Y-O^':?\ V"(?Y&OQAX#XW_ .1TU_\["%Q_P"C&K%K:\;_/(Z;_\ ]A"X M_P#1C5BU\>>|\%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% 'HGPA^*,O@74_LEX[2.)A7^LZM=QV.F6,+7%Q<2G"QHH MR3_];O32;=D!P7!0WQUTCIG_ .'=WXAU#;<7\F8-T_=AK]X()^RCJS=@/4 M@'\;/&GC'5_B!XIU+Q%KMX]]VH3&;>=^Y/0 =E X Z5WW!2OO\U/\ M:#^(USK=R9+?!K8M!I6GI>+>#/4CIO? 9CZX'117D)?>9? @UA:=Y?$]_\CYK M%8CVTK+9!1117K'"%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !7[1_LG_P#)M_P[_P"P M1#_(U^+E?M'^R?\ \FW_[.P1# _(U\YG?*K^AZN7_'+T/ ?&_\ R.FO M_P#80N/_ $8U8M;7C?\ Y'37_P#L(7'__*,:L6OCSW@HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** 'ICX'_%#_A*-/71=2ESJ\JGIN1SS<1COI_ J.?6O6*^&-+ MU*YT;4+>^LY6@NK=Q)'(O8BOL'X>^- K;QYX=AU"';'<+ ^[N8 >8Y .1]#U'L M?K0!TU%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1

MH'B"PDTS6+%PEQ:RD%D)4,.02"""""""#@@BH52#DX)JZZ%KE_P 'I';HH5"(TF$, .,9(*L"<>@%/OOV@)K6QEM?#2A^Q\/A_^6D85B/<* M%5<_4&O):* '$327,TDTKM)+(Q=W8Y+$G))/K3***.U\,_$Z;PWX'U?PVE@ MDZ:@92;AI"""F^-4/&.<;<[>]<5110!W.O?$2"?P/[_AC1:.33K)/GO)'<%[F M3@Y..V>?P4=!7$12O#(DD;%)$(964X((Z$4VB@#U/_A>$%\UK>;MX4T_4];M ME"QW!/MY!R"5VG///7@l,5P'B;O)?>+M:N-4U!P!S,1D,*H_P% ["LNB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "O9OV8[#R_6$L6>?\ M6VJRX_W' _+9Z)9KTC]GV^^R_$FUCSC[3!+%[<+O _+ 9* /JBBBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "OSE_X* MF;CYGC?P)89_U.G7$^._WY57_P!U^C5?E]_P4WU'[5\?-'M@?EM?#\"D9_B M:>=C^A6O9RE7Q2?9.X,<[46?(M%%%?=!S84444 %%%% 'W;_ ,$K?^1@(G_ M%ZV7_H70_WRO_VI^1V5/X%/YE>O:OAC^QW\5?BDH6KZ/X<^S:3,N^&\U*= M;9)AV*!CN8'LP&T^M4/V4?AK9?%GX^>%/#Vj(9=*>9[J[C X>,&-I=A]F**A M]F->P_MS?M)^*!0^+F]^#-_UJ^T+PYH.VS:WTZ=H/M,NT&1!"A!8 G:%)P N M<9)K2M6]>U5"C;!KMOHB:=.'(ZE3;8\G^*G[(OQ0^#^D/]^O>'C+H|>/-O\ M3YEN8H?>3:=R#!\S #)S7D5C8W.IWD%G9V\MW=W#K%#! A>21R_#/Q3J%QXB\/ZM83M;PZE(9S"ZKET!8D^6\>_*\C{! M &6S\Y>.(KS]G?\ ;)UM/#D@AN/#>LRG3GN$$F$#$Q;@?O?(12HUJO/*C42YMDKJVS0YTX5G0:E=9 ;GQ_ | C5=# M7;<.^,?$:RN=EW817/V9#U(3RP(T'LN!7U5)4\.\5^)/^"=]W-\]!*\B\6Z+/ M"Z2;K$5N<+>)&CMNYW&*0KNZGJ*151@$>3EP""\-R@C((SFO8?^"7O_);? M$O\ V+TG_I3;UP'[1OI4?CKQ5\2-4T[2=9O?"?A_1+]2PT_2[%N7MHXTB;_%CX%^-_@CJ%M;>,_#DTS M[4"UO<++(DT$P'7;(A*Y'=201D$CD5@>"/GB#XD>(K;0O#.E7&L;K[M&&4H3W)))/KEO^"9^1.9_.?O%T>*\AT_QAJ.GQ#2KB4 ML42^9L!'.UFA8KW M"YQ\]/KE2.'J5)+WH.WEZ^FI7L(NK&*>DE<\UU+_@GW\:-TJ2]&@\=VZ/+N M-I;:A$TV,^ 2 3[DGMFOG2YMY;.XE@GC:&>)RDD;C#*P.'",.Q!KV[Q]H?QUM_9Y\7RZMK5]XDTN]_(UR*\EFMKHYX/G9*N#_=?G!Y7M7BE]>SZE>W%W;BC)>$ZHB2]/-+E&N(U4!L^C MQ&,CUVL:^054LP &2> !7WQX*!_;? 8&U+P^W^E>*?!!S;+U=A I>'_VH&D MA'NM> ?L2_"7_A;'Q\T6.YA\W2-%_P")O>]AE6$3#RT/8I"@([KN]*6&K>Q MH2C4WIW7RZ!6I^TJ1LH>6&VRFE M<-Z$2>2@/<0GWKX<_;F_Y.I\=_\ 76U_])(*!S\(_%;_(6Y_P'%*H'\"5 M=*TY![2M/(.088;*Y!8>S2&1QI_*\,_;F_Y.I=_]=:7_P'!>,;Q?H;6^GW#;(M0M9%GMV;&=+I=3\K=Z?=SV-[*=T5Q;2-'(A)592"#[*JR5 M](EW/-5KZGZ2^+/N7/%>I?L5^'? 5GX?L#XXL[A)9X_-A4C]_(S'SLX)VL,_MM7P9\7/@EXN^!VL66F>+]/CL+N\@^TPK%<1S!DW%>-/$-O_M ,$Y/"">MQ:[]<6LRW.0DU%+R07#C[3,.&0-N/_Z!J^-/!-KK'QL^*GA+0== MUK4M3?4M0M]/-U=W#SRPPO* Y4N3C 9FQTKQ<"ZL5.4VN52E?3_@GH8A0?*!I MIWLC.^$WI+WQ(^-5F:[PSX>DDTK<5_M^\D6WMR1P0K.1OP>#M!P>N*Z'Q_] ML1_%WX=Z'-J]fX<74=#(/4O/)I5PERT2CJS1@[\ 9)(! R<5[G^WE_?S/E2BO;_P!L[X=V'PS_ &B/$VFZ5 +;3+HQZA;PJ_+'MYR!G51V4/O '88':O$*|2E456$:BV:N<^-_^1TU M_P#[*%Q_Z,:L6MKQQ_R.FO\ _80N/_1C5BU\>>|%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %

*"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH HHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ KXU_X*@Z+]J^#WAC5 N7LI;6$^RR02DG\XU`.OLJOG;\OSP\VO-M?*

LP^)9=}ITUK>]_>DRHQ_!78_A7=@9V &?!L+XD?"2VTG6M0MM.T1R&DTS2{3#**001O+,SL 0#@1GG%>=_#/XF M>(?A'XPL_$WAF]^Q;I;!E!90T&4CM[C! (Y:BM8T:<(>SC%6[$. MI.4N9O4^O=0_X*0^*KJ.6]MO_A6S\3/%Y0UI8'>1!C&5!;/ Z L1QR".*\H M^)'!5?C'XK?"?3/ WB06U_'9Z@VHMJ\F\W<\A,Q 8[MH4><0 %&]@8 KQFB ML88.A3:<8;HTE7]2TFZ-IFFW\7B&*,*=[Y9"T6Q9% M!3;P_P">]ZYZ"O(***Z(TXQDYI:O1+.)]H^60M%L6104VL/^>IZYZ"O(**S>'I,+@XZ-W^97M)\RE?5&CX<\1:EX1UZP

MUK2+N2PU.PF6XMfF(X;-U.0?_K'@1#7'I_P"T%^TIJWI3Z+I3<=@/N5)KY1U"_M_N=5OKB]O)Y+!JH0&FFGF8L\CLHJPDA3);9N4X903D;@2.@. /.'O[0 M7B?QQ\8H_B1$;?0-?MWA:U&F*5C@$2A4 #$[A@<@<@\)&,"9>944HX:C&;G&. MKW&ZU245%O1'U\O_ 4B\4W%O;7&H^!?"NI;_.Q[8-5F@?,5YUXH_;.\?>./ACX]\&>

(6L]6A\07BW4M_,KB:W56B810]&"+&#",#;_$ MQY)S7@U%9OP>'@]Q@BGB*LM'(UO"?BK5/_B73=?T6Z;OU73UN+:X4 [74Y M&0>".Q!X()!KZ@\2?\%'/&/B;PE?

Z7<>%/#J:C>VAKY)HK2IAZ59]52-VB(59TTU%VN=5\-OBAXF^$?B>'7_"NJS:7],8V, M4P4F3()CD0\.IP.".P(P0#7TLW_!2#Q!]<:R:Y\._".K:@GW+EH) !Z<,SGL

M/X]~/Z*57+4;<U2FK19Z0>/VF/&'!0UQH\2#3!6RTW>,2QTVW,<-M41<*&.69F)(5>K0&, .,U/X) ;7U_P+\$?$OPQL],TV?2-L@#^0>5+%M[-_<&,>]>045I*G&4E-

K5;?,E2;3BMF>D_/XZ;O\ ML]^-I_$NBV%EJ-U-926+0WX+?$=QXP\5;UK]W"#=:.MK>S7TL<((17ED9V"Y). 6.,DUDT4*G%322", # C216!V],!@V, # XKJ-4_X*,>+[>QFM_"GA#P

MOX2EF7#W5K:&23/8@$A*=8LK/3[LVT M=J(;$.(PJ9P?F8G/S'O7GE%=/LX\ZG;5:&7-+EY;Z'JW[/?[1&M_LY^(-4U; M1--T_4I=0M1:R1Z@'*J

X8$;&7G(KR^\NGOKR>YD*AYI&D8+TR3DX_,H:*%3 MC&3FEJP-+[XC>-=:\3ZG'!%ZM=/=51VRE8U9CG"@DG]R3[U@45 ME3P]*E)SA&S94JLYI*3O8****Z3(**** "O2OV=?

BY/\$?B]H/BE-S64,OD7 M\2 _\M+5_ED&.Y ^8?[2K7FM%1."]1<);,J,G%]2Z'[:?&[X?VOQD^$^H:=:& M.ZN)(1?;7.C

@S*NZ,JW3#@E<^CFOS%DC>&1HY%9'4E65A@@CJ'"*^U/^"=_Q MG'Q_^$)*W]P9-;\+%)Z+/D>>O7`\P^\ [:8[5Q\/XB6&KU.OJ/S7Z_>M?O.C-*2K4XX]'H_Z

M!=#P>BBBOOSY@?#-);S)+$'[SQ[&1T)#^0<@@0;3XY$N ML:<,*,'FJ1C-U"//JL?\W+DJ]+EFGF8L\CLHJPDA3);9N4X903D;@2.@. /.'O[0 M7B?QQ\8H_B1$;?0-?

%=.\2-\OV.=_W4[?],G/4G^Z<-Z9QFOS+ M,LAKX*]2G[\/Q7JOU_(^OPF94\1:,_=E_6Q)^T5]2?$/X':5XN\V\TI9I6K- MEBZ+-ZF/^VHZ'_:'/)R#7SGXH\):KX/U

V>]VCV\G.Q^]2#U5NA'3Z=\5\N> MP8]%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%%

!7]7[.5GH^(*($DQ"%O9R29IR57_V8UY;7 MN7[.&GEKS7KTCA(XH5/U+$_^@C\Z /?]***"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH

**** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@

HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **XCXW>&_^$P^#GC;1@N^2\T;[MBB'-

$T\BA_!@[N"W!&4,I!&0>"#51DXR4ET$US)IGX"T5T?Q&\/X*^(' MB7P^ZE&TO4KBSP?2.1E[(5SM?\6D)-'QS5G8****H045]^%O"^]^-O$-AH M6AV4FHZM?2B&V4M8L!&(/)

('!6*KR0FJ63G(\ ) MB36,ZU*F[3DEZLTC3G/6*,/!**[XA?!{QK*9XHO%OAK4-#\[B*6XBS%(>X M61+NB6G%V844451(4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%%

!1110 4444 %%%;'A'PCK'CSO)8:!H!%C)]6KWTGE6]K&0"[M8)/+$ $DD@ TFU%78]]$8]%>__P##!?QU_P"A&_\ *O8?_'ZY#XF_LR?$

MOX.Z#%K7B_PRVDZ7+.MLMP+VVG'F$,0I$4C$9"GDC"%<|<30D^6,TWZHU=*I M%7<7]QY?17H/PK^ /CWXV1ZB_@O0&UE-/*"Y;!5! (R^[:,RNN2=K=,]*![_M (8+^.O_

$(W_E7L/_C].6(HP?+..;3!4*-*)7C%M>3<XUWP>UGI-C'VSU<}]%I-Y:=*VPB@+EFGF8L\CLHJPDA3);9N4X903D;@2.@. /.'O[0 M7B?QQ\8H_B1$;?0-?

M0\S1E8XH@3@;Y'(5<|X!.3@XZ52K4I1@_%3X ^/0@ MJUN?&'AV?2K>X?5<9QJ+F@[HF47%VDK M!17I'Q,^ 7BKX1>%_#6M>)A9V)\01F6UT[S\WB(#NDCQ\O@+*W."

<'!R*\WH MA.-1P?LH_&1_@C\:=$UJ;;RM&NG^P;H" M?E^S2$ N?]Q@K_|,=Z_4?]I#X;#XK?"C4+.SC6?5+0"_TXKR6D0'*#'7>A M91VRRGM7XL5^M'[!7QF_X6I\$[73+R7S-

<\;-=N=QRSPA?]'D_% 4]S&Q[U M\]F49T*D,;2WB_\ AO\ (J3'2C4C+#W5V\'T5[+'U9\.!\- BI>/;PE/2-8S M?\VN\P0,}>QCM\KY.!T5EKQ0OTC#UX8[C&M:#;2N?)U:'M2 MFT^Y&

X0YCE4?PNAX8>Q_#FODLRX?HXN]2A[D_P?^7JCW,)FE2C[E7WH_BC[M.^(7P!Q!"\VIT#S-3L!\S6^,SQ#Y ^^/ISf\K7D1!4D$8->V_!3]K[P_\0_(MTOQ%Y/AS7VPJEWQ:W#?

[#G[A/]UO8 DUZ'\0?@WH_C@/A0$;6:W$Y]7U/:8:#\K?=H?+8J/)6D@HHHKT#E/,_P!B M?_DZ+P%_U]3?^D\M>1_MI?'CXB>!_P!I+Q+1.@>,.]9TC3+9+-H;.UNV2)"UK

M#$S87..6))]],+5]\;?9M)F?2#>;E.M MLDP[% QW,#V8#;?6H?BI^R+\4/@_1#ZOKWAXRZ/'CS;_$^9,F*WDVG<@Z? M,P R0,UZQ^M- ^TGXKU#XN:KX,T#6K[0O#F@[;-K?

3IV@^TR[09&D*$%@"!=H4 MG "YODFNC_X)^?';Q!XB\:WOPS\4ZA<>(O#^K6$[6\.I2&^U_/T/C/PQX;U#QAXDTO0M*.MA%QJ>I7,=G;1.X0/*!!5&XD 3] MJ4QY/<[^O-?

0_P#P4",:0\]> _%4'@?P==3^&I9X8]2U35M//VEOA]/B+5[S6]077- M.@%U?3&64HLZ[06/)QD]?6O]/_@H% ^TAXB\[^*H/ O@ZZG\-2SPQZEJFK;>Y MAN;AF&R-%D4AE

6,9.#@\5W7PQ_8[^*OQ8T>+5[\;? M9M)F7?#>;E.MLDP[% QW,#V8#;?6K?]/NDZC^TI^TAX1L&V]?OB"+E[]>]E M.TDD%O&\HC9FY*L5"DGG#FO1_P!N;IU/Q7]'Q'-

!VV;6^G3M M!]EV@R-(4(+ $[0I. %SC)-7.M7YXT(6YK7;Z?<3&G3Y74E>U[)'D_Q4_9% M^*'P?TA]7UP\9=!CQYM_I\RW,4/0)M.Y:T^9@!D@9KE/A)\%_%?QPUR[TCP

MC90W]_:VQNY8YKF.'$895R-Y&>67IZU]3?\ \/SX[>(/$'7C6]^&?BG4+CQ%X M?U:PG:WAU*05F%U7+H"Q)\MX]^5Y&0" ,MG@?A'>0?LX_MSG1H9&BT:/6I|$ M/F-

DFVG8I#N/L6B8G_9J/K%>/M*4DN>*NNS17LJ_Y4J "9V^1\TZQI-YH&K7 MNF:A UK?V4IVUQ V.QR0$E..X((_"NIF_9\=6_PBC^)CZ.!$T^4/ >>H?

L\1E,ZI.^"875@WR[COA#GT(E2-_P#@8_&*V/=.G2J1 M7Q:OTZ_F.GAN:4XRZ;>O0_(O1[)N_$&KV.EZ? US?WLZ6UO"N,R2.P55&>Y) M KJOBS\'?

%/P1\16^A^+;*&QU&XM5O(XXKF.8&)F9 24)QRC<'TKU?\ 8/\ MAS)XN_;6T?I7;L(?#J2ZI#F'*%N7/KM!QWQ5SXL?LD_$WX,Z- ,'B#0@ M^C@A9+[3YUN(X2>GF;?

F0=/F(VY(&"?A?XR\!Z M581K_P 20^4DTG($9(8'8B!0%Z9))SQAO[$_A7XP^'=G M2J4UE_-CBERJE%)8D*Z,X*C@\'Z^=]>J>S[O>-OY>MO6^_R.KZO#F]G9W[]#

M\^O#'AO4/&'B32]"TJ$7&IZE*\7T?|OXJZU\0 M-4\'6_AU!JFEQOR?LS7,?V: 2(^3,H)4E@1A1D|>_ FG?#OPNG@?]LK0/#L1 M9H=)\;16,,,A 2?HHKZ8_X*!?M(>(O ?

BJ#P+X.NI_#4L\,>I:IJVGN M8;FY9ALC19%(90%C&3G)PHX YZZV(J^UC2HI>\KZ]#&G2AR.=3HSXP^)GP>\ M42"?QL/"?B"Q5=.9(WBAM)!YHD.$V!{R_,3P3DGBO3_P!M3X7_

!HTGXLZQXRM9M,?'&O_$'5 MEU3Q)]MQK.I+"EO]JNFW2%$&%#-U8@=SDGN:PZ],/-RKGW.25K^[L%>[_L__M\G4^!/\ KK=?^DD]>$5Z'^S{\3;7X.?&+PWXPO;:._M-

,ED:6WMR!(RO$]9V MYXR-^>?2LL1%SHSC'=I_D72:G4BWW1]!_MZ?M&?$OP'^T=XNT+P_XQU+2M(M M?1^D6=NZA(\UG]8R.

[,Q &OG7QU\=OB!\3=)BTOQ3XKU#6M/CF%PEM*?A'5_>7OEB?46\LSN%54\(65<;5 M50,'D"L_X^_LJ_#_%WX,GXM_!F[E_L2&/SKO2Y)GD01*=LC*9"9$=#RR,3D M9QC

#>5AZE.@J<*M+E>BO9;^IVU(SJ.4H3NNUWL?+WP_^,'C3X5K>KX3\1WV MA+>E#<+:N)"N=I((/W\]Z!:/VN/C-(ZHGQ UEG8X"JZDD^GW:\>KZ*_83^ M#_| PM3XZ:?

=7<'FZ/X= $2^M(_<1GZOAL=PC"O1Q"HTX2]U(#\CDIN MI*2A%L^D?2'NO?"7]C_P /^$@$VSKSZOXZ\5QK'?3W39D1,B6X'\-A TZN2N0>Z2A?K7P+ ,4'T'PC\ M-=:,^&?

Q#\-3^*? VHS_;D6SF\NY M9&G'#PERW? M,I-?I\CLE6BZLE\?2UDST_P"%&MW7CF]@/XJ6/B.[EU&'0[M9-/FNY&=H"\"'Z MHI/(&_,!_P!-".AKB/V._@[I-V^*]?%OQX!;^ ?"/^D

3+E;VZ7!1%!^\%)7C M^>F1>?VAK>]:G+YMR|2%2\D@#, !M MC_B^8K&HP.O0?%+1;[X^:!;_ SX1FUTWX=>!8LZIJMQ-LM7G7<#)*X&6PV_& M!\SF1N@!$N4H\\/AYG=_W8Z+

[WT'9/EEO96]7_DCY8^.GQCU;XZ?$C4O%.JD MQ+,.?*L|/=E;6W4G9&M"23W8L>]>?U!"^/?V;=4\/^ =1\9>_$_&/AWXAZ#!> M1J.FA7(>2UP,LQ)!51@GYLX(,_[M!_2OD?\

:2^&/_"K?BIJ5C;0>3I%X?MMA@?*(G)R@]-C!E ZX />L>',3*E* MI@*NZU7Z_P"?WFF:T5,,<3#9[_I_D>74445]V?-A1110 4444 %>_!/]K3Q

M%_L^F:SYGB'PXF%$,C_P"D6Z_],W/4 ?P-QQ@%;\&HKDQ.%HXNG[.O&Z_K M8VHUJE"7/3=F:]CX3\;>$?C3X7>?3+BWUC3Y %GM9E_>0M_===#RI]#[9!/6O M*OB'^SW<.?

YU_P"&2UW;#+-I[GJ_# 8/\8]CSQ_$;^&_"GB_6? ^M0ZMH6HS MZ9?QY986GQD?W6'1E/<$%&OM/X*?MF;/XN\C2?&8AT'5SA%OE.+2<^Y/^J/U M.WW'2OS;,N'IV%O4P_OP_%?

Y_+[CZW"9I3K6A5]V7X'E,T+V\KQ2HTBBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@"QI]E)]6H6U1$,RW$] MQ)]6(

G7W':VZ6=M%!&-L<2!%'H ,"ODI\)Z-;?Q'TL,N8]4M=/[;!E3_W MUMKZVH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@

HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH

**** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** / OVYO G_"=_LV>)O"YEWHX35X.{?).9#_ -

^FEK\@ M:_?#5]+MM9^U:.M7>S64I(QEHW*$_CC-?79+5O"=))-?O/#S"%I1GW,:BBBOI3R#V_]B?\ Y.B\ M!?\ 7U-_Z3RUK_M^?\G5>+O^N5C_ .D<>/-

S^(.I_"KQWHWBS1U@?4=+F M\Z*.Y0M& ^0596 (."K$<$'G@BO[C_AZ)X^_Z%3PW^5Q_\SF[:WVN6O\ @FC\/O%-O\2]7\5R6-U8>&5TJ2T>ZGC9(IF1 M!(V5$S[[&PL2,XP,_>%

<[\)_BEH>F_\ !0>^U^"YCBT'5];OK);D*Y'\X,D. MY!'EV'/HV:XIXJ_MU?%+\$<;-XM)O[%U^87ME?;#YFY7W<<=<8/>NS_XQ>_#'4!1^^TW MCRXMEM?#FAVPQGI^QO G_

4/'^(7AKPW#H7B# M3=(\:V.;&/SM6C?]3(O97<-M<#U9"Q[DUA_&?!N;Q_\ %WP^_AZ!+/PGX?D3 MRYK31PZO.F,%'D)SL_V5"@@X.;S=/%2H_5G%+2W-?

IZ=RN:BJGM4WWM,]2'2 M?&EM\1/VZM)\1V4AEL;_.;6TEM(PP6A%RBQG';*]M=%_P %(O\ DY!O^P/; M_P Y*^=? WBVZ\ ^--"\2V444]Y!%]#?0Q3@F-WC<.%;!!P2.

<$5T QU^-6] M_SQVWBG64+*ST^[-M':&B@&#B,*F<'YF)S)O[UU*A*.(A./P]-C'VB=*47NW< MD_9M_P"3@OAO_P!E^>CTKU_P#*1?\G(_V!{7^ ?&FA>);

M***>\TB^AOH8IP3&[QN'"M@@X)'.'"Z?XZ_&K5?CYXL;Q3K%E9Z?=FVCM1#8 MAQ&%3.#\S$Y^8]ZJ5*3Q.:O1)H2FE1<.MSLOV(_&EIX'_:5\)75_.MM97CRZ M=)(W0--&R1Y]

9#&,]LUK_MW?"_5_ OQ]\0:O<6DW]BZ_,+VROMA\N1F1?,3 M/3&O#<.A>(--TCQK8Q MH8 ,U:-_M,B]E=PVUP/5D+'N36=:G5A65>DKZ6:V*ISA*FZH_%;;QY<6S6OAS0I.=?

[0G4K$\]HLV*QX.U&=F/88SU%> ?';QU%X\'-C9 MB_O1HLSFUO-5EFLY0\K&)6Q$WL=JJ:I*^_,[=.8*/\3G9_LJ%!!PJK-JR6]D*L*@[<-4M;GZJZQ3M%B_:>_X9X^)D4:2?

8[A;G5"H&!MB,K*?55N;?R\?]-?K7SYX>^/&?^"C%UK1 MN3_9-]J3^&1RB=9LY82 {@V?7/-<5'-M SBYP]?#9J/HWS>3:66LVI]U,V3MB\U?,8_| 2U> ME_'7]M?QE\>O \/A;5M-

TK2[7=5. ^GK*'G9 <*=SL N3NQZ],>*^>ZZ,'A MJD:Z=K_AGQ-KNF>#=+1LXXP M^G74BV\5RI8,K;>%++M8?WOFQT-?+NC_ +0WQL\0ZA%8:5XW\6ZG?3'$=K9W

M'9TT_Q9H4(6.&WUN-Y)((P,")-%8';TP&# M8P_,#BNHU3_@HQXOMI&<W\+$^,"A*690W*E MF8GDL2223SPO5_| @I%_R<@W_8'M?YR5\|>#?&E[X+\=:-XJMDBNM0TO4(M1

M1+/@$I)(D@*=8LK/3[LVT=J(;$.(PJ9P?F8G M/S'O7,*E)XF-5;)-' JB]BX=;G'Z#X9U?Q5=36VC:7>:M<0PO)_#,T,6HPIT3)OJ2.^M_VQ/&-M(/?\'_!'P)@N

MX]0UV*TM]7ECP5A1/F"^Q:3D=P]#/W@:SC*IAXT;"UD]_1;ER4*KG4V73U/ MANM?P]X1USQ:UZNB;/?:NUE ;FY6QMWF,40(4NP4'"@L.?>LBN_^"WQP\4?

M7Q5)KWA::V6YFA-M<07D(EBGC+!MK#((Y4*D'CKUKT:G.HOD6IR1Y,^]L<&E ML,CS")8V:4MM$8!W%LXQCUK]#? 6AZC\"O\|@GCXS_X2R(Z=>Z[!=FVI+SY9

M4^U1!!$FP\AC@R;>H!R<8,/-V_X*7>)?^/][/P!X736-O_'Z5E/S=SC<&OJ;O MQKP'XT?M$>,/CUJ4=QXJU3S+2*%RJ]MIEHOE6EN3QE4RM[V.R,J5&[C*!:MM8\UK]"OA_'_P ,C?

L..CXHD'V?QCXO57ML M\2(\RE;<#_KG%OFP>A+"OS\L;A,.]MYW@CNDBD5V@FSLD /)5L$*!Z'!!YKU M[HH/[J3O/^T3'HEMK%EI^D;=I(@)]:WQ5&==PA]

MF]W\MD9T:D:.:E+KT/&JDMK>6\N(K>")YIY7'1OQJ69V)P .I)[.O0O@1\3] M-^#OQ&LO%FH>&8_%4E@C-9VDMU]G6*X.-DQ.O]VWYL#'4@Y! KMFW&+<5=G/

M%)M)NQ]*<JB+/B'X IX;LI47XO>-H!+J-Q&WSZ9:'(VJ1I(RR(@CJY=@?]D6] M/[,*RR_L8?'H:,;N_M383,8_O&W\@%NG.-OG?K7RY\2OB)K/Q6\;ZMXIUZ?S]

M2U"4R,%SLC7HD:#LJ] H'I*$Z+X'_ _!\|4? +Q%^?$G]L'O!XV\$7G@_0_#7AWP M%X'MUVF.K6Y |Y?P"A_P#3/'>O MR 1VC=71BKJ(AK)*?B=

MJVB+&5T]G^U6#')W6SDE!DG)VX*$GJ4->?5^ET:L.],-6#T.N?(U(2IR<);H M****V("BBB@ HHHH **** /9?@O^U!XG^$KQ6,KMKOAT<'3KF0YA'_3%^=G^

MfRO7@$YK]D^'OQ4\(_&K09'TFYAO59.76F7;KYT0;2,YR/<94]C7Y,5H:# M@U+POJUO]>D7T^G7\#;HIBWPN9+>52K*?0@*!fX*MK6>K?9]\(?!-

/O3A$UF%<02' JJH_P!6?!H?+[*|-M7OWC#X?Z'\2-,2;=8VE>,;ZE:D%|IY!##AEYZ'(YXQUK\QQF!KX&?)7C;SZ M/T9]A0Q%/$QYJ;/CZBNR\>_"O6O 4S27$?VO32<)?0*=G7 #C^

].#QZ$UQM MZ_LQZ&3)K.L,O "VD;??YG_DGYU[W7#_!?0_[""^6EJR[9;I3=R>^\Y7_M ,=V_E7<4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110

4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444

%%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !7Y3_ /!13X<_|

(7|?)=9@BV6/B2T2^!4843+ ^]E7 MZ_*KG_KI7ZL5\F_\%(OA$_PEGP/M_$<$.^|\-7JS,P&3]GF(CD'_'UY3'V0 MUZN65O8XF-]GI_?S.+&4^>B_+4_+:BBBOOCYD**** "BBB@

HHHH **** "B MBB@ HHHH **** "BBB@ HHHH T_#7B34O!^OV&MZ/=-9 M:I8RK(;7"]K&(0T+8H\2^)M5\8Z]>ZUK=_/[>]WDGF7%W<-N>1L8Y/L

M !T K,HJ>57YK:CN[6"BBBJ$%%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %?57_!/'XS?!*\^,'_ C%]-LT?Q4%M1N/RQW:Y,#?!"RT M?

N77TKY5J6TNIK&ZAN;.5X+B%UDCEC.&1@Q!%85Z*KTI4Y=36G4=.:FN MA^M'[,_PO'BOX?Q>)[.$OJ>@DM+L7+/;L0'SCKL.&]AOI:^"[_J'IGWXH6/Q

M^^>D:Y<+\!|_%#;TZ_< P Q9M15XXB& MTCCZ***^V/G@HHHH **** "BBB@ HHHH *]2^#O(17BXG\W"PV#LS\/?A9\;O"7QHTME MTRX5;W5]*TB\ $R C!^7HZ_[0R.>

<'BN9^(7[/4%]Y]MJX8*VL_+-I[C8C?O M\A/W3'CG^$*OSQTW4[S1K^\"^L+J:RO(&WQ7%O(4D1O4,.0:^N/@I^VS_P >.M^C_$%?

1$UR!/R\Z,#_QY?,*]37YSF7#E2C>KA/>CVZKT[_GZGU>$S:-2T*^C M[]/^ CWLMG?6\EK=1'#Q2]5856K[%U[POX;^*>AP32&& MI4WVNHV MW(XZ5\

[_$#X.ZSX':2Y13J.D@\7<*\H/^FB_P_7]TYR<5\4TT-M[,^AWU1P5%%%(HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "M+P

MSHLGB+Q!IVF1YW74Z1$C^$$\G\'D_A6;7KG[-_ATZAXLNM5=,Q:?#A#C_EH^ M0/\ QT/^8H ^D((4MH8X8E"1Q]51T P!4E%% !1110 4444 %%%% !1110 M 4444 %%%%

!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M%% !1110 4444 %%%% !1110 4444

%%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 5B>-O"EGX[\ M'ZWXCHQ4X[LCCVK*KZ]_P"""DWPK_P"$3^+ECXNM(=EAXEMLS,HX M%U"'%_1N0QW.XU\A5^DX>LJ]*-1=3Y.K3G-P[!111720A1110 4444 %%% M%

!1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 ?8G_!-WXSGP M4\2,SP+?SA-

+\2+OM=YP([R-20[_OH"ON505]+?MR?#*^W/"ECXRLH-U[!)% MO>%1RUL[?*3Z['/Y2,>U?EAI&K7>@ZM9:G!\VM_9S)<6\\9PTHPVX]<8/>OGL5*67XR MGCH;=?

Z\U^'1ZM%+%4)8>7R_KU/S"HKH_B-X*NOAUXXUGY>$M+H]PT:RK8!R M,\QOCMN0]V/>NA?"?XZ>*O@_?A[\O/.TUWW3Z7A'! MY'[W\%/VUKW1_(TCQZ)-0LAA$UB%V"\.U?

E^,RW$9?/EK1TZ/HS[*#XNEBHWI MO7MU/CBBO2?B'\$=6\'>;>6.[5-)7+&1%_>PK_M[.P_O#CCG%>;5YAV!1110 M 4444 %%%% !1110 4444 %%%% !1110 5]7_

WPW_PCWP_LY'7;<7Y-V_KA M@ @_[Y"G\37S7X)\-OXM\5:,I2YVWHC#^&,K@WVFJYX6Z1?WB#_'XQN_[9>]?$5:OA3Q-?^"_$VE:]I&&?X6&&'L173P MWC'4HRPE3XH?

E_P"^AEFU!]F*O\'7Y_$QJ***^Q/!"BBB@ HHHH **** "B MBB@ HHHH **** "NT^&?Q?\ $_PEU87F@7!1Q,V9[&;+V\_^^F>O^T,$=C7%

MT5E4IPK0<*BNGT9<)RIR4HNS/T>^"_[4'ACXM)#8S.NA^(VX.G7,@VS'_IB__M&_|W>&]B!FM/XA_G3/%7FWNDJ-*U1LL0HQ!,W^TH^Z3_>'OD$U^9Z.T;*R ML593D,IP0?

6OI;X*_MF:QX1\C2?&0FUJ2!A$0@E?GV9<-.MRC>K@M5_+U^3_1_B?483-E*T,1]_^9H>(_"^]>$]0:RU6TDM)QRN[E7'JK#@

MCZ5EU]BV=YX3^,/A:.XMI;37M(FY61#DQMC\&C<9Z<$9KQ#XA? 34O#?F7NB M^9]VG#DQ!AE4IH! MP?4__NBO2OVBOA#N\]_;L^&/DW.E^.K*+Y9=NGZ@%7^(

F*0X'OSM^.M'GCC4?AXXT3Q11+[+_2[I+F,$X#@'YD;_9925/LQK]H)TT+]H#X/!H7$VC> M)-.66&3@F(LH9&Q_?1P#CLR5_5J/+1"*Q>&E0>ZV/RV MHK0\0:'>>&-

WFCZX=20<'N,.#WK/K].C)22:V/CVFG9A111 M5""BBB@ HHHH **** "BBB@ HHHH **** "BBB@#I_A_\2O$7PQUI=3\.ZC) M93' EB^]%,O]UT/##]1V(:]L^7X>\1OA1#

(_^CW#?]LW M/0D_P-SV!:OSUHKQ/-_MN[4+IFKMSY\;_)*?]M?7_;'/KG&*^0*Y+X*?M>>(/AWY&E^(?-\1>'UPJEWS=6R_[#G[P'UO8 @5]I>'?%7 MA'XS^%GFTZYM=]?

E^895B,OE^\5X]UM_P M^QPN-I8I>Z/[/L?U%>R?$+]G\/TGS+[PX7U"SY9K-N9H_P#=_OCVZ].O6O'' M1IHW9'4JRG!5A@=5_=XE%%% !1110 4444

%>M_L[^#_P"V/$DNM3IFVTT8 MCR.&F8'Y#)^16O)H8GGE2*-&>1V"]JC))/ K()^'7A-?!?A&PTW"_:%7S+ MAE_BE;EOKC]*.EHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /D;_@HM\$3X]^ M&,'C/3+;S-9\;GG$;Y;6Q;_"%GU\LX?V7S/6ORJK\]HBWBO+>6">-9H)5*2 M1R*&5E(P00>H(K\;?VK_(%R_7XN:AI$$;_*

*/"/WV;W29FR08&)_=DG[T9R MI[X"G^*OK6ZU1X>/HV?M5\SQJBBBOJ©R HHHH ***** "BBB@ HHH MH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ M HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "OT0_X)E_&87^BZQ\ M--0F)GL2VI:7N/6%F FC'IM+=.+&;3; ME9'C4X\Z(_+)&?9D++^-<6,P_P'9HRI]>GJ=&'J^QJ*1]W_MT?#(.3XDTIQK M9Q$6^J 6EZ1T6X1?W;'G^*,$<#_ED?6OEBOU\9Z#I/QW^$-Q:V=Q'/I^N6" M7-A>=<[58@20R<<|-M)'ID5^8.I:,[^'I2FTV]3@O$?E=2=,$T(MKJ>&7V((K"H]D1C4BXS5TQODXNZ=F?>OP4_;&'[OQ)GTGO6(?#^N-A%N2V+2 MX;V8_P"K)&\./1N<5ZIX^^&>$B^/8VN"HL-3(^6^@4'=QQO7HX_7CK7Y;5[;\ M%?VJ/$OPJ,&G7K-KWAM?E^Q3O^\@7_IDYZ8_NG*^F,YKX/,N&U*]7!?^_Y/ M]&?2X3-FK0Q'W_YGI7C3X?:SX%N_*U*V_<,<17<66BD^A[*@\'!XKFZ^NO__MQ&\(&KPY)+I55#J5LRA;FPN5 EBSVDC/3GH>0<<<$UYM\0OV>9+?S;_PN3+% M]YM.D;+C_KFQZ_0\|=3TK_J4YTI.%16;Z, ^HC*,TI1=T>'45)<6\Mf)#/$%T;%7CD4JRD=00>AJ.LR@HHJSING7&KZA:65I&9.FX6.-!W8G_H)1_9[\ M$_VWXB?6IE,VFFD>7D%8#/GAJRTJ##>2N9),?ZR0 M\LWY_I@5N4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 5X-^V5\!5^.GPCNHK& M 2>)M&W7VEL!\TC ?O(/I(HQ_O*A[5{S16M*I*C-5{(HB<%4BXRV9^ SHT;L MCJ5=3@JPP0?2FU\@?\%"?V=?^%>^-!XJT.UV>'O$$Q^V1QK\MK>D$L?99 "P M_P!H/TX%?'!?HV'K1Q%-5(13Y2I3=2 M+++ "BBB@ HHHH M ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ MHHHH ***** "BBB@ HHHH ****/TI_X)I_&;_A)? NH_ M#[4)=U_H!-U8{CR}H(Y++ f)&_*11VK"_;<^&'_", ^.,;;Q790;-/UQ=MP5'R MI=(.<\8&]<-ZDJYKXT^ ?Q6N?@0\6/#_(KA,AM[2<)>0Q]9K9_EE3'<[22, M_P 04]J_7?XM>";'XW?"6]L+*:&X%[,)>Z7=J1L\P#?$X,''L#M) NN:\5/J M/+S&-?[$] L_U=3Y/KF$=+|4=OZ__+ ?RS0R6TTD,T;12QL4>-U(96!P00> MA!IE?IQ|>%%%, HHHH ***** "BBB@ HHHH ***** "BB MB@#3\-^)M5\(:O!]FBW\^FZA"\?LZ>__]9XHO(_[T-D&'X/) -1_P M*M+Q5^SC8:AJT%SHUU_9JL\[_;;5\LJIGYC&>Q_V3QSU'2O7M/L8-+L8+.UB M6&V@01QQKT50, 5X)Z18HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***M* "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH M ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "B MBB@ HHHH ***** "BBB@ HHHH ***** "BB MB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***M* "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH M YOXC> -)^*7@C5_ "VN0^=INI0&%\?>G;JLB^C*P# ^H%? BK\5_AG]_P'\?: MOX4UN/;>6$159@I"3QGE)4_V67!|LX/(-?N=?S3^VY^S.OQP\"_VUHMLK>-- M#B9[78/FO(!EGMSZG]R?[61QN)KV\LQGU>IR3? NR_!GGXS#^UCS1W1^35%.D-MC:*1D=2CJ<,K#!!'8TVON#YP***** "BBB@ HHHH ***** "BBB@ HHHH ***** M "BBB@ HHHH ***** "BBB@ HHHH M**** "BBB@ HHHH ***** "BBB@ K]0_^"<_QG/CKX5S^#M0G#ZMX798X=Q^: M2R?)C/OL(9/8!/6OR\KU7]F+XPO\#_C+H?B.1V&EL_V/4D7/S6LF YP.I4[7 M[E!7G8_#_6:#BMUJCKPU7V-1-['U)^V;\,?^$+ ^)7]O6D.S2_$;X^4?*ER M,>I=O2OGZOTU_;"^'$?Q<^$^HV-JHN+^%!?Z;T9SNF1254',/G4L MG\^>U? F5TX/!KW,@OOUO*$G[T-'Z='_78\[.\/[*NY+;6O^8444$]*>0%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !6AX?U#4] M+UJSN=&GN;;55E46TEFS++/O)P N.57WR>P->=F&,IX+#RJU=?+N^QU86A/$55"'_#'U/\ #B'Q M';^'=(7Q;)L#HDAZ^CG_;&/B:OWNUG1[']Q%I-YI M>IVL5]H]Y$T%Q;3+N22-AAE()"#7Y|_M9?LVWW|/CYIL;=9+GPIJ3-+I5ZP)MPN?F@<_WTR/IX8/<@?8Y7CO:QIA4>JV\T>#C./R/VD=F>&T445]$>4%%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110!^KG M_!/[XS_\+, ^#$6A7USYNN>%RMC(&/S/;$'[._P""@Q_]L_>O"?VN/AB?A[\5 M+FM#MMFDZ|NOK? X60G|\GX,=WH!(H[5X+^Q_P#8_!7XW:1J-5+Y>B;D?L, MU/<<*L;C#$A]-CA&SZ!AWK],/VHOAC_PLWX4WRVL'G:QI?\]|EM&68J/WD8 MP,G-D>>$!_OO@@>G)[5^EFFZ;;Z/I]M8V4"6UG;1-MK###&,*B*,!0/0 5S'PK^&.E?"7P?:,#I2;@GSW%TRX>YF(&Z1ORP!V [5V M%?CV<9F\QK>[\$=O_F?=X#!K"TI?B>_^04445X!Z84444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !7%_Z'\:O 6H^%=?BW6MTNZ*X0#S M+:.89V2H>S*?S!(/!-=I151DX24HNS0FE)69^'/Q?^$NO_!/QU?>%_$-OY=U M=\-P@/E74))V2QGNIQ]000>0:XJOV;_:8_9ST?\ :(\"OIMSY=GK]F&ETK5" MO,$A'*-CDQM@!A[CD"OO^\;>#=8^'WBC4?#VOV4FGZMN]AG@D[']L0>ZD8(M(X(((ZU[(@;;'%PU^);_ .9\UB<.Z$M-F8M%%%>%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !112]K.P5069C@-#) M-$UC8U#4]4 M44

*=B:\BKG-&.E-_@=T,OJ2^-V/RS^'/[!?Q<^('E37&B1^%;%R.W&O M2&!\=_W(!D$_ +R@>]?6/PK_ ,":O@3PKY-WXQU&[\87R\FW7-I9@_[JG>V/ M=P#W6OL&BO$K9IB:VB?*O+_]&G@Z5/5J_J8_A?P?H?@G2H],\/Z19:+81]+ M>Q@6)/J0H&3[GDUL445Y+;;NSMVT04444AA1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !7Y5 \%4DU7QI^UQ\$? "Z M_J.E;-K4-I;NMG,RB)IF_:\Y@N<%]H7K_=%?]H7Y6?\ !2S5++/I/V_/V>-1U M&[@L-/M#I=QOBY^T M'I,EG3-'UZ6]MK0,>'GN;M+!F98^!N6, (BEN!E\#D-@_4,]7!MZ=_ :OIF?;[M7^TMGF?8 ,?SMO\ >V9SCWO7Y,_\%/$_C/PK_P43^'E[\/H3<^-6\,V!E!$ M>W>1<7$M] K $XR/-++#=\N1ELC->}[__@E7!GP_\;>#_B3XF^(GB#7/B/IN MHQZOJ4RNC6EU/G9%?1/_!5)BO[#GC_!(S-IH:._ $PMZ /]V^OK;3+62ZO+B*TMHQEY MIW^(H!2QX%+9WEQ[%NEQ:SQW-N_*RPN'5N<<$<'FORN_99_8Q\4_MG?!OPCK M_P 9?&.KZ=\/=+TZ+3?"GAC09TB!AA7RC=2;E=0S%#U4LV.JI%4^6:MIOQ;_M_">/[5E!()? A'KLNO6WC2TA31+35MI1VN6:*&9DR(0/%*CKYF K!V\-[.T5M^JR2 =2]DY/X5(_$/QGN8&NY-6N}T>QFO-N1$5=/,*;OEWEP1PXVT*I7_@D7\?/$?Q<^">_MQ^&_%-_/]NH^$+V*VM[RZ6*-'* 2?N/[1_#0!]W50CU{3)=3? M34U&T?48P"]HLZF50\ODD22Y7E?-547:"1C*%2N<\XP0#!]J*^+_+@E[^TOXG^//P MF\0:%XXNY=2\7>#;Y+&XU" <@RW$$BMY1D(^[(ICE4MU8*!)))-?:% !7S#_P M4, ;BO\ ]EGX!RZQH&P>++=9NUTO29)(UD2WXM/#>L;K\)G]U#.GEB4CT$@C7/;S!!T /AWIOC;XU?$WQ=?^_=? MUU,6]K=1M'9>: Z*_FH^Y@&Y"; "=H MX&3G?LV^/O'W[$O[:$/[._C7Q/=>*_ ?B#8-#O;YF8Q-*&-O)$"6*!Y%:%XP M=N_YATR?J3]G_P#;U^"WCKX/^'=3U+X@^?!"VK0:? #%J&DZU[,5G/;SH@615 M20J9%R#M9 001T.0/A#]MK|H;P#|9OVVO@ZUM==DT&^T-TNM2MXW2$R+ M?K(BHS ;P-S?.O'S<$#T ?3?!? GC#Q)\1OVAO@Y^SIHVO7WAG1/%C?;]?N],E M,=Q/:AW B# < +!.<'(+%,C"\^7_ !D^%!?_ 3<^.WP:\1_#+!Q%KB>#_%&I MG2=?T'5+_P Z"5/;A#. 1C++ (J9(RK("#AB*]G_;Q^#/C^W^,WPG^/?PV\-R M>,]6\&2?9M3T"W;_ $BXM3(67R@ 2>>)9U. Q7>K!2 U<#XXMOB3^WE\;/A;= MZQ*]>^$OPQ\!WIUS5;_ ,81&UFNG#1N8T1U4XQ#MR. '9F(PH(!H_M&?'K MP_\LV?"36_'/B%P\-FFRTLE8+)>W3 B*!/=CU.#M4,QX4U\X_\!/OX"^(+ MZ]UO]HKXG;GXE>.LSV<,ZD?V9H[8V*JG[A=0@ ZK&J#@EQ7F&GW<7_!13]I MB]\9:[.EI^S;*YG^S->N(K75[Q0&:60L0NS #MNX6((1_K&OMKP/\ M.2"_M/XC>(_\A'O"WQ'\,ZWK62D>GV6H1/++A=QI<_O_"*OA[X6\ <0F+Q%X\>:A8C.5CU.RCN<^Q9&CQ]6&HRWB?EIXD_XJF_$_2RS:5J?A_6XNRIN_!WQYX7W?V MOX+\0:.J]6NM.FC7'/(8K@C@\CTKE)I>6UF:*:-X95ZI(I5A]0:_?>H;JS@O M8_+\GU)YVRH&&??!KKCGC^U3_'_@&+RY=)?@?0517[]?_PN\&K_Q^^$= MO.O_ !\;;"_7KU?O6#=?LX_"F\C"2?#;PHISG]UHUO&?55 :V6=PZP?WF;RZ M721^)-%?M-=?LJ_"&\C"/\.M 49S^ZLUC/YK@U5_X9#^#?\ T3W1_P#OAO\ MXJK_+:H_P K_G^SZG\R/QCHK]H+?\ 9+^#MM,LB?#S1"R]!) 77\F)'!J'_M^S%\)8Y%Z7M^_MO>__#- GM;>/(T>W3#+>O"=:Z'3_#>D:3M^Q:796>TY7[/;HF'>I&:6;SR/2G^_M/_+67/K(_#?1/AWXK\2[?](\,ZQ]N[&W[#82S9SC&-JGU'YBN]T3]D7XQ^(M-OV7X>ZQ%NQC!=&MUQU\TKCKW]_0U^SM%<\LJ[?9@E_7R-5E\>LC\[_#?\ MP3B^..M%MUOHWA]3[H[?J .!HQW5SY4\)_\$V_A-H+))CC:UXD< M?>CO;T11'Z'"%48#_($;IN\'- 7X<^_?+.@^"M%T^9/NW"V;/\ ]_6!<_G7 M>T5Y]3%5ZOQS;.F-&G#X8H****YC8**** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "OR@_X M*B>&=/\ &W]Q5-IW90\8/4'..M '7Z M!_P2X_9N\/ZI%?+X#?4'B.4AU#5;N:'/]4.FUOHP(YZ5]1Z3H]AX?TRVTW2[M*WTW3K6,106EI$L442#H](H 4#TJY10!^8'I6O__"EP^\/_ 9\Y:7 Z5W=?I M 7Q1>OV2?'OQ%_;\^%OQ;TA=-/@_P /VMG'?23W6R=6AGN)&"Q[3NR\$ P> MIVQUK[7H _,#]K7_ 2Q>? G_ *\M+_]2N[KZ* X*]? \F.>/O^NVF_\I?;U MSOQZ_9)\>_$7]OSX6_%O2%TT^#_#]K9QWTD]ULG5H9[B1@L>TJLB1 ,'J><= M:]<_;F^#/B/]H#]F/Q9X*+:OKVH/9O;K>3]>5&WE744K M@X.U&Q[T 4/\ M@GC_ ,F6_"K_ +!C?^CY.^2OVU/^4KWI/_'7EH___*<[VON+!DGX8:U\&/V< M? G@KQ%]G&MZ18>3=+:R>9&';CO@-@9P& ^H/7K7@WI2'I)/CSXH?MV_"#XL M:(NFMX3\- V]C%J+7%ULG0P7EQ.YU-IW9690.'J#G YH ^Uf_,#_@B7_S7#_K MTS_-O*_3^OBG_@FW^R3X_99;XGCQLNF@:]>6;6)T^Z\[>D/VCTCXB>!?$3 M>"_BMH4:"SU#18B.[N0>AH _3ZH;RSM!\5[6[@CNK6=&CE@F0.D M85#8*LX((X(-35Y!^U%X5^_BSX9I%&?%%GX5\;V=_%=I/?H6O%*]X>!MT M#@"T4R^2=8B\>97:>"R-&LC*2.X0 M,,Y&#TIS_8M_8;T3]D^QU35IS5&\6_$'6QC4M?FC^[4)#M#%N);;7&YF)RY M)QQ@ 'U!7PE^WE\\7_$/O8\;;/^RU*[G_B[?$P5O%&I1G*;7I&YDD(Z;D^9 MQP2A51GS0*^O_BUK7BOP]\-_$%_X&\/#Q5XOBMB-+TEKF*W2;=B%4L\KHH1< M[V!8$A2!R17@G["?[*^K?!#P[K?C7XAR?VE\8?&<{7FNWLDB3-;*SEA;*ZDJ M>?F =5-^[_I_P1^!'A)Y=(*ZWX@BL]1N8_EDNE0K MQ>5AP6>2;S3QC55@1\P!*E5.#R#X'XV_9S_;B_:W@\ ^^QC7<^#/"_P /)OX MKW4[GPX\KWNKM&I4<;BHR&8?LP"Q;,VU5 !]S? #GQ!<>+/AIX7URI3RKO4]M+M;V9 ,;7DA5Y&.W+&NBJ"QLH--LK>SM8E@MK>-8HHD& B* %4>P %3T %%% M% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 M4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M% !1110 4444 %%% !1110 4444

X)TOPU]5U;FUFNK;AWB+*Q0DD\;E4_@*^- M/^"S#3;/X.^$'B+R&FL]+\2.9=H_B,.NJYZ-D0O^5?=/@OXO^!OB)-#!X8\8 M:'KUU-;"_6UT[489YOLY(`FF-6+!%/!M5CX5\46.GRS:3J.E%XG$Z*SQK+R1(K, K;@6P>""!4G_ 2P^-VM?&K]ENW`MB*\DU#5_#6I2Z&UY/(7FN(4CBEB=R>I"S>7GJ?+R>2:[C|HS]M+X6_"/X/ZY MKT/C;0=;U2;QE72=,TK4H;F>]G966/:L;.0F[&Z3&U0#WP#Y[_P2?^#Vj_"C-MJE.VNJ;M6Ll_ ,5:E+KL<$BE9$MFCBBAW#_;6+S\[2CZ4 ?(/["]!,.D?M-? M&#XM1^- =3O+OP+X7\2->5XAE>*#4+V:2X5)9B!*HD+# Y_]:N#==_P4:^ M GA#]C_6/A5\7_A-I2^#M4L!;%<6NGR.(9RJ^_P#! M(W_D?OVEO^Q@M?\ T;?U\ X+:?\ ) O O_8S# TEGH _1*&59XDD0[D=0RG' M4'D4^]FD_P#(*LO^N*?^@BK= !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 5YO\ %3]G7X>?&S7_ M KK?*

C7PZNMZGX7N#=:1.UW<0_9I"\;D[8I%5QNBC.'##Y>G)SZ110 4444 M?-/B[_@G#^SQXV\72>)-1^'=O'],TYN+A+&]N;:WG/++/PC:6'B?

POIQTG1KFRDE@BLK4B8&)+=']$:,,7$W)0GYS MSP,>GT4 ><_&?]GGX??M":?I-C\0/#R^(+72KG[99QF[GM_*EQ@MF&1"PQV;`M(]fTOBY\&_!_QW\%S>$]_'6CC7=-FFCG>T-Q-!ET:48/$Z,,'T/UKM** ,WPW MX=!IPAX=TK0=(MA9Z3I=1%8V=N&9A%#&@2-,L23A5 R23QR:TJ** /G_ ;z1 ML#?*

'QMXFU3Q!K7PVT^]UC5+F2\O+G[3$W4T+#HT;S%RA|UQ7M%% !7FGQG_9M^&?]0 MMG9V_P 0O"-EXC%GN^SSR-)#/"#U59HF60>I4-C(!QD"O2Z*/ /A)^P,\"*

M_@CX@M=>\+>]6+7;5B\&HW]S/>RQ,?XD\YV5& X# ?>O?Z** /GSXN?L#_ M *^-WB2Y\0^*/ L#Z[/"UCX;LYBK3M;AGFG*C"F65RTDA&3C// FA M?$[P=]WA7Q-8#4] U: VUY9F5X _-C/4;@W2^U4@U7^&GPU\-_!_P/A?@_PA MIHTCPYIBNEI9":2;RP]M\WSR,SG+.QY)ZUT]% `G2?L!?#Z/XTR?%I?#RCX@ MR6OV-M8^US Y,7EB/;Y7F>5G8 ,I, ^],?*

Q0^%_ACXT>!=3\&^,M,_MGPWJ7E_M:[+SY8/,\N5)4^>)E<8>-#PPZ>E=510!B^"_!NC_[\(Z/X8\/6?]GZ'I%K M'965KYCR>5"BA57GUWQ=X$M;G79P!+]5C<

*M364IT\3^2ZB1L<;G!.,>@QIS10!X?\ !O\ 8I^"WP#UT6O!?@6ST_7(5*Q MZI=3J7ES'N4JQ1YG?RR5)!V;<@D=#75>/?V>?A|\3O'_(3\;>)O#RZGXG* MRK-H]_|.:YXC:.L@D!V)*

(J/AU!PMO%,$5S;QWEO+!,@DAE0HZGH5(P1^5 M<\'X#_9W\,W?A_X>Z"/#VD?=VU_/;8DBZ M=$B%]TSNP^6-!@"'3DUZ M+!0!Y1\=/V6?A?|*

*M)6]DGQ"|*6^N3V(9;2|\6:6VN80W51+$RL5SSM8E<|XK M9^#GP*\#_ /P+_PB'@?0TTC06E>XEMVFDG,TK@*[NTC,S$A5')Q@_"N^H MH*

^8|2_X)J_LX:IXJDU^7X:V1=5(YE>UM[ZZALRQ[BW241J/!E0%]]J4|+_L MY_#CP3\2IO'V@>%;?1_%,NEIHNK.22.);-!&$A6 -Y2_",95 <*.;[(HH MY;XF?"_P!%8O!]YX6\9Z':^-(-*

*!N\>;9W0.-PZ-K*0R..S*0PI&O/_@3^QS\) M?Y:-.U36/A_X7.CZGJ47V;>ZEOKBY?R=P;RE\UVVKN53QR<#).!CVFB@#SGP MI^S$\/O _P 5O$?*

Q)T3P\MCXU\11&'4]4%W._P!H0LC$>4TAC3)C0Y51WW- M:'Q8^"O@?XY^&UT'QYX:LO$NED)Y\<5TI#Q/_>CD4AT..J1D<=[:B@#YK\-M"_|+.7]GCX=^((=;TKX?*

*A|\#=0\37W@?P\NAW7B6Y6\U61;N>?[1*IWV3!&3=NA=&/RNPP3 MCGITKT.B@!L<;PQJB#:B@* .P%.HHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **Q?&UY-[_@S7[JVD:&X@T^XECD7JK+&Q!'T(KX^_X)'_M :!%6?%']FWQ%JGC'Q)JOBG4H//%EU:Q7FL7DEU.D(M+-Q&'-OB3K:*VGZ!:E@%5W*1O(5!8EG!"QH M"S%3]W@D _^JZ*,/BX^<*!]0>331K4'PM\$1Q2'5ST?S8S.D?4!@;I'IU&[=[-M \5Z)^QW_P 9%K7]H+QA?_#QOQX:?P'\4=/$@?2?G;R;LQ_ZU8PX#0R)@DQ- MD[5+!C@X*

/L.BO+/VD?VC/#7[+OPV;QMXKLM4O\ 2EO(K+R=\ACEG+R;MIQ) M(BX^4Y^:O0/" B"V\6>&M)URR61+/4I2&]A68 .(Y$#]&) .&&>30!IT5\$ M>(/BEXQ@_P"""N?

*AGP7'XIUB/P?-H+O)H"WT@L7?[!<2;S!G86WJIW8SP.:^] MZ "BBB@ HHHH **** "BO#_VTOCEKG[./[,/BCQ_XT2"#5$D> MW/FW443%E1T8X5R1AASCZ5T_|-_Q*U+XQ? ?P-*

*XVUBWM;75-ZAJ$0^[.YP2F>> |>.;M.-Q\KT'XU_'O)D?JGX?_#+XM^,/XF M^"O'$L=GI^K_&-(+B"5W$*SGF6#+(T6]7+@J^00Q.-GJ_VD/CO^V!\;/"?A M/X';QH/PY\$>"*

I5[%>>-3LEOKN[DWR(#'&ZNA#&)Y5=HPH!9P6"UX'^U\|_M_BK\.OV!/V93\3_BHOQ-EOO%,+6#+I,5(@+'(+?67F !,&WID*FSCK0!JK?\%)*

M/B|XN^"/|,.H>)?!.LR:#KBZG9VRWD44+O#?BS3?@OX/D@B_LN&ZLUDO]7VJ,W#2TG]I6\21&[A67RY-X150[2\15U4;ED!(R,G0_;'T_;X\8_"7Q M!X-

*^$_PEM(+SX[>,W46]TR\(*)/+C<(_R%G<. 5Y51&Y(&/*OV?SY?_!8 MCXWJGR^WSR,SG+.QY)ZUT]% `G2?L!?#Z/XTR?%I?#RCX@ MR6OV-M8^US Y,7EB/;Y7F>5G8 ,I, ^],?

M[#NW/IMUF6V?U^0_=)\5(/O7V3\)?VPO"?C_,FPULKX7UIL%N9 ;:5O]B4 MXP3Z-CT!-?GV/R#%8.\X>_'NM_FO\KGU&&S.C7]V7NOS_P SWVBD5@R@@Y!Y M!%+?S)ZX4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 M4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 M4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 45POQ:^-G@_X): =5\6:M'8HP/D6]?/ ,\D5^:O[17[< MWC#XT?:=*T4R>%/"4F4:SMY/](NE_P"FT@[$?P+A>2#NZUZ.%P-7%.\5;/YTCPX$\8^)H\HT=M)BSMGZ8DE'WB#_ IGH02I MK\Z_B\)?/&_QRU;I9XKUF2Y@1MT&G09CM+?_ '(P<9[;CECW)KSRBOL<+@;. M%5XJ[H.\&MB;E;=Z=@HHHKT3D"BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@#]"?\ @GP\E/(CC_L)P_\ H6N8_:<_Y+= <_8-M_P#V=>NG_.'6G_(@^./^PG#_ .BJYC]MS_DMS_\ 8-M__9Z\K* .^1S4]^AVXW_< M(^O^9X#1117Z*?*A1110 4444 %%% !1110 4444 %%% !1110 4444 %% M% !1110!ZY\(?VFO%WPF:*UCG_MK05(!TN]5=IM8,IPV",&7.1N'H>A!%?FW\(_AK>_%COYIW MA^SW1QRMYEU< 9\B! <;W^N.!ZD@=Z_4+0=#LO#.BV.DZ; MM86<*P0Q+T55& M!]3[\S7YMO-#"4YO4(V]/5VI>?FSZS)Y5Y1?,_<6W]7Z*Y[QYXPM__AFZU. M;#2*-D$1_P"6DA^ZOT[GV!KS3X>_M#07[1V/B94M)S\]W\8Q&Q_VQ_#]1Q]* M^%/I#VRBF0S1W$*2Q.LL3@,KH058'H01U%/H **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M** "BBB@ HHHH **** "BBO"?VG? VL/#WI.^BFW'EZOXONH]UGHZO]T'I+,1 M]Q/0=6Q@=RNM.E.M)0@KMDJG&G'FD]#K_C=\?/"?P#\,G5O$MY^_E#"STVWP-MUS=N.R+V XRQP!DBH.P'OW)-A\ {B,5*MHM$%%%%>N<(4444 %%% !1110 4444 %%% ! M1110 4444 %%% !1110 4444 %%% !1110 4444 ?H[_P2T_Y$'QQ_V$X? M_15P'4GL 37ZB_" [X>\Y'PM\#Z;X=\!\EMEDS-/C!GF/+R'ZGIZ =[^?:?V) M@$_E.R>/=5@Q>7[M#IB..8X7ZN1@?[(/9]^K; +>(LQ^L5QJU-^[#?S? M_ V^\^RRK"^RI^VEO+\O^"4M:UBU\/Z3=:C>R>7:VT9D=O8=A[D\#W-?&OB_ MQ1=>,?$-WJMV MR?1>_N?:O%Z^./>"BBB@ HHHH *ID^%GQUFT?R=*\12/<6'"Q?IRTD(\&[LO MZCW!>-T4 ?===K=0WUO'<6\}3P2*&22-@RL#T((ZU+7R7\,_BQ?\ @&Z6"0M>M;- (V9;4GE,)63T/MT/ZU]2Z'KMCXDTR'4-.N%N;6495U[>H([$>AH OT444 M%%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4 M444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M%%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4 M444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%%?*'[8W]9MI\&[.?PIX1N(;WQQ,NV688>/2U(^\PZ&4@_*AZ?> M;C ;>C1GB)JG36IG4J111Y!% [!KS!LJP^!MC+X<\-20:EX\G3E6&^+3489$D MHZ%R.53_($W$_WY;^(/$&I>*L:O-7UB^GU+4[R0RW%UXGD? +X2S_,KKI-OBYU&=>-D(/*@]F8_*/J3V->=0PO<2I M%$C22.P5409+$\ =S7Z5?LW_!]/A#\/8+;XC7^W=0VW.HR#DAR/EBSZ(#CZ MECWKY_.LQ^H89\K]^6B_5_+\[/'IY?A?K577X5O\ Y'[%G9P;?9P6MM$D%M!& ML4448PJ*HP% ["N6^*CB/P'X7FNU*F_F_=6D9YRY'WB/11S^0[UULDB0Q MM)(RI&H+,S' '4DU\A_%;QV_CSQ1+<1LW]G6^8;1# _=SR^/5CS],#M7X[O] MS[TY";2XFDEE=I)9&+.[')8DY)-,HHI %%% !1110 4444 %=5\[\ XB;E M\/\ 4_/M6\ZSD(^T6;GY)!Z^S>A_F"Y6B@#[6\)>+M-\;:3'J&FS>9&>'C;A MXF[JPI'^?:MJOB_P3XVU'P+K*7]@^5/RS6[Y)D_NG^A[5]9^#O&.G>-]&CU M#3Y.J>)86^_$W=6'^_LG1VBO/&HQ$VL## M//D'Y[5[D<| YVHT9UYJG!?,,ZDXTXN4MC%,;._:_M_@KI4OA;PO/'< M^.,R+YI%PRZ9&P_UCC_GH0W&I7D]W=SR75U.[2RS3.7>1V M.2S$\DDG))],6-8OOs.K7>IZG=S7^H721V.2S$]235.OOL'A(82 MGROWZ1L6/5G;_&F))/N34OBKQ):^$= 0 M-5O#^ZMTR$SR[\A5'N3G5^*YGCI9AB957MLO3^M3!P>&6%I*'7KZGF/[0GC M_P#LG2U\.V4F+N\7=\&>--1\#ZS'J&GR?[, ML#'Y)D_NM_0]JP:* /M3P?XOL/&VB0ZE8/E6^62)C\\3]U;W_F.:W*^-?A_X M\OO ,N+>VQ,EN^%N;4GY94_H1V/;Z$BOKCP[XBL?%6CV^I;=-YUM,,CU4]U8 M=B* -*BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BB MN3^*?Q,T3X0^!=4\4Z_/Y-A8QY$;D>9/(>$B0=V8\#]2< $U48N348K5B;45 M=G'_+2WI0VD?I\> I=5NO+NI?&7C# M5_B!XHU+Q#KU[!]&K;A,9IYY.Y/0 =E P !P !P*Z/XU_&37OCIX]O?$^O2 MX>3]W:V:,3%:0 G;$GL,Y)[DD]ZX.OO,!@EA(7?Q/?\ R/FL3B'7EIL@HHHK MU3B"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH MH **** "BBB@ HHHH **** "BBB@#]"?^*6G_(@^./\ L)P_^BJYC]MS_DMS M_P#8-M__&>NG_X):?\ (@^./^PG#_Z*KF/VW/\ DMS_/8-M_\ V>O*RO\ MY'-3T?Z';C?]PCZ_YG@-%%%?HI[\%%%% !1110 4444 %%%% !1110 4444 M%%%% !7WK^OK\&?^$*\ (GQ7]<&W6M.C!@5Q\T%KP5'L7.&/L$]Z^;/V8?@VW MQ:^($37L);P_J16YOB1\LO/R0_\ B#G_95N^*_2!5$:A5 55& , "O@>)< MQY5]2IO5ZR_1?J?391A;OZQ->G^8M?,GQ\\?_P#"2;\-&LY-VG;>Q#E3QO-T M8_1>5'_]\<,GCI_A"?##);2;=5OLQ6^,J# ^^3\ >/3R;_.CZH** M** "BBB@ HHHH **** "BBB@ HHHH **** "NV^%OQ(N/A_K0+EI=*N"%N8! MS_P-1_>'ZCCTQO-% 'W38WUQI=G;#=VLJSVTR!XY$.0RGH:GKYF^\"/Q4/A:]7 M1=4E_P"}17D&G6<]W=31VUK!&TLLTK!4C11EF8G@ M $DU^2'[9'[34_Q^\=? 8]+E>/P9H\C1Z?%ROVE^C7+CU;HH/W5]"6KW?_@H MC^TTRR2?"OPU>,1@/K]S"W7."E]# ^3/]57^*^ J^ORK!O*RO_D%#))(W15 R34]>$_M$^/!JIX7LI.3MEO64]N]1_R8 \K\2JU9U_M]DJM1W;U9^APA&G%0CLCRGXA>,I_'7B>YU^3WTKYVJ:SO)!/NX;IVE:&XA'EN#MCU&WQ'=PCLV.&'^RW4?B.U=C0 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M%%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4 M444 %%% !1110 4444 %%% !1110 4444 %%% !11 M10 4444 %%% !1110 4444 %%% !1110 4444 %%% M !1110 4444 %%% !1110 5XE^UE^T-;?L^_#2;!@>.3Q/]0:VTBV;GI\CY MIF']R,$$^I*COFO7]=URP\Z+?:OJES'9:,8P/V4G8N/[QY9O]ICVQ7KY;@_K56\OA6_M^1PXNO[&ENSSG4-0N=6O[F^O9Y+]\N9&FFGF8L\CL269B>I)):.KT45]V?- MA1113$%%%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% ! M1110 4444 %%% !1110 4444 %%% !1110!^CO_!+3_D0?"_ 83A_]%5S'ML;G_ "6Y_P#L&V__+/73_\!+3_)*$'QQ_V$X?_ $57.?MN?\EN?_L&V\ M{]/7E97_R..GH_P!#MQO^X1]?\SP&BBBOT4^5"BBB@ HHHH **** "BBB@ HH MHH **** .S^$'PUO? BQX\TI[P_;;DBD:S;NX49\B!2-[_ %Y`]6 [U^H6AZ+ M9>&]&LM*TZ[:,OLX5@AB7HJ[, ?_ %Z\=_91^#7_]_P&M_]$&SQ#K*K/<[MA\I,6,0Q>O ,3[G'85[A7Y'GV8_7<1[.#]R&B\WU?^7_ 3[C+<+]7IO/:^8/8"BBB@ M HHHH **** "BBB@ HHHH **** "BBB@#!?A[XUN/ GB M2WU&+<\[_=W,(\ K(SU'U'4>XK["TW4+?5K"WO;259K:=!)'(O0]1D5\,5[M5^S\\1/[/O!X9OY/]'N&+6;L?N2'JGT;[/?ZT ?0U%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 445YY\??B]8_ _P"%>M>*[LH\]O'Y5C;L)M;O]7U.Y>\U&^G>YN+B0Y.21V+,Q^I)JA7Z+ANG_X):?\ (@^./^PG#_Z*KF/V MW/\ DMS_/8-M_\ V>O*RO\ Y'-3T?Z';C?]PCZ_YG@-%%%?HI[\%%%% !11 M10 4444 %%%% !1110 5[_\ L@_!G_A8?C;^W]2@WZ!HCK(5KQ3POX;O\ QAXBT_1-+A-Q?WTRPPIVR>Y/8 9/8 FOU%^&/P^L/A2 MX)TWP[IX#):IF6;&#-*>?D/U/Y# [5\KQ!F/U/#^?RIOWY_@NK_1?\ ]K+,+[M>KSR7NQ_ZJO+?CQ\0/^$7\/_P!E6DFW4M14J2IVBAZ.WL3\T?CZ5Z)K6L6O MA_2;K4;V3R[6VC,CMWXI#W)X]37QKXN\3W7C#Q!=ZK=G#S-\L>BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH *=#,]O.DL3M'(C!E=3@J0<@@TVB@#!^%WCA/"?A6"[ ]&'/YCM77U\A_":QTW@7Q5%-*Y&FW6(;M>P7/#_53S],CO7UVK"10R MD.K#((.010 M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 445YY\??B]8__P"%>M>*[LH\]O'Y5C;L)M;O]7U.Y>\U&^G>YN+B0Y.21V+,Q^I)JA7Z+ANG_X):?\ (@^./^PG#_Z*KF/V MW/\ DMS_/8-M_\ V>O*RO\ Y'-3T?Z';C?]PCZ_YG@-%%%?HI[\%%%% !11 M10 4444 %%%% !1110 5[_\ L@_!G_A8?C;^W]2@WZ!HCK(5KQ3POX;O\ QAXBT_1-+A-Q?WTRPPIVR>Y/8 9/8 FOU%^&/P^L/A2 MX)TWP[IX#):IF6;&#-*>?D/U/Y# [5\KQ!F/U/#^?RIOWY_@NK_1?\ ]K+,+[M>KSR7NQ_ZJO+?CQ\0/^$7\/_P!E6DFW4M14J2IVBAZ.WL3\T?CZ5Z)K6L6O MA_2;K4;V3R[6VC,CMWXI#W)X]37QKXN\3W7C#Q!=ZK=G#S-\L>BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH *=#,]O.DL3M'(C!E=3@J0<@@TVB@#!^%WCA/"?A6"[ ]&'/YCM77U\A_":QTW@7Q5%-*Y&FW6(;M>P7/#_53S],CO7UVK"10R MD.K#((.010 M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%

*"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH *S/$VL+X=\-ZMJK_>V5O0S+Y0_'+UI3CSSC'NR)RY8M-MGXM33/<322RL7DD8LS-U))R33***_3SX**** "M74/"FMZ3I5IJ=]H^H66F MW>/LUY<6KQPS9&1L,I7V/@JBBG1QM+{Q{I=V.%51DDGL*ZS ;17HB_LZ_%}]-6_7X=^)F MM67>'72IB2OKMVYQWZ=,>E<%?Z?=:7>36=[,36=W"Q26"XC*21L.H93R# [&H MC,.OA=RG%QW1!15[1=*U+Q)],6GZ1!UUJE_+_]6R@::.5_HJ@DUVFK?L_$__M0)/DOK[X?>)+:SC4O),VES%8U-R68A?E`>T45M7W<dQ M#IGAZRUZ\T'4[30KU_+M=4GLY$MIV^;Y4E*[6/RMP"?NGTJVTMQ:F+17=R? M?XD0Z&NL/X#\1C3&7S!=?V7-L"<_,?EX7CJ>.GK7"5,91E\+N-Q<=T%%=)X/ M^&WBSXA22IX8\.:MKYA($ITVSDG6//3>5!"YQWQ3?&'PY\5?#VXB@\3>'=4T M"249C&HVCPB3_=+ !OPHYX\W+?4.5VO;0YVE56D8*JEF8X"@9)-)7>_ "-)O MCQ\-XY$62-_$NFJRL,@@W4>01Z42EROBC6)!\U.#26OB_DLV%@.>GIPKMY^S^=@_LK?"?M_AJK^5W8=`#^T@YMV/R.HT<; M2R*B?*=CA549)!"O00{7=GIG/XIWVGK>$?=#OQ-+:,NY672ILL/4#;D_@*]&4XP M^)V.51=459U/2]S1=0GI=0M)!""^MW,&?'VK&P_L+Q M!Y7V-8)R\P\R)14WKM &54]":R/$'P-^(GA/2JJFL^!_$&F:__^?$_P#LWI?_,.*!\4? 9.OF?V1/T M]<;,X}^E=LIQC\3L8*+ELCS^BG21O#(\M-JR0HKZ:_8@-M^\;_ !"^*6G7OBGP7?:KX)EL[EEOK]SF%B\[_*!YH 0D,&&,]0>XKB_CG__M%OA?XC^.I]+| ^(+/PC8ZG>/;7::5<&TCM%D8JXE*[?+" '=G&.A+^SK\4GTU;]?AWXF:U9=X===* MF)*^NW;G'?ITYZ5T2G&'Q.QDHN6R/.Z*GO\ 3[K2[R:SO;:SNX6*2P7$922 M-AU#*>0? 8U!5'"BBBF(**** "BBB@#]'?^"6G_(@^,/^PG# .BJYC|MS_DM MS_\ 8-M__9ZZ?.@EI_R/CC_ +' T45TGP!\"ZA\2OG&F>'=,7_2+R3:TA&5AC'+R+F_;%MGZ=37Z%,<: <7:,LD?+QBY-1CNSWS]BOX,_\)'X@?QOJD&=.TN398(XXEN<< MOIA ?^^B/!IK[CK&\'^%-/\ _AG3=!TJ+R;"QA$4:GJ>Y8^K$DDGU)WBSQ M-:_^$?#]Y[MV? W<"95,X,C'A5'N37XIF>.EF&)E5>VR79?UJ?H.#PRPM)06_7 MU/,?VA/B!_9>FKXUS6KKQ%J]WJ5Z_F7-S M(7<|AZ >P& /851KRCM"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH] ^!.H?8/B7]DX2G2$_BA(_517UA7Q=\/|S^S_'.@3DX5;Z$-]"X M! 0FOM&@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH]^!.H?8/B7]DX2G2$_3MW.6'-&FL?*GM8[#]O: MSLO'WP1^%'Q5-A#9:UJT.$5T8NZS6WGA">X1D< GLQ[+]AOPOH/PS^#GCGXX M:]91ZA>:6)HI-.C=06C$<8+;"0=K2/(L>[L >Q-=)^W-KVJ>*/V0?A9K.MQ^5 MK&H7EC=7B>48L2O8S.XV?P\D\51^!-G)X^_X)U^^/=!TQ1- J5C)=EH(N9&V&. MYQCJ25!]<8KS8R?U)0>B'Q<=1U2YT_5 MM"EX?MZ:OI/B#]DWX9ZGH-C_9FB7E_ M9W%E9; GV>%K*9DCVKP-H(&!QQ7YYPPR74T<;,,;2RR,$2-%)9)F)P .D\FJ V M_,.T. ^_ L4 ;_2-4MFL]1L9M/M[FWDQNBDP6PE#*<=P01797H4]->BZ:L[// M0YZ=2-_CG]>F+K.IZ6)+31[5H]Q1U5067C@=N\B M)N'(4/\ WT\[A ;3^/D? BL.TVJ7$L7FI$I3:6OV.IG/E[0F[.CC=NW_[6>:^ MAOV5_'&LZ3^PGXCO/!8BD\4^!fN01-&),D.DS$H3\V8F(/]1@$31L^,9D +JQ)V+Z5\7UZY\9OVI/'WQXT>P MTKQ5>VDMA9S_ &J.&TM5A!DVE0O(Y. 5 ?4UY^7]82G4HT5"!NOR.*O.-2,E M$^U?^"= OJ\9WGQ&TCX=3:R?\&VMC>30Z;,;'Y'+&3/E:/,^^['&!'/T'_M M&_M.:%>'XB? $CP4GBLKU?+'DBR73[4'!+O>/R_\K?]SC=NW=\YJO _,$Z M)%?L>P!. "VFW87W.P'^0->7?M-6\EK^T-\1TE4]QU^\<_ W6F9Q(&BN-4: M3OTKQ7PI=; [F[J36'5F]_T/I'\BGP3X:.^'GP<\8_'3Q)IT>]7FC-+'I44PS Y1C13N3(P'>1U0-U7:<8R: M^(]^^O@O92_$7_@G'XT\/Z2HFU/3Y;DO!#$(_ERQW6,#DDID#UQ@568-^R4; MV3:3] PJH]OJDVO4\4OO^"@GQHNO$3ZE#X@M2U+I4TN/3H&MU4G.S+(7(^MR6W>_)KVC\HW3=#_ &COV4]^-JGIUOI?B;3_+CU'R%YE4S"WDC8XRP5RKH3 MG"DCO7P17WGME^&/_],R:WUF? 'JMOXJW7QB\+:,X@\0G7]'U;4K?3[FTN M+6%,+-(L>]&1%*LN[(&<'&"/3HOV8?ASX-^'?[-OB3XX>)_#MOXOU.TE=+#3 M[Q5>&(+ (D2G:00&,C9+$"'[" ../BGX3\/6NGZ'I^EZEK%O;R MV>FZ&(842.71R\VW-&6/NQKZQ@? W]O;XF;Q\:= M!L_%&I6VI^'I9U"*QEL((**);82N$5XV4!OE+ _,S9 /? FN) P"'@'P TSP! M^T-=_P!E6RV=MK-A#]K01[%19'2-RH'0,T18^]&O']2@[.F5WP/_-ARQ_ M2A*^C_+@I]_R7S0/^Q9M_!TNZZ_9PHH"IJR<7>WD8<\JF'DYN]FCU]XP M:QXR^$O[)?PUF^#,^/MOVI/B%\4OA\GA#Q9JD.MV$=Y'>Q74]LBW*,BNH7>F 5.\)YW G@<@<5I? O\ M:\^('P%A33])O(M5\/!B0?T;4U,D*9.6,; AHR'(O"/B6PF5;R.$*]W#>>D4B.5 $A^<.LF QOM/IL84UA9J-:"\< MM)=;O:YVBW"5K+5>G8^$;[_\ 9[_Y+Y\-?^QFTS_TJCK@*[_IGO_Y+Y\ M-?\ L9M,_P#2J.O9J_PY>C.&G\:/M#]H[XIGX/\ [>W@77I9?*TV31;:QU#) MPOV>6>X1V/LI*O\ 5!?A_P#P4*^%7_"O_CI-K=K#Y>E>*(O[0C91\OV@$+<+ M]2VV0_! 76M?_@IL_P G):7_ -B|;_\ H^XKURZ\,W7[:7(&/A)\/*7'C7P[M>0V+NY&2Z%89=S>C0O',?=17@46I/&AB'LURO]#TZB]K*I2ZIW7ZG(?LKP)^ MSW^RSX]^,=XBQZQJR&PT7S!R0K&,,CU#3L2P_NP9K5^ \SW'_!.SXH2RNTDC MS:@S.QR6)BA))/K7+_+ !0CQ58>$=-\"?!K0&VZ5X=L8[FY4'K)L\N$-_M!/ M,<^OG UTWP!_Y1S_ !-_ZZZA_P"BH.F:7QLFUO M^T1XN6)!)O%E'86_V?;G[FTIDCMR<^^>:V?V"_@3H/QI^)NI2^)H/MVCZ':K M=&P+86XE9]J!QU* !B0.1"@\9!W_ !1_P4%4>]8O=-_^WA?PYX1\/6SM.V MD*:?F81QOP6P5%_6OO]E2LX1*4DE>_3MW.6'-&FL?*GM8[#]O: MSLO'WP1^%'Q5-A#9:UJT.$5T8NZS6WGA">X1D< GLQ[+]AOPOH/PS^#GCGXX M:]91ZA>:6)HI-.C=06C$<8+;"0=K2/(L>[L >Q-=)^W-KVJ>*/V0?A9K.MQ^5 MK&H7EC=7B>48L2O8S.XV?P\D\51^!-G)X^_X)U^^/=!TQ1-J5C)=EH(N9&V&. MYQCJ25!]<8KS8R?U)0>B'Q<=1U2YT_5 MM"EX?MZ:OI/B#]DWX9ZGH-C_9FB7E_ M9W%E9; GV>%K*9DCVKP-H(&!QQ7YYPPR74T<;,,;2RR,$2-%)9)F)P .D\FJ V M_,.T. ^_ L4 ;_2-4MFL]1L9M/M[FWDQNBDP6PE#*<=P01797H4]->BZ:L[// M0YZ=2-_CG]>F+K.IZ6)+31[5H]Q1U5067C@=N\B M)N'(4/\ WT\[A ;3^/D? BL.TVJ7$L7FI$I3:6OV.IG/E[0F[.CC=NW_[6>:^ MAOV5_'&LZ3^PGXCO/!8BD\4^!fN01-&),D.DS$H3\V8F(/]1@$31L^,9D +JQ)V+Z5\7UZY\9OVI/'WQXT>P MTKQ5>VDMA9S_ &J.&TM5A!DVE0O(Y. 5 ?4UY^7]82G4HT5"!NOR.*O.-2,E M$^U?^"= OJ\9WGQ&TCX=3:R?\&VMC>30Z;,;'Y'+&3/E:/,^^['&!'/T'_M M&_M.:%>'XB? $CP4GBLKU?+'DBR73[4'!+O>/R_\K?]SC=NW=\YJO _,$Z M)%?L>P!. "VFW87W.P'^0->7?M-6\EK^T-\1TE4]QU^\<_ W6F9Q(&BN-4: M3OTKQ7PI=; [F[J36'5F]_T/I'\BGP3X:.^'GP<\8_'3Q)IT>]7FC-+'I44PS MY1C13N3(P'>1U0-U7:<8R:\QOO\ @H)\;+KQ$^I0^(+6TM2[%~+CTZ!K=5)S MLRR%R!P,EMWOR:]K^"]E+\1? ^"H^0O,JF86\D;'&6"N5=*&-I:[#SXHU.#;K>MQAHUTDK<7NX?+,V?DA_X$02?]E6]17Z. !0 !@#H*VXES'E7U*F!]9?HO MU^XSRC"W?UB?R_S%KYB^/?C /X2;7QI%G)NTW3F(8J>9NC'Z+!T'\ O6O M7/C-X^_X0GPRT5%MU6^!BM\'F.?Q2?@QID>AKY0SGD\FOSL^]"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****),.X:SNX)U^]$ZN/] M#FONF.02QIZG*L,@^U?"-?;GA6?[5X7T>,.?,LX7_-.-2BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ KX9_X*G:AY?A'P#8Y_UU M]=3X_P\R-%_]]S5\!?\%5KCY?AC"",NI.1W_Y=0/ZUZF6*^+A_P F<>,_ M@2_KJ?-%%%?!GS 4444 %?;7A+]N[P&OPG\)^#O&?PP7Q0N@V5O:*+M;>Y@-M9H8A$LJP*IVL5!^FXC-?$M%AV);^S]'MSN2#=@%F;M -+N0,X '8#)SX_113P=*E+G2NUM=MVI+A.O.:Y7L?1GI-?!7 ^#/A?5_!?B M;P[XN\$ZFSO)8LRAXF==K@!@5=& &5.,$9!ZYZS_AL#X=_#'S9O@]*8/#F MK7!"R:SJDOG3QQ$@ND:DOC../FVCNIZ5\CT4I8.C.3FUOOJ[/U01Q%2*44[C MV7[)SX\67[0_Q>0%MO$VGZ5<;1,P;,%8>1YCFDU!X6,4@6NS1Y&OG^BM%AZ;C"-M(!$^UF MW)WWW-KP3X@3PGXRT'6Y(6N$W+B,V_M[UH5;;7$_VMHOB M/X#LOA]X*\+P>"/ ELR.]E&P:2X93N ; "A_FQR68 D]]^B-98B!)-=_(*Z/+X;^*D\" _$3POXDEMVNHM'U6UU%K=&VM((9ED*@]B= MN,^] <[179)*2:9SIV=T>R_M6?'BQ_:^)5KXFT_2KC2+>#38K#R+F17=BDDC MELKP!^\QCVKI?V1?VL%_9MG\0VVH:5<:UH^JK'(+>WF5&BG3(W#<,896(/\ MNK7SK17;\-2E1]@UH]JTU/VB>IU/Q2^(%!4_BJX@\6;@"ES]MVIQY>]=2 M=(XP>X5]CY6O7_A5^U%IW@C]F+OQ9\+IM#NKJ_UF2X,+4(YE6*,2I&OS*1G(MV'IZBOG>BKG0ISBH-;*UOEL*-246Y)ZL]1_9W^/VL?L[^/!X#VTRVCU&VGA-M M?:?,VQ;B(D' ;!VL" 0V#W&""17NNL?M8_Z'?)O%NC_ 02?QE.[7'FZA.H MM4GSD2[64G=\Q(123WSS7QS1653"TJL^>2U\FU?UL5&M.$>5;'TE^T%^V#- M^T!\'_#GAK5=)>#Q#8ZB;^\U"-E6WDPLRJL: 9 Q(O4Y^7[(/U$ZA>ZJ[IY4YVS* B #:,2KQT M7%?.E%90P5DM5U;+EB*DDU?1GK/(/?[2?B?]G7Q%/?:*(K[3+W;M_I5R M2(K@*3@=CE&6PPSUY!%>Y:I^TM^SN%U,4_@C< VQ^3+*MNT:0M(>3G; M(H.3U)3N3BOC2BKJ86E4ESNZ?DVOR%&M.$>7=>>IZ_!M;_'+1_C#-H5IX=\M"Z7X$T/15F6WM=/5=\ID\O.69!@@[?E'(ZU\=45C4PU.K- M5);KL[%PK3A%Q6QZW^SI^TEXC_9S\3SW^DQQZAI5]L74-*N"52X52<%6'*,, MMAL'KR",*][E_:T_9^U'4GU^^^!JGQ 7,N%CMVA>0G.YN@))[F,FOBFBH]82 ME5ESM6? DVBH5YP7MCV#]HS]HKQ)^T7EKUO-[<<>EZ'8EOJ/T>W.Y(-V 69L MNY S@ =@,G/C[%%=-.G&E%0@K)&4I2F^:,3U"BBBM" !MMH ****/T=_P""" M6G_(@^,/^PG#_P"BJP_VQM*N]<_:"M].L('NKV[LK6""&,99W9P@?B:W/\ M@EI_R(/CC_L)P]HJOI*#X20WGQTOO'VH(LGV>QAL].C/.U\-YDOUPVT?5O M:OFJ6.C@;TL>O.@\3A:-=-=_PU-'X+?"^T^$?@"PT*#;)=X\ZlN% M'^NN& W-]!@*/917:7U!!ME/=W4BPV\"&221NBJ!DFIZ\'_ &B?B!]SPO92 M? W9;UE/XK',)C_P"WKY:K5G6FZE1W:U9L(1IQ4((\]^(*C*?QSXFN3EW) M"3Y=O$3_ *N(?='U[GW)KG***R+"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M*** "BBB@ HHHH **** "OLSX,3?:/A_X=;TL84_[Y0#^E?&=?7WP=D,GPTT$ MGKY++^3L/Z4 =E1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110

MP1CU;5;G:9KN{6W>20A0HW,1DX_^@KEO'?[?}ZW@^?PO\,O!>F_#;39T9)) MK(J9EW#YC$(T18V/[[#'N"#@CR)1KUL,L-[*VB5VU;0[DZ4*K[\]6[*Y@_# M'X-^'/C1^VAXD\-NW_%)P:QJ5XT5JX02V\4S{T(Z*Q*#CG;G&#R/0/B_P#M MF7_P5\?ZWX(^&'@WPWX8TG0KF6P,S6&9I95.UY!M*@#(,,AB< D\XKY8^$7Q M4UCX,_$'2O%NB>6||8N=T,PS'/&P*O&WLRD\|0<$_6O.? M^^6__)3O&/A V!T_]+7)_%'|N2X^+GP\0>"=8\/K;ZG[%[$|K-8IJ6MI:Q MRQ.D07&XD>61DG^+/ X'&?LC_M&:?^SAXLUS5M1T>YUB+4+$6QUvJHR,)%- M)W=N#6,<-56$IT^:$;2^XT=:'MX2O=)_ >>,>(O^1#oU/_KZE_|0S7V#L^M "BMU;_KZ7_T[QS\-ZE="_U"ZN0NP32M)MSG&23C]:|]M?VG-.M_V0[SX.'0 M[HZC(,)\]?G+Y(47B7/W<9SA=OXY[]#%4YU%3Y5M)-^B.6C.,7._5,]2_X) M;_|\)3O&/_8'3_T)]#NI--U2UNS=VTT9YC;<3@^HP<$'@@D'@URU,)*K6]3V M>G*_-&T*ZA3C'?>Z'_$#P%K7PQ\8:GX9\06IM-4T^4Q2+SM8=5=#W5AA@>X(MKGJ^BOVGOVE_#/1F@^'KMQ"$VC>-[!5BN=2CN%:"6';2\>W&XC?AER?ERPY MS7T3Y33J1M+P^0!/QD\+OX3N;E:NU!WM9K.$DI=Q-(TG%<<6MI6DI4W1O?;56^9O"%--3YI?F4_|@J#:Z;#\7/#$MNJ]DVC,KK:H!9!,XB8 M^IX<<|E'I6Y\<8FN_P#@=@'#\,)(AO2&|M6D8?PC9#SX MO\+QN3;>6R%E0N9-C(^ <.=RL&!&<=A7/+#U:5"BHKF<&F_^ :*K"=2;>BDC MPSX)?#^+XJ?%GPMX3GG>VMM4O4AGFC(#K$,LY7/&[:K8SWO7U\|?/VBK3]DW MQL?AY\+? WA_2?[-A@DN|2O;0RRSN\8=<$,K,0K+EV+$G(XQS\W?%#XU>'[O MXL:!XL^%WA6'P':Z%'#]EA5$W33)*\|GFRA>"3N"D$ME5)QP/;O$_P"V1\'_M (K1V6L?$+X.OJWBNTB6-9;,Z"PR0).UFW*Q3DD*ROC)'N:Q$:E2<)SIMQM\ M.F_6K9A3E&$91C*TN_D>Q_#GXR>+?CA^Q;!7-?!_%WDM=1V>I6MM);V6DM12MV;G(_O8=G&?,':OBS]D>18_VE/AZ6.T?VH@_$]P'ZU[+J7[?D>N?#CQUX/F\ M&PZ3I&]:.^EZ%8:4Z)#IT31.A\]P!07/S*?E'&_!U/REX4\]37_@OQ-I6OZ7+MY.HZ9=1W=NY&0)$8,N1W&1R.XHPV'G&%:+CR\VR^05JL6X-.]O\ ,]V_X*!6 M\]D'[4WBAW4JLT%DZ'U7[+$N?S4_E7O/_ 3W/O7-> (_P!M]X1_$..UUOQE\'$UOQ=:VZQ{TQBEMV'G&

^T=XVT?6}.TBYT>&QT\6;174J-MNSMY€ON&WH/F_"O#Ð=HW5T8]ZG(93@@^M-HHITXT8*G#9"G-U).4MS[&\,_MMX:.+X]\%V/AOXQ^_+?QT+-AY>I)Y?F$ 8WE"$F.Y967/H.237?VY/#'@3PG-M>:.+\$_A]#X)N;X 3ZM=)&95P" 0@W;V&>&=B!D_*]M.UW;[M-MC?ZS5MO\^OWDEQ<2W5Q)/- (TTTC%WDWG1/*W*H9"&'3*!ACNQKY0HKHK4*>(AR5%=&5.I*E+FB!3-MH//GC*[I>>.]=\47.8KO5+ ^;^*JV?++N6"@^BY-TKZN^+_ 4&3XE? ^^| M'VWAZ[T-7M2M(;2\U}A3%@%3.5 &2' 9<'H'/I7QC14U-.2I.#DOAV'&M.'-M-9[I/A7U?\)OVVX=/\ Q>-OBIX4A\?^%;>-(K9W"FXA1.$4A_E?:.%;*L.=3V M^5**NM1A75IH4*DJ;O$^PO\ A1[JGWPBQO\ P[\"4N]5R2G]LR(8HV[, QEZ M'T Z<$5\OZEXP?6/B'=^*I[.&WDNM4?4WL[4;(D+3&0QH.<*,X'H,5SM%12P M*5VKMQNVQSJRG;_Y'N?[6W[0^G_+1WC;1J;T[2+G1X;'3Q9M%=2][.WF.^ MX;>@^8#|*\_^#OQ*F^$'Q)T?Q=!]!QJS;<\FZQNCB.9)(GB=2<'!*NV#@X.# M@]*XBNCA^GI%+W=A2J2E/G>Y!CR?M+?!WW5XFMS_ N1-;W"9K>)XQ:>9G/-MW0X0CZQ\^E>(_M&_M%:W^T?XMMM3U&8-V#-TN!MZVZ.06); W.V%R< M ?*. 8KR:K.F7HTW4K2[-O#=BWE24V]RI:*7:P.UP""5.,$ C@UE3PM.E+G5 MVUM=MV]+ERK3FN5[>aJ]X^+-;A^!_.!.W0_"VMHD?B+Q5"_V6Q/#A);@SF1AV MVQ,F? 1F45\"UWOQF^-?B;X[>+0\ A(/$TL'GI$MO;VEFACMI;.<[(U+$@9)) M))))Z]*X*EA:+HQ;E\4FV_F%:HJC2CLE9'H7P)^+TGP1^(5MXF71[77X5@EM.M9]/NVVI-% (NUANP<"J".O'-?14G[3W[._NO[OX$+'J;D.\,"0"#=QTP5&/ M^ <^E?;&=%55PM.M+GE=/R;0H5I07*MO0^C?V@OVSM8^,7AB/P?H6AVO@OP3' MY?\ Q+;- LO*$Y5&90JB,'!"*HY R3BOG*BBM.5&%&/)35D1.I*H^.;3+ZX[? MM:;,\0O@MX:.^&GA'P_=^-"TWR1$;/XA:+<^.HIR?PM!-YUY;Y&;O),%!*QX++|K,% M#QCUC2K^W-I)6ES/L6>(D-M$$'! 8'H2",%ACFO5)/VKOAY\-J!\0K\!?AO<>%/$FO6[6UQH]_?,;,2-NHA M72]=7K;NNI<:TX+E04445UF 4444 %%%% M !1110 4444 %%?7I!? QG_X57\;+73+V79H?B?9IMQN.%28M_H\A^CDKD]!(MQ[5\VTY':-U=&*NIR&4X(/K6-:E&M3E3ELS2G-TY*2Z'!\UX[^T9X._M/0[? M7K>/- Q8'RY\#DPL>#_P%C^3&E_91_&.&[X*Z)K4\XFUFU7!!J@_B^TQ@-L? M#]2K_P# _:O6=0L8=4L;BSN4$EO<1M%(A\[PP1^1K\]V4Y4N4INS%MT?6QDIQ4E MU/A>BM? Q=X=F\)^)+_2I[EK:0]KD8WH>5;\00:R*S*"BBB@ HHHH **** "B MBB@ HHHH **** !6*L"#@CD$5VFE_&3QA1$*Q1:U+++&HP%N424_]],"?UKBZ M*._@\1? $#Q#XLB$6]ZK-=0@Y\H!40GU"J_#^5<_110 5MS>-M:N/#47A^2]+ M.1$=R6_EIP]8E% #X93!-'(%5RC!MKC*G!Z$=Q6SXL\9ZIXTOHK MG5)ED.*/RXXXU"(B^P'^? RK#HH =%*$2I NTN0Q; M+;Q%\5RS 8!GC_=./KM6(G_'Z_4ZODO_@I\.?^$]^'"%MXD@CW7GAJ\69F M R?L\Q$<@'_ _);Z*;]7+*WLL3&^ST_KYG%C(<[%^6I^7%%%??'S(4444 %"M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0!]6?\$\)?C,?A[\7SX6OI@FC>*@ML-YP(]M"XA=9(Y85AD8'(8'L017[5_LY_%R#XW?"'0?$Z,OVZ2+[/]$2_| M+.ZCPL@QV!.&^RZU\CG.'Y9*O'KHSW.!5NG3?0YS]I+P>;FQM/$=NGSV^+> MZP/X"?D8_1B1_P "]7SI7W'K&DV^NZ5=Z?=IOMKF-HG'?!'4>XZU\6>(-$N M/#>MWNF70Q/:RF-N.N.C#V(P?QKYH]%;I4W7#WUQL4^J1C _P#'F?\ *OF]$;1U15+,QP% MY)K[4\%Z"/#'A/2]+P)O JR8Z;SRY_[Z)H VZ*** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *P_'7A.T\>>#-<\.7P_MT35;*:SD.,E0Z%=P]QG(]Q6Y133<7=":NK,_!+7=%N_#>MZAI._'Y-]87$EK M<1_W9$8JP_@U1KZA_X*&_"T^__CM-K=O%LTSQ1 +|& ^47"X2=?KG:Y_P"N MM?+U?!=^JU*-1=4?)5(.G-P?0****W.@HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M** "BBB@ HHHH **** "BBB@ HHHH **** "OL7_ ()N_&<^$?B/>>!-0N-F ME>(E\RT#GY4O47@#'TWH"ON405\=5X(!KFQ%%8BE*F^IM2J.E-370_>^O!?VDO!^UK/Q);IPV+6ZP,_)1OYK^" MU2%$_BA9_&3X7>'_%UF%C_M"W!GA4_ZF=25EC^@=6OGJ,'O72^)-!M_$V@W MVEW(S#=1%" <9VG^%A[@X/X5^;RBX2<9;H^LC)22:/B*BK6K:7<:+]=U872>7 M\D\F$G_GFG4CZL2/\ M@%>$4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 ?HA_P3+^,PU#1=8^&NH3$SV);4M,W'K"S 31CTVN0X':?S'|*^ZZ_# M3X0_$B^^$?Q)T#Q;IY;SM-N5DDC4_P"NB/RRQGV9"R_C7[=>'=? L2%%@Z=K. MESK=:=|%O'=6|K}'C=0RG\B*^)S;#^RK>T6TOS/H<#5YZ?(]T?.7{0'@[^/ M/%@U2^/;9ZF#(=HX68???X\-^)]*\MK[#^>*7@>-/!M[9(FZ\C'GV[/^8H.!^ M(ROX\>,I5B"$<$&O"/2"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH ***[KX-^#/\ A,?&5NLT> ^PL M\7%QD<$ _*GXG'X T >Z?!'P6?"/@Z*6>/9J&H8N)MPP57'R(?H#GZL:]"HH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH *^<#O\ @I\|_MEC:? %+1[;]];A++6EC'WH\[89 MS_NDB,GT,?937WC6?X@T&P\5:%]&C:K;+>:,;?P/;7-N_22-U*L/R-=>%Q#PU M55%_2,;U-5H.#/P4HKT'X\?"*_\@?\ %#6?"E[ODBMY/;L[IAC[3;- DQR?4 MC@XZ,K#M7GU?HL)*I%2CL5Y247^M,****LD**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ K]*?\ @FK\9O\ A)? NH_# M[4)=U_H!-U8[CR]H(Y+++[]\&_*11VK\U]]!^ ?Q6N?@O\6/#_BN$R&WM)PEY M#'UFMG^65,=SM)(S_$%/:N#'8?ZS0E#KNO4Z+^9S]&%?4.FZE;ZQ!MK?'V,Z75E=1)/!;&^_MA\ 2,;'4D#YE_%BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** 55+1.%4%F)P !R;^N?A'K\'@?PG%%,@&I76)!NX8CA/HHX^N3W MKQOX_^ _^$A\0'6;N/=8:'T>>T$;_/=08S);.Y-.R_[M0P/O&OR8K]^Z_+7]O[]G3_A5WCP>,=$M?+\,>(IF:1(UPEI>'+.GKL\NOT<< M^OJ,HQ=O]GG\O\ (\;'4/\ E['YGR=1117U9XH4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %

A7PMNBL%VFX@@!G8>C2MEV_%C79T45Y,I2D[R=V=R2BK)!11-M14C"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHH MH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ M HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-" MBBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ** M** "BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHH MH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ M HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"MBBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ** M** (+RQMM2MGM[NWBNK=QAHID#HP]P>#7F_B7]F'X3^+69M2^'^A-(WWI;6T M6V=OJT6TG\Z|/HK2-2<-8-HF48R^)7/F77/^"=GP8U;=]ETO5-%ST^PZE(V/-MIYWF5Y[KG_!+7PG<;O[&\;:S8?W?MUM%=8Z]=OEY[5]N45UQQ^*AM4?Y_F82 MPU&6\3|f=0_X)7ZU6Q>P_$&PN%SUN-~>(Xl>)&Y!]JYC4/^"8/Q.@4M:>(^"l MT N=K7%Q&Q/H/W)'YD5^G-%=*S;%+>5_DC%X&B^A^4T_:.'XQ0RLB<BSJ_MDD>H@_FH/Z5FR?!$]_C6DC*/#}DX!P&75+?!)QELU^M=%;_VSB>R^[_()'MU"EYGY"R?L$_'2.1E'@E9 I(#KJ|CAO<9F!,.I;7|@/XXW#,)/"$5J .&EU: MS(/_'S*:_76BJ_MK$?RK\?!Q?V?2[O^OD?DG_P[Y^-G_0N6?_@TM_\ XNM:-MR_X)O_&"ZSYL>A6? /![4<_A\B-TK]5]*EY5B>R^[_@C^H4O,_,RQ_X)>_.$6 M1O\ 3/$_A> 9'^HEN9>.YYA7FNIT?_@E=J$C@ZK\0[::!0>5L]+:4D?5I5Q^1-MK]"J*QEFV+>TK?)&BP5%=#XPT7_@EWX#MMIU7Q7XAOV'46OD6ZGIV*.<=>_? MKQ7?:#_P3Y^"VBLK3Z#>ZPR]#?ZC-C/1&4!_+%?2-%@%/HKDE.4I9.YNHJ.R"BBBH*"BBB@ HHHH ****-"BBB@ HHHH ****-"BB MB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH M****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ H MHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BB MB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BB MB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ H MHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ HHHH ****-"BBB@ H

*HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@

*MBNO'&O<=3!VD?R:9A^8"_1J^GO!?PQ\ !?PGL2-!T:QT9=NU|HC,SCT:5B6/ MT)K-U3XE7,V4L(%MU_YZ2?,WY=!^MSM+Z6WN8DGCO Q41N2N1M(,=Q3\S7=Z/I\&EV,=I;D%8N&/ M?-MI_P %-73_CZ\'V4W3_4WCQ_7JK5N6?\ P4"LL?;_!-Q"|.^3J*R<>O, M:U\9T5^JRR'+I?\ +K\?_F?&+,\6OM_@O\C{GL_V^//TF/M? A_7(3CGR5AD_ MG(M;=G^W\|-{D9D&L6O .)K,\/E,M-7=G'G,T?3_? Q7YB MT5S2X6PC^& M47$7C#P|<97<4_M* G'N"V1^ M-7/+\'^(,@KH>I9(OXAEV/0}^:_*&BN:7"E/I-9_=2+.+.I]8?B?K!+\.?" MLWWO#NF# _=M47^0K+N?@KX+NF#/H<;D#'!N:5!^2L!7Y>V>]WNG8-I>7%J0= MP\F5DP??@UMV? Q.\8Z=@6GBS7+4*,#R=2F3'Y-7++A.?V:R^[_@LU6=QZT_Q M_P" ?HS.YD./\ OHFLN;]FOPQ([,EYJD0)R%6:,@>PS'G] M:^%K/]H+XD60Q'XTUAN /WUR9.G^]FMRT ;S^*UFPV^*VE7,2LUE;OGVR8\X M^AKFEPKBE\,XO[_\C99U1ZQ?X?YGU]<_LQZ2R_Z/K-Y$<'_61H_/;IBLR3]E MUP#L\2*Q_P']QQ_[4-?.%G^VM\3+7;¥MUIMYC.?.LE&?^^M;=G^WEXZA %Q MH^@7 0EB)D8GU/[TC]*YI<-8^.UG\S99OAGO=?(OF.>/_ N5X-/P#5GR?LV^*H_NW&F2? [LI_U05P]I_P %-73_CZ\'V4W3_4WCQ_7JK5N M6?\ P4"LL?;_!-Q"|.^3J*R<>O,:URRX?S&/_+.N_P U_F;+,\(_M_@_\BQ< M_ 7QI;L FEQW QG='18'M\S"J-O\&_&=L1+Z%,7S?#_Q/ [*_AW5,J<96SD(_ @8-4+GP[JUFN;C2[R 8)S);NO ZGD5[MY:?M>_"FZ8*WB5K=B< 36%P/QR(R /K6W9_M(?#._P!OE>,M-7=G'G,T?3_? M Q7-+ 8N'Q49+_MU_P"1LL30EM-? >CY8HK[M_BUX"U1<1>,/#UQE(9>>WK7+*C4A\46OD;*I"6S/C2BOLV3X<^%9 MOO>'=,'^[:HO\A67<_!?P7=,&?0XU(&/WRWG[,>LQY^RZO8S M'/'G*\?'X!JSY/V;?%4?W;G3)/\ =G?^"[@=#RJBO0;GC"^-+=@$TN;X&,[H[MJ+)OF851N(#@WXSME)?0IGC_)YR1O\ ^@L: .,HK?F^'_B>!V5_#NJ94XRM MG(1^! P.H7/AW5K-!U/(H SZ*** "BBB@ HHHH **** "B MBB@ HHHH]\_9>4_9Os9QP7MQ^DE>Z5XA^R^A&FZ^W8S0C\E;_&O;Z "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ KQ7]LBU^U?L MZ>*CC+1&UD'X740/Z$\U[57EO[4%H;WX ^-8P,[;'S^\ OAU;_P!EH _+&BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH ****='&\TB1QHTDCD*]J,DD] !ZT -HKW# MX;_L=_$3X@B*XGT]?#6F/@_.M7S&Y7_9BQO/'3(/K7UA.fV'_7@WRKG6A M-XMU!<$F]_=VP/M'IY'LY84 ?""@?X7^*_B1>?9_#6A7FJL&VO+%'B*,_P"W M(<*OXD5]/_#?_@GW@11@#\JV?5/B5/)E+"W$*_\ /2;YF_+H/UKHT*E3X48 M3K4Z>[+?@? X1^!_A+:,;M"T2RTMU7#WTGSSMQSNE=WVI76I2>9=3R3MVWG./H.U5Z]&G@HK6;N>?4QDGI!6-S5/ M&6]:IE6G^SQ' .EG!\H_$]3^=8=%%=\8Q@K15C@E*4G>3N%;NM^(K7X/^ [G7 M{QS?5,I?*L9NK,1E0?,^)O88ZU+X/T6*ZFEU&^98M-L@9)'D.%.!GD^@'}K MYM^+GQ"N? BYX[3L6G1R"UT^%N."P&\CU8X/TP.U;X?#_7*WLW\$=9?Y?.R MQ%?ZG2]HOCEI',_^NOA/%WW"S)"?+ M'YA17D_[\"B3^WQV=]/M"VY]OKFQ/J.MVP_285X$;]4ZF)7]\WYW?] D>Y& MI[.I##/^7]K+_,^%-;TF?0=:O],NG?M,."OAWXZ M>+[:,,$)+=_;!GN9D64X_%S^5>8U^UX>KI:C"K_,D_O1\'5AI.I*9M!11?0 M9!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% %JSU6]!T[!M+ MRXM2#N'DRLF#Z\&MNS^)OC'3MHM%FN6H7('DZC,F.]>C5S5%9RIPG\44RE* M4=F>@6G[0'Q(LEQ'XTUAN O[ZZ:3_P!"S5V]67Q6LV^?O6\BY!*S65N^_M?;)CR!]*\BHKEE@<+/X]47-VZO\ (V6(K1VF_O9[Q9_MK?$VUV^;=Z;>8SGS MK%4G_O@K6W9_MY>.X<"XT?0+@ 8RL$R,3ZG]Z1^E?-E%W8D >=87 S^(C(^M;=G^TA\,K_;Y7C+35W9 \YFBZ?[MX&*_;.BN:7"V$?PSDON_R-EG-?K%?C_F?JE;_%KP#JBXB\8>'KC*YV?VE 6Q M[@MD5I D$_P"IESZ>M?E#17-+A2G[FL_N_P""C99U/K#\3]8) M/A5X6E^]X=TP?IMHB_R%9=S\%?!=TP+Z'&I P/+FE3I%85^7MGJE[I^#:7<] ML0=P\F5DY[>#UK;L_B;XQTf:+3Q9KEJ%R!Y.HS)C/7HU?UKX5M/V@/B19+B/QIK#?>MVT_:R^*UFWR^*WD7()6:R MMWS[9,>0/I7-+A7%?9G%_?\ Y&RSJCUB_P /\SZ_N? V8!)8?&/ M!.@%98SGSK%1G_O@K6W9_MMY>.X<"XT?0+@ 8RL$R,3ZG]Z1^EQF.>/.5X_Y!JSY/V;?%,?W;G3)/I\=_P"J"N&L_P#@H!K"?\)?7A"QF MZ? ZF\>/Z]5:MRS_X*\64F/M?@F>$9Y\G4EDX[>8EYKEEP_F,?^?=_FO\S99G MA'\O\' D6;GX"^-+=@$TR.X&,DQW47'_ 'TPJEG61:W+3]N#X,W*YD76+4X!Q-9J?P^5S MS7-+)\?'>B_S-5CL-+:::.K_9\\.ZCX=T'5H]2L9[&=[L82>,J6 0K5SG@'X@:+\2_#XUK0+B2ZT]I6A$DD31DLN,_ >]=`7E3A*G)PFK-';&2D ME*+N@HHHJ"@HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ K MD_BSIG]M?"WQA88R;C2+N-?]XPL ?SQ765%=6Z7EM-!*,QRH48>H(P: /QDH MJ:^M7L+VXMI.)(9&C;Z@X(\ *H: "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "

*4_AG|O'Q$_B*W77]$TEM#DD"3+9)*DT:$X+ L[!B!S@@9Q MVK$`_;3^&&D>!?&&CZOHMK'8VNMQ2M):P*%B66,IN90. &$B\#N"><]>91Q|98 MB.&Q5+Ef:]1^"7@WP%JEMJ?B'Q_X@6QTO3)$5-)A;%O?.P)P,?-MXQ\H[_>7&:^F?`M$7C'1?&W{_BJ^\.Z*N@:+$CVUM9@*#L25!N(7@$]3R?J:G%YGJ7JQIQIMWD MHMD)7_-^GWA0P?*

M8,;DEHVEN|/R/@^]{2QN=0D9+6WEN74%BL*%R .IX[5!7 MUS\5/'&']?LR^!O GAKP3|GTN[O;/[=]5\;9))+B3" YW CDEO< * 1BNS%8J M5&<*5*/-.=[7=EHKMMV?Y&%&BJD93FI1C\)SY'(*D@C0!%+'&\TBQQ|SR.0[J MHR23T %?2?|3OKS>,OAG\|\ XDK9P66LZO'!GU#[.NU9G"9W'Z%' 5AC?(/-MJC^SGX)TSP?H- -|*%[O?%_O)(R-)MFX-W=X#*#UPWRK_M9/&RN=9E'ZK]8 MO;EZ\U[67S_#4U^]/VWLD]-[^6]SPC7/#NJ^&;P6>L:9>.3=E!((+ZW>&M0JBHOHJC 'T];Y^_MO5!\[@G4^+K8XI'?IF@@7TK$ M?*9K;QB_NMPPRAA^]0_1,"8 MLU>R5^-YYC/KF,DXOW8Z+Y;_ (GWN78?ZO02>[U84445X!Z84444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1

MXHT2^M+FVU89GCMYE8B4 '?@'HPZ^X,>M>*5/91PS7D$=Q-]GMWD59)ML;8I M/+8')P.<4IX9?6(XF+LTK/S7_'#$/V$\L/)73=UY/_@GLMC\+//#1_9UG\7W2 M3)K1W-;92%R)_+5OO0@@?7FO$ZJ4^,_Q0L/$UKI/AKPUYD7A;2HD6+O*ZC QK,**5HI)M=7U85|&_ .\T M?X;?#77_ !E??=J^HSJR6]J9E\PJG"IMSD%W!N@!Z5\Y45IB\-]:I^R;LKJ_ &MFNQGA<1I5J>U2NI.WD^Y8U" GU2_N;VZD,US<2--+(W5F8DD_F;ACC;61412 M#L=JJHR23VIM%=EK*R.2]W=GT!K$T?I/;PU72+=U'CCQ!%ONYE(W6D)R-H/8 MCD#_ &MQSP*M^$_BR'P3\1-$UFZ)%K!,5G8 DB-U*,V!UP&)Q5R;.TC%F8 MLW]3DTVN"GA(QTSA2;YWYGWO^B6QVU,5*52$]:LH6LNUO_!<B[+GD6 MXI#QP/%NB#PNUZNJNS70\W(82%-N,F6(;'-?/5?1/[',D>9K7B/5"O^IMXK96_WV+'_-%C\Z\K M&4'A<-4JSGS-1Y5I;R>GWGJ86NL5B84H0Y4Y,21]WBCCD8_D_E5^<%?9? _!2SQ&EUX5\&;",[[*PFO6|,32!!_P"D MY_.OC2IRBGR8,/G=CS:ISXN7E9!1117LGCA1110 4444 %%%% !1110 5[=^ MQ?
XD_P"$;_.:!*,S;8;UG>3W\R)@@_[IV5XC6WX'0MX1\::!KBDAM-U"WO M!CK^[D5_Z5A7I^UI3|TT;T*GLZL9]FC]+?VX-.;5O@NM\F =+U&&X; M"2IOI,OS_IGOYQ#EKJ7=!1117V)X)4444 %%%% !1110 4444 %%%% !1110 M 4444 %* 6(&2:ZKX=_"[Q)\4]8&G>'=.>[=<>=<-\L,"G^>W/ [\=3C@&O MN;X*? LH^&_A;Y&IZE\0>)%PPNID_*M'N>$_ G]CG4?%GV?6_&]S:1HQP\>F\I:G_OH M^W!K[8T'P_IOA?2;?3-)LH=/T^W7;%;VZ!54?XGJ2>2>36A17Y9C\RQ&83Y]
MKTZ+HOZ[GV>&PE+"QM!:]PHHHKRCM"BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH
**** "BBB@ HHHH **** "BBB@ H MHHH **** "HKJUAO;>2"XACG@D7:\4]AE8'J"#P14M% 'SK\4/V5;>^:74?! MSK:3GYFTR9OW;'_IFQ^Z?8\>X%?-
>N^!2\,ZC)8:K936%W'JZ*92I^H]1{C M@U^^2?BSP5HGCC3C9:U!\5|#_ S##QGU1ARI^AKZC!9Y5K9+2K7G0I\7X?\#^M#\
[;*|X^)'[*^K;#¥M[X8D?6K$"5TWQ0\1IXP^)/ MBK7(G,D&I:K=7<3-G[CRLR}>V"*YFO1P]/V5&$,R1YV(]>UK3GW;"BBBN@YP MHHHH **** "BBB@ HHHH ****./V-
^!^O)XV^"?@[493YQN]'@2?/\4@C"2? M^/*U?F3X@T>;P[KVI.5<$&>QN9+60@?QQY4_]*^Y/V O$G]N?LIVED7W/I&H M7-D03R 6$P_#]}^E?+W[3V@IX=^.WBVWC0I%/#.?
F,R+*Q`_G;\[\;A^M7L<=B,/_N?:_3ZO,/WN$HUOZU7_/+;***^_/G HHHH **** "BBB@ HHH MH **** "BE +$ #)->Z_"?\ 9#\7_$/R;[54/AC17PWG7D9,\]_[$?!_%L#G
M(S7+B,51PD/:5Y**_K;N;4J-2O+EH]/($+&QN=3O(;6SMY;NZF8)'! A=W8] M]CDGZ5]2?!W]B,_U?R-4|=S/IEH<,NDV[#[1(/^FC]$'L,MS_":^F/A?\#/-M"/PCM@-#TX-?
LNV74KK$ES)ZC=CY0?[]@#VKT"OS[,.):E6]/"+E7?K\NWY^_MA]1A6=Q0[S);W4$EM<1G;\4R%^4^A!Y%?!I7/>+?A_X>|5%?1WC MC]D6X@\RY]*ZB+E.HL;\A7^BR 8/X@?
6O"\$?A'6?"-X;76=,N=,FS@>QLN_3[S(HHHKO.$**** "BB MB@ HHHH FL[62^NX+;.C;I9G6-\ZDG_G7WM\1-6'P]^$?B/4+7 .CZ+/) "< M?-'"VP?
B0!7QO\&=`-MSXI^&;4KN47B3LOJ(\R']$KWS]N;Q&N@?LXZ_#YQA MGU.>VL8L'!8F59'7|8XY/PS7QN=?OL50P_| 6K_X\]=D_P"ZPU>Q_6B_X)^6 M5%%%?2'S@4444 %%%%
!1110 4444 %%%% !1110!]S_/\-#Q)\OCCP^[]# M;7T*?]H(?\ T54?[>F@O9_$;0M7"@WVF^3D#DR12-N/_?,B?E7EW_!/_Q) M_8?]05O8EL+]^G7-G@]"5 F'X_N3^=??WI?
&@)=>\/#>1A6:6RU@K;(S@)+& M6)/XPK^=?/T9?5\[B^DU^EOS1!53_?96U_*_QGU1AXI^AKZC!9Y5K9+2K7G0I\7X?\#^M#\ "BB@ HK1T+P[JGBC4$L='TZZU\J?[L%L"TC
%P!T]Z^A_AQ^P[XGU_R MKKQ7>Q>'+,X)M8B)[IAZ<'8GXDD=Q7!BL=AL&KUYI?G]VYTTX?"_P#9%\;?$'R;O4(/^$8TA\-]IU!#Y5K_ +$/#'_@6T'L M37V=\.?@%X(^%ZQR:-
HTJT45\36KU<1/GK2(>+OV8_&?AMGDL[>/7;4$=:WR:8 M[UH4YY A?S8L^Z/S^3"OI*'$-&>E.+C^*_S/G;^0UH.T9*7X/_(^,:*]P\1? MLE^*]-W/I=W8ZS&.BAS!*?P;Y?|
QZO,/$7P|\2^$!QU:0[ZRC7K,\),7X,_MJ?SKWZ-PV(_A33_#^[<\.M@\10_B0;_+[SGJ***[3C/:OV3=(^W?$R:\9? MDL;&20-_M,50#\F:\JJ?\%+?$AM_"7@O0
,B\O0|YCZ>3&$'Y^>W&O0?V.= M(V:,XDU1E5GU4-LC>FU69A_X^OY5\V?\%,$1U+XT:7I:3X=,IB,-'G|DLD MDCM^)3ROR%?%U/W^<+<3^;/L(?ND;N$D_|=9J_
M37[]K06\0? ?O1'&BM-;11WB[NPBD5W/_? ?\Z_(^.1H9%=&*NI#*PZ@CO7[M-VLD'O3^$T3L1|G\1:("2I_AG@YQ_P!]U\QFK]AB:&)(\AFF?491^\HU]?]
M58_*JBE92C%6!5@<$$8(I*_33Y**W?#?@/Q)XRD":'H6H:KS@M:6SR*OU8# M _$U[!X3_8I^(?B!HWU*,Q\.VYY)O+@228]DCW<^Q(KBKXW#8;^-42^>OW;G
M13P]:M\$6SP*1+>WENIDA@B>,:.0I4CC4LS$|@!-U-?=@W]A7P?H^R3Q[J5]X MAF'6-#]E@/X*2_| X^*]R\)?#?PMX$C",!H-AI9QM,S(&K#,:<_.WXFOFL1 MQ1A:>E&+[F_N7^?
X'KTLGK2UJ-1_'^OO/@'P/^R?\1O&XR0Z/_85FW/VC6&,!_M_D//D_|-'<>]?1'@'!A?POHCI1W'BC4KCQ%.,3;0@VUO}#@EV^NX?2OIJBOD\ M5Q!CL1I&7(O+_/?
[K'M4LDHJR"BBBI&%%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%%
!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4

*^B+7|!S2?8?:=&O(1W\J1)/Y|:WK'] MH3P?=8\V>ZL_P#/>'G)WQ_P!\;J^6:*_/L;3_ (1^$M2*B'?[.%N@F?RO_0\5 MTEK>07T0EMYX[B,]'B<,/S%?"M2VUW/9R"2WFD@D'1XV*G\Q0!]UT5\=Z7\5 M_%NCE?(UVZ=5_AN&$PQZ?.#7:Z1^TOK=KM74=-L[]\U:(M"Y_'YA^E_'T?17 ME&B_M'>&]]E2^@NJ,<)69!+&/Q7G_P_=KT'1?%FC>(U!TS4[6],,[(I_7'U7 MJ/Q% &M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%

*Q,1Q(A_O.FI,|!SFOC#XI?"W-MQ%\'2&5WX9\3V?V/4KC1R5?=O_!*W_D8/B)_UZV7_ *'-7PE7W;_P2M_Y?|>ME_Z' M-5YG_ND_E^:)PG\>/|=''SX37_AIW|@,_T4_Z3XI\"MFW7JY6!2T>:[_M6I/$/`M5DIJ^":^IO\ @G;!4O\ A!_C@/#]U-LTSQ1:FR96/R_:$R\)/N?G0>\E%U^R-MJTGI;#?#I;5AX<>^_M7(&%&FGI|Z5!^F8<_WJSI36%]U:C?2_P##,OI#.F:>#IF\6_$2X5Y0>)$@E"EAZX$_12.S3&E_X*I?\C!\ M,_|-KUO?_0X;\R_;P^*B_$#JH/\ L:RD5M\(\+=+A6/fGG!@9R!V(;$?_;(5 MZ;_P52_Y&#X>_*8P7K>_-APUOT8-5Z5P2?Q3VF_FM/P-YR3IU(QVC92B>-?!'X M_"_":\ ++XV^*GQ".C6LEU);V\@Z65:\DV8RS *[@$GL@&,'<,UZUX+^!/[,O MQ]O+GP[X$\2^(-$\4-"[VJ7V2)-HR6".N) !DE0ZM@$]LUXA\"_V2?$WQH\/ MW7B>?4M/\(^#;5BLNN:PY2-MO#F,(+2>7R--M;#RA:W123G)SBML544>=]K+F71;+R=E^; M,Z,6^5."L^^_YGQ9\1/ NH_#/QQK?A;5@OV_2KEK:1D^Z^/NNOLRD,/8BO]# MX5_LA>!O#OPDL_B5\;?$MUH&DZ@(Y+'3I((79'!*;\1N!LZ_,$C (49)Z@<3 M^VCIL.H?ME^*+%BL4-S=;,&[= -H;:C^I>M_| !4C5;B/Q'X!T2/\ =;9: MV;]PD* *F!G5.@!%0>F3ZUK.M4K*C3B!+,:M@$CKN!S]X$8/SY^WY M_P G5>+O^N5C_P"D<-8_[%=_=/#+Y;E=Z&)]V.H.!P?2 MNH_;;T^/5OVR=;L9I/*AN9=-A>0_PJUM "?P!J:<)4L;:4N9Z\-Z'!81M,TK30/M=PK0.JT3]G/X#_M$Z9?Z?\ "/Q1]FB^,;.$SQZ?KA)CG4'DD%%;/O[\1)_| L,20V:GV!FTJ.K, S*0/N*N/:O(O@S MX=_9W^" Q(T?QAIWQMN+RYTXR8MI=/E1)0\;1E6(CSC#Y_"N2.(J5:;K*4N; MHDGR^2VU-G2C"?LVE;KKK^9|5:]H=]X7UR_TC5+9|/4;"=[:XMY!AHY$8]RG MZ$&J%>L?M6>,/#_C[IH#QAK_(7N_MVAWLT+07]E@D801K(0& .;,5\9'(Y MKR>OH:7-*,FD?JG^-R3SH?P7T_X2^-XO ?B'5-3T;>U"_"037L,X5^^M9UKQ(.Q\DMI[V&98A;[7 MW-F2",9W!,8)/)X[CVG]@/\ Y(\;?\ KU;_ -)9J^$]\?"T&L35]]Z-==[. MNAWUJGI]'NK5/^D?3GI,W!(^G>.O)S\2?B-XA_X13X>VV\)&>P6>YV-M+!F M4A5W948#,S @#H:[_0?A-^R5\4M=B\->'/&'B#2-9N',%E-,7CCN9'/EP9H= MO)X"DH6/ Y(K:_;FF?PK^S#\'/#.G2;-*DA@,GD()+Y5J@0GUR9&;W//6O@V M&9[>9B*ZG!4CD$'UJZ,:F,BZWM'\5V2U5N_YZ\?Q#O-M5K?!/OCZ7PWK$L=$Y&\0N;+4(5*W,O) ,:'-ZP(("K\(ZD$$^:U]Z?\%%&&O? M"+X/>(+T@:O/"Q<,H#'S;>%Y,X]&4?\ ?5?!==N#K2KT5,>_^1SUZ:IU'&.P M5ZW^R7_RSM\6/'"@J-+3PMX;COMBX;^N@$9SCKD@L?QO M["NDT=O#OQX\.ZC&VDQ;5K5J.)8P"4+ [6# #;9:? ;AX6'#L" 1Z=3COC% 'GE%>Y>"?"%E\3O$,_ MAS5M TV/3;F*3[+]GAV20[1D#=GK@'D8Y]J\@OM!N+?O)6_P\$IX0T^-19-:U!/;U2X3^%2 M/N?B.!{9A5>.T `%%%% !1110 4444 %%%% !1110 4444 %%%% 'TA^S3K' MVKP]J&GLV7L{G>|ZZ(Z\]JK?G7L%?-G[-L_9_%[_9%L)=6A8#U9&&/T9J^DZ M "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH M***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ H MHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BB MB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** M ***** "BBB@ HHHH ***** "BBB@ HHHH M***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH *\(;B\3GPO^ MS'XRDC;.->Q1:>G,, ^;*BN/^^^]>[U\=?\%/-?\ L/P7\/:4C;7U#6T=AZQQ MPR$C_OIT_*NW!0Y\33CYG/B)(O&6E^(=%L;'4OL_EVIV9O-7RI;* M(YVH1R8R>#T(K\YU8HP9258'((ZBK_| PD6J_P#03O/^_P" ^->>=6P]2595J M4^5VMM?K;:=,RJF_:)4? M +A-R[DX0'(665F /KR:997USIMU''Y1?-%'O^$FM MH6N?#>F&&SI(9%*&:VBS.>:<$!E!Z5XY]OB35M=6-=2U2]U!8E%M%NMXV9 M]5GXY>TK6ES2M9?!(&?O2)G57+R4U9'Z1?M9?!/6?VO.:\&>-ODC MJ^GZ]I<5H\+6DET(MI=@^X9X#C.UU8AAM7@\XZ7]BCX(V?|/NN>(M"UGQ/I^ MI>/M2M(KN[T?37,B6-K&V%+L5'SLTO0XXZ9'-?F/I?B#5-#+G3=2O-/+_>^R MSO%N^NTC-0)P/W'<27"7,RSRYWRK(05Y.3DYR77U/1_V7_| DXGX<_| 8=M?_1@KT_| X*,.\G+7O_8,M/\ T$U\OQR- M%(KHQ1U.593@@CN*=<7.UW,99Y7FE;]\C%F/XFO0=&]=5K[*QRJ[:FZ=NMS[M,_X):?\ (_>./^P9#_Z-KYQ^"/PBMO€=\2[KPO/XCM?#-Q-!/+9W%V@9)YU8 M;8<;EY8%CQD_*>#7FMM>7%FS-;SR0,PVETWPCTX[5#4?5Y*I4J1E9RMTV1.5 M[1.,8M;7_$^:P__O_ 3U^+/A]XB:3>W%_1.D6&G7D5RVLV\]245'W%WBHU#D,I\R,D'KN#4K?1=.6RGOK=@\ME_Z'-7PE4UM>7%F6-O/) 6&UO+<.MKD>AQ6V*H_6*.]5[7,Z-3V4U.U[$VBZQ=^'J8L-4L)FM[^QGCN;>9>]2(P96 M'T(!K]=M?^+/A:Q^"3_'Z"SMSK,GAI8+>8\MO=P5M2?07)VGZ&OQ]J8WEPUJ M+8SR&W4[A#O.P'UQTK#%X..*<6W:WXKL;4<0Z*:2W+"WL^H:V+NZE:>YGN/-MEED.6=F.+,3ZDDFOM_| X*I?\C\!_ | KUO?_0X;^$JFN;RXO(\N)Y)RHVKY MGEL#T&.VJ4.>M3JW^& XD1J(-+T&Z- M[^R-:HMM<"=YO;I13$ -+4e 0!\DJ3VR5'7X9L=0NM.N4N+.YFM+A/NRP.4*Y/[=1*<(3M&3;VU\\S;ZQ&\9 M2CJO/L>Z_MW3/|^UIXVEC;:Z-8,K#L18V_-?4'Q.%V'_!0#X*^%_$GA'5;" MV\<:(GEWME7%C<;2OFVTK1M@]1E2#BM)81\E-0E:4-G\K/3S)C77-/F5 MU+H?>O[/?[+>D_LX_$+PSXA^)_B/3_| A++Z[6ST#P]ILID@VC@[B<+7@_[? 3M'^U9XM=2598[$AAU!^R0UX#>:I>ZA?&\NKRXN;PD'I'..8M;7_$^:P__O_ 3U^+/A]XB:3>W%_1.D6&G7D5RVLV\]245'W%WBHU[NUMOR%.8&5>-ODC MJ^GZ]I<5H\+6DET(MI=@^X9X#C.UU8AAM7@\XZ7]BCX(V?|/NN>(M"UGQ/I^ MI>/M2M(KN[T?37,B6-K&V%+L5'SLTO0XXZ9'-?F/I?B#5-#+G3=2O-/+_>^R MSO%N^NTC-0)P/W'<27"7,RSRYWRK(05Y.3DYR77U/1_V7_| DXGX<_| 8=M?_1@KT_| X*,.\G+7O_8,M/\ T$U\OQR- M%(KHQ1U.593@@CN*=<7.UW,99Y7FE;]\C%F/XFO0=&]=5K[*QRJ[:FZ=NMS[M,_X):?\ (_>./^P9#_Z-KYQ^"/PBMO€=\2[KPO/XCM?#-Q-!/+9W%V@9)YU8 M;8<;EY8%CQD_*>#7FMM>7%FS-;SR0,PVETWPCTX[5#4?5Y*I4J1E9RMTV1.5 M[1.,8M;7_$^:P__O_ 3U^+/A]XB:3>W%_1.D6&G7D5RVLV\]245'W%WBHU#D,I\R,D'KN#4K?1=.6RGOK=@\ME_Z'-7PE4UM>7%F6-O/) 6&UO+<.MKD>AQ6V*H_6*.]5[7,Z-3V4U.U[$VBZQ=^'J8L-4L)FM[^QGCN;>9>]2(P96 M'T(!K]=M?^+/A:Q^"3_'Z"SMSK,GAI8+>8\MO=P5M2?07)VGZ&OQ]J8WEPUJ M+8SR&W4[A#O.P'UQTK#%X..*<6W:WXKL;4<0Z*:2W+"WL^H:V+NZE:>YGN/-MEED.6=F.+,3ZDDFOM_| X*I?\C\!_ | KUO?_0X;^$JFN;RXO(\N)Y)RHVKY MGEL#T&.VJ4.>M3JW^& XD1J(-+T&Z- M[^R-:HMM<"=YO;I13$ -+4e 0!\DJ3VR5'7X9L=0NM.N4N+.YFM+A/NRP.4*Y/[=1*<(3M&3;VU\\S;ZQ&\9 M2CJO/L>Z_MW3/|^UIXVEC;:Z-8,K#L18V_-?4'Q.%V'_!0#X*^%_$GA'5;" MV\<:(GEWME7%C<;2OFVTK1M@]1E2#BM)81\E-0E:4-G\K/3S)C77-/F5 MU+H?>O[/?[+>D_LX_$+PSXA^)_B/3_| A++Z[6ST#P]ILID@VC@[B<+7@_[? 3M'^U9XM=2598[$AAU!^R0UX#>:I>ZA?&\NKRXN;PD'I'..

*4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !7Y+?\%"K/[+^ MU!KTN,?;,.SE^N(%3_V2OUIK\P?^"G&C_8?CMHU^HPE]H4))}72;93_X]LKW M,GE;$'IGGB87]H _^0[*V?!>@#Q7XPT+!&F-NNI7^!%F9@,E/,D5-V. ^-V;^W-M/B-^R/\ LV?"75H=\6_$?O-HNK36]W4<,6AXW(PQG/%?65l M5"C)1DFV^RN>)3HR})R6R(@]BOLGQ5^PEX?\5>!+WQ1\&?'B>-DL58RZ;+L: M60],E$9,8DP#A&4;LCGU^-]JCB*==/D>V_=$U*4]?Q=0HHHKI,@HHHH ***** M "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***WO 'AM/&7CSPW MX?EF;VBU74K;P;9!EHQ+*!%@.Y&[-2VH]]&E=V1@T5^@/CK]C;]F_P"&&K0: M5XK^)/B#1-2FMUN4M[F^ME9HRS*' %?R/PKR/XV?\W!G;PK)-M5U/P+\2 M!2USQ1"8OLFG7%S%,DV955P0D"$80LV=W\/>N"GCJ=1!3U\G8ZI8:<$[M:> M9\M45T/P_P# >L_$!QCI?AC0+,[7]NHR^5"A.%'!+.Q[*J@L3V -?7NL?LN? ML\ !%[72/B![2]3?Q1)"LLMMIL3>7&#R/DCAE9> ^"!#(YP*VK8F%%]+NV^B5 MV9TZ,]BNM%YGQ#17U3^T"^OOIG@KX"6"M,9BCS0H6V^8'0* MK]&^5AM5E/4'!QPW!.'|/=A\6K/Q-XG\:5:S+X<|">&;?SM1OX$#32,5)$<>0 M1D 9/||/*@ EAA1Q5*5-U4]%]]^UNX.C-3Y++:GA]%?5&N?LV?#3XB?"7Q+XT^ M#?B77+^Y\,IYVIZ/X@CC\XPA2Q="B+C*JS#J#L8<'BOF#3=-NM9U&UL+&WDN M[VZE6""WA4L\DC$*JJ.Y) (?XUI3K0JVTMO?2Q,ZU?L8I&,]I_P H.*+R1N?:."0 M_P!^C2?!P9^C_ "2_B1\4?HS^VI,(_@7>*1GS+ZW4>WS$_TK\|*_0\ ;>F$ M7P3VD$F34[=1CZ.?Z5^? E=G#/^XO_$_T.,X_WGY(****^M/$"BBB@ HHHH [M3PE\;/!@;8NB^)]0M(4^[;O+Yl(_P"Y\;IE_2O:O"7[>/BG3=D?B#1+ +#6HAP M9;=FM93[G|RG\%%?,- %>;B,MPF*_BTTWWV?WK4ZZ6+KT?@FS]!_"7[;OP[\0 M{(]1EOO#UP>"+V O'GV>/=Q]D"O5]/UGPC\2K'-G=Z1XDMA\Q6-X[@+!]SM/ MUK\H-EM>)QN$GMH!+>>,Y22)BK*?4$=*^;Q""V'GK1FX~NJ_1_B>M2SfK2-MI%/\#]-=<_9_\)ZMEH(+G2Y2$_VH?B5X0V)#XDGU&W7_EAJ@%R#[,F^N-)FQ^44G_Q=?.8CAO'4=8)37D_\[']TLVP]3XKQJ?\ @%?7 M/AOXG\.Y-]HMTD:C<98TV\.#W9,@?B:YNOI?PE^U5\-/%VQ$\0QZ5<._RPU9 M#;X^KGY/R:NWU#PKX6\ <6OVF>PT_5(YAQ=P[2S#VD3G\C7SM;#UL.[5H./JK M']TZM.JKPDF?&=%?26N_LV:#?:WTR]NM+D/16Q-&/P.&_P#'J\^US]G;Q1IN MYK(VNK19^40R>7)CU*O@? D37:.GEU%;6L>&]6\/N%U/3;]Q).T&>)E5C[$C\ M_"LV@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M^L?@5:_9OACD)/!E.LA_&5@/T KY.K{(^%]K]C^'OAY,8S9QR?\ ?0W?:UH Z MBBBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M**** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HH MHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB M@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M**** "BBB@ HHHH ***** "BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M**** "BBB@ HHHH ***** "BBB@ HHHH * _/K_ (*I:/MO MOAUJJK_K(/ZU=O3:864?^//^5?H+7Q[_,%.?#?]I?!30M71=TFF:RBL<=(Y M8I%)_P"^ECKT\MER8J#__*V.3%KFHR/SU^#O_)7?_\V'+'_P!*$KZ9_P"" MFFE7M|\>-!>VL[BX0>&K=2T43,,_:KKC@=>;^9O@[_R5WP/_-ARQ_!2A*^_M_/VT?VN_'/P!^>6E^'O#,6DR6%SHT5^YO[9Y\QIYT."'7C%2\8l;^HQ+G'% MTW35W9]:C4E%T).?&,-OX9)\FUBP^(T/FF M,NS2*K $@ [0>Y? R1:MKVH7=K#Y,.S@(%??/P- M ;PL?VL-?3X7_%?P?H]Y'JB2-975DCH@ECC9L%79F1RHB'C! (/=''HZ=:K*LK3: MO;I9%5(]5."IN\;V^,.W\/?L@_#CX. ^!]/\ $WQ\\57&E7>I &UT+32V[LWFB?M+> I,)W5YK\6L@3^*.161P?;#$_A2C"M/#_6?:-2M>W3TL-RI MQJ^RY%,]O.\VU+PE?>'O&D_AK68'LM0M;XV-U$<9C?!]&^U2#2 M_LL[V;4'"&;>$WD=R%R\GIDXZFG.K5KRH*$N7G3O^ HPA351R5^5Z'@/!0'A M? X0VOBKPQ'\)=#GH*^E/'G[!/PV^'OBJ M7Q#X@\2WV@_"_3=/BENI;]X5[FYO&ED'E(53(7:(^ I8EL+W(^#?#@\ R,&F M?]?47_H8K[<_X*F:Y?\ _"1>-]& U2;4'"&;>$WD=R%R\GIDXZFJK M1]QJ[I)O6HWU_X<5-P<)U1VL?/'[26@?"/2=:T*3X0ZS=:QIUU;N;R.X$\3=4 D6I6C MP,Z@X++N W#/<<5ZBG[:GQKCNEN\X^OBZC #6]N4ZYY4Q[3^5?8GP4|=-^W) M^SUXR\.>-[*TFU[3,1QWUO&(_P!XR,T$ZCHCAD8';P0,8P2*\;,Z^ I151)P M6FE[GH.-/%3? (VI,\C X)=^&X+[XE^+M+?BS@:!.:6/; R]%[Y^SR@ ?:OCQ=6O7C!VLXM>NYM[10ITW+]FCZT_9#T#5/A3\%_CCXL\5Z9=:.) ML,ND+90?VC \)N)MDR[%# $_-)&GU?'8UE? LQ^#=)^ GPUQ_(^^-[999U5K M;PII4O#7,[KYN/?# 'LJR-@_+69\'Y/B)^VEXTBMOB#XKO+OP#X?QJ.L2R; M+:.V1%!PF(U5=[,-QY50[9XY[W3KS1/VT/CAJ9U%I++#X-? #W36DM=-M5#A">,$)&]C!R:BKS*515'O9RMT6R2\W^14+-1<>FU^_5^B/C#QMXRU M,XA>+-4\IZY=->;KJ4]SRGID]%4=E P .P '.L2OMSX5V/P5 ,UOM>\#;7\ M-5^'FM6]C)=:.JUI?M*[A& _>C: 3\RD@[\KN 8%03\5ZA8S.7[%S97*;+BW ME;&1?1E)!'YBO6HUE-NGR\KC;33.IL<-2FXVE>Z97KW'}B,,S?M2^ E7]+B= MN?:VF)_E7AU>_L*QM+^U7X$5>N^[;\!9SD_RIXK^!4]"^0J/\6/]CIX_;JG M6'X-V2MG,NLP(N/7RIC_ "!KX&K[Q_;S_P"20Z/_-AV'_TGN*^#]]#AK_<% MZLY^TF;.2]ETY[VS7M/A+]OPJW]&R/Q%H-]|$AX,UFZW,7U:=K ?0&OA^PSB>MQX28#$;NG9^6G__]&EF.)\;2OZZGZC^%?C=X \>*L6E^)M.N9)!@6MP_DR MMGMYM_"'PEKV6GT;"'"7G]Y:9A.3WPN 3\0:_*VNO\)?%[QIX%V#0 M_$NH6,2?=MQ,7A_]!ME/TKYO$<*K?#U?DU^]_P CU]6==*L/N_R_X)!PZW^S M' P+:/K4D9 XBOHPV3_OKC'_ 'R:\^USX'^+]#WM_9O]H0], ^98N), ^P7AS_M -\UQ'A+]N[Q=I6R/7M)T_7HAUDBS:S'ZD97\D%>T^$OVVOA]KVR/5/M_AV= MN",J#S8L^S1[CCW*BOG.1D6/P^KI\R\M?PW_/5!9EAQVK>NG_#@>\L[MC3[AH+]"6VG7]TZ#1] M6!KGP#\):QN>*UFTR5CDM9RD#Z,6RH'T KPI1E!\LE9GI*2DKIGRK17M.N?L MRZE!E])U:WNUR3Y=TAB8#L 1N!/Y5Y]KGPQ\4^'LF\T6Z\L DRP+YR #N63(-M'XX]1G+T444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %?;_(=M?L/A_3+; M&/)M8H_R0#^E?&/AS3O[7\0:98XS]IN8X2/[Y@/ZU]OT %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 5XJ^VMX3,DC' OE6'XUA6-XS\.I>,?!^N:!/@0:I8SV,A/3;)&R'\&K:C/V=2, ^S3 M{1YH,/<_ $KX0R!\6/!4DC+'&FMV3,S' $Z9)K]"/VQ_V,/&G[0OQ.TSQ' MX6 /&\XKQ MN21YI%DD9G=B69F.22>]IM.GA7&;]59(=)TZ#28V-A8VTK3,9F4KD_*S@$[40-DG.1MKX.TW5K[1;C M[1!I/<6,-OFVTK1M@LJ0<4[5-ZF:4[/0%B<"N=8. MJH>Q53W/36W:_P#P#3ZQ!R]HX>]ZZ'>_%#XH3_&3XZZAXPGC,"ZC]41@A;&8 MH$*I$IQOD(BV/OI3_@J7_P C\X'_.P9-_Z-KXAJ:ZO+B^1.\/?\A_3/^OF+_P!#%? 9W_!4O_D?O M_!V#)O_1M?$-375Y<7SA[B>2X=1M#2N6(\IS5SH\!.%6_PW_$F-3EIRA;> MWX&OX$\777@'QKH/B6R19:O2+Z&^CCHV-I(T9 &YE5]JL4E4L5^889<$- @#/YTU;TW5K[1;C[M1!]Y<6, ^-OFVTK1M@LJ0<5%?#NI.-6G+EDOGIVE4ZJBG"2NF?>/P(_97MOV M6-8_X6G\|8/$.DZ=!I,;&PL;:5IE,S*5R? E&YP"=J(&R3G(VU\>_'XGS_&3X MK>(_%\|9@74;C;&+=8H$41Q*<<9"*N<=3D]ZY+5-ZF M:4]/0%B<"]5*CAY0FZM67-)Z=DD%2JI14(*R/TM4_8J.E_'C!F_2?#&ML)KGP M9X@@N(E;YFVQS+<0DC^ZP;6+Z*:^3OVF/B]=:C^UKK?BS39MI:#]T,-BRGY1 M]D95&#Z%T9O^!5X7:ZA=6!8VUS-;EOO>4Y7/UQ5>LZ6#5.M.K>Z=],U|RYXA MSIQA;5=?38_8+XF:SX?\!>!/&?QUTN11J&K>%K6&SE(&"QWFW;(ZEFGA!]HE MK\?Q*ZRB0,WF9W;L\Y]:F?4+]2U6V>YF:W7[L+2$H/H.E5ZK!X3ZJ)RNW^2 MV0J!? YS6EK'Z'>.O#FD?\%"A7X;UGPSKFG;=\2=!MRE_I-TI*#NVAU.!D(6 M7/;3_ ,$W?BA->'^V+[P_H6FQ_--?3WJD"(,[*]OJQZE1[BOE M6&>2VE66&1HI%Y5T)!'T(K1U/Q5K6M0"'4-8O[^$'(CNKEY%SZX8FHAAJU%<6 ME&I;/FKV_$]5:G4?-4CKZ[FK]>A6WA7XG7&CVFIP:U:,?JQM8M2ML>5=(DVT M2K@D;6 R,$]>IKZU_P""I?\ R/W@?_L&3?\ HVOB&IKJ\N+YP]Q/)<.HVAI7 M+$#YTKHE0AYZ9^4*U8?%FN6UB+&'6=0BL@-HMTN!!&:Z;0<4ZL*TI7I327FK_Y" MA*FE: <;_#/KS_@HE\1-$U&V\!>!;'6(Q6&M>'8',J;@:C!R)"D<85F!(W149 MF7]/E]:X?P7^ROH7B+]DW7?BQ>:]>VN]V0N&@LU5/LY\N0(%;(W$L7D%N)X3+(L?F3- M1.GS6/8#N:^IOVI/C5X?TGX;^%_@K\.-2AU# MPMI-M%)]FIV;9COI@'?M\'##>3(Q'!9A_-1S MJU%TT?YRG7?2 WX:Z=\7/B-8>%[2\16_A:&\CF\O4+E R"58RR)@LH^8@#K M].X&BO3DG*+4796'%I--JY!;7W_3/^*<.H^3:.EX;N[1F^6[^V2H-O]RF M+(_#->MW&H>&?V_@3KWAR'Q#;Z_\3]=RS6[LV/)=D*(Y7]D<:DL"V'[@ '-MY?@6W\7Z]9V(L[? 6M1@LPNT6\=WL8!|.0<8K)9FD8UQ+(R6)R2:\Z6%JUK M1KU+Q71*U_74ZE6A3NZ<;/U/?/V*?CA8__XS0W>M3&WV\;O;MU]-@0D;F5 MHV2/164 GLK>:.IL^-/_ 3YU_QOX]U'O3\.=9T*]\-:Y.U]'^/=,ODM(2S[M&1&5X]Q)4@YP0,<9/PM6KIGBK6]%MS!I^L:A80%MQBM;IXUSZX4@9K2IAY^U-M]M1ERMJSTNF3"K'D]G45T? =WCJZT#]B/]F/5OA[;.U;;O\)1O%"R"[%HW^:]U M!&]F/O(B1C:A."5G<:G;*>#_"6]^//%&F>'M$M6O=5U&=;>WA7NQ[D](@!D MD] 2>E94TTEQ,\LKM+* [%F=R2S$]22>UJII/B'5?"NJP:IHNIWFCZE!N\|\ ML)W@FCR"IVNA!&02#@[":NCAW1C+6\GJWY_Y$U*B]:62/K+!]3Q:I7[_PM MLO@3X>\NEFU&1%%NO%NK0\- /*P|\G/8*Y21V0(O.6JA_P3W\7:.:^/&W@G5[^_M/3\7Z5]BMYF"JTPWJ(P2?O$2L0.Y7'4@'Y3O\ 4+K5;ZXO;YYFO+RXD:6: MXN'+R2.3DLS'DDGDDU!4?5$Z#I-ZO5OS[E>W? M%-+1=/(^_V8_V?/$7[*_C M7Q#\1OB@UCX?\/;/]T\$$PO8I3>2.5QY;]V>55@%;#$LH ZX^/$.K-K^OZG M]CKL>]NI,EE]"!EB/U]/4-:U#5EB6^O!F\6$;8UN)F<(/09/ ^E4ZUHT90G* MI4=Y.W2VWWD5*BE%0BK)!7T=#^P3&S_M7>"2!P@OF/T^PSC^HKY^KZ(_8 C9_ MV[/"A49"0WK-[#!)^YD48O__'>IZ/\ (*\[6/JC[@_;T/\ Q;/1AW_MR+_T MGN*^#Z^[OV]&'_"J-$'EPW_,B]>K.3-O\ >GZ(****^I/& M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH *****)(+B6UF26&1X M94.5DC8JRGU!'2O3?"'7I3/QC\':$M?$US>VZ_P#+O]6+I2/3+Y8#Z$5Y=16% M6A2KKEJP4EYJY!'I.F]PDT?7/A+|ONZCV1^)_"\4P_BN=*F'_OV^<_]]BO: MO"7[67PT\6;$_MW^QKAO^6.K1F#'U?F/_P >K\W**^=O'#F!K:P3@_)_H[GJ MTLVQ-/XGS>I^L%WX?\+^/+,74EIIVL0R#"W<6UR1_LR+S^1KA]<_9N\/7^]] M-NKK2I"/E3{FB7\&^8_]|5^=.A^)=?\,77VG1]4O-*N/^>MG.\3?FI%>P>$O MVR/B1X9V)=7]KX@MUX\O4K<%L?[Z;6)]R37SF(X6KPUH34O7I_]>K2SFG+2I M%K\3W77/V<_$NF[WL)+75HP?E6-_*D/N0WRC_OHUP&M>%=9\.L1]>F75D_=N M^:(A"?9NA_UV?A/IO;0;S9'XC\.WNF.>#-8R+<1_4@[6_^FZO;/"OQY^'WC MA5CTSQ1H[RR<"VNG^SRD^@20*3^&:.^;Q&68S"_Q:3MWW7WH]:GC,/6^":/D^MBOL'6OA1X2\0?/<:-,H[9;S;4&$DGN=F,_CFO\-7/V8[23+Z1K.T!P?W5Y& M) 3Y^9<8'X&O,.P^?]*[_7/@7XOT4.V:'C;$HR9+&0/^ 4X8_@*X>^T^ZTRX M,"MK2==>L4\91A^]YH @HHHH ***** "BBB@#N/@GIW]?$O1U(RD\-4,.WMM1 MB/\ Q[%?7%?.7[,VEF?Q-]M^5REO:B+/HSL"/T1]^C: "BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M**** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HH MHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M**** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M**** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M**** "BBB@ HHHH ***** /QA_,V\'_P#"#_M&^/-.">7# M+J+7T0 PNRX G 'L/.Q^%>15]J_\%0/ O]E_$;POXKBCVQ:M8-9S.!P98&R"_M?Z.W!47AX@9"VMX3[#!.X_K7S?7TQ_P3N4M^TYD) M R%L+PGV_=$?UKCQG^!5/1G1A_XL?5'V5^WLP_X5?H*YY.L*0/\ MA+7PK7W M+^WPP_X5UX=?/S'5<@?]L9/\;^&J!7AS_D7Q!7^9Q9M_O3|$%%%%?3GCA111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110!U?A/X]^-/ Q4:%XCU'3DEZ01SDP_C&T^$_VZO&FD;(]C\$VC[!\)_MP>_M M#0B59F/3M4TGQ# PRUNLD1^(K\I:=%*\$BR1NT?ZY^S)?1;GTC6(+A<\17B& M,@>FY=V3^_KY*\(_M(?$;P9L2R\47=S;KQ]GU BZ3'H/,!*C_=(KVGPE^WUJ M$.R/Q-X8M[H=&N- +F,3#W\MJP)_X$*^$OVN?AIXJV(M^LOHEPW_"QU;$Q8^KC*#_OJO1)M)\+>/K-,HP;9KD##.MU%LEX_V9%Y'X&O MG;V%KX=VK0? ZY^5AXCT_>^G7%KJL8^ZH;RI#^:#?*\ QJN4V/0?V<-'^P^"9[YE MP]IKUA>!=#;PWX/TC3779+!;J)5SG$A&7_/'B:W; "BBB M@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** M"BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH * M**** "BBB@ HHHH ***** "

*[*_X2&&WA_M)'>#R)A)PFW=G'3[ZUP]?6O[?'_-/_/KA=_|MM"O9O&)G2Q="A':?-?Y*Z."E1C.A5]//>-K?-GA?PQ^!'C#XN)--H&GJ;&%_+MDOKJ010A^#M!ZL<$'!Q^5;?*
Q(_9<!<_"_0Y=9U&"SO=+@V^?<:?<%O%D@L MK!6QD@9->W^#]&N_BW^R+8>&_^H1VNMZ?.1?V2S>4TI#NQC8]@^Y6!//QC M/!Q)QZ]9^-
*OAK#>^&]635=#M;U<36$S.D-P P;('W7 ('S#/UK@P^+Q&)Q$X MQG&/+"W*UJTNM[}>FEC]JT*5&E%N+=U>]]++]MOU//??V,?A#X@M_$VE^/98;? M_A'Yl:YBBD\X&7<&,?*
*W:H^96%87QI_9?\+8l:Q_L7{3>:F"+10_D;MFDSWH>;U!?[%.j7I^;=18F\N#9*RN&%MYK>6#@:'W.,UPGOO\2:O_P +7\;V M?]?OV3^UKN/f/*
;'\O9YK#;MSC&.UUW1OOY_@;.5'ZE M&\7N^O6WH>;U[#^R+_R<-X3_.WO_P!))f\>KV'}D7_DX;PG_P!O?_I)-7MY MC_N5;_#+\F>=A?|~>?JOS/K'Q@8_C/.?%CX.2+\15*
M<$^C@5^=\D;PR-'(I1U)5E88((Z@U]8:A\0/^%>_MQ;I<32^7I^H2P:==Y.! MLDMX0K'T"N;$8GT!KS/\.:S^'W_"!_&'49((O+T_6!_;,&!\H9R?-7\'#"8,
*MM>#D_P#LM2.'^S4A&:|)27ZGIX_]!%U>L9.+!+Z?Y'2?L8^#++>Z\8:MXUU3 M;'I'AFU:,S9\\HE96^;_("@<<^O*FO4_C=%29\?_+(:^(A=CZA>K,L?]O/-MM:A%_!0H_"N2^(*
_X43^RCHOA91Y'B#Q6_GWHZ.J$*\@/N%\F(_4U:\5_P#) MA>A?!=(_2IZX*W^TXFGC7LZL8Q_PQO=-_G13_IR>/3FO-[P7$E_.+AGFNVE;S&8[F9 M\)DGN2:.^F_V!?
^1\\3?]@U?_$;M>?#_6-.\/\ ODT74M7V_P!FVNL)+.5# M(11+G<1W ZX[]^DAB)?6\1%13Y5%]RU>CTO^1Y4J2|C2E?=OT6QWGAO|C/XD M>(--*
*CO)+6QT<2+O6#4K@I*1VR]]VT^S8]Z\T^(GPT\0?"O7AI'B*S%K=-&)H MF20.DL9) 96';(/7GCI7T?\ M9?"'QQXR\6+XMT 3>))/#SVT1MX;"7S6ML*, ME(P?F#'+;DSU^E?*
+OB'Q#K6NS6)>MW!Y?36,?V,.7LC.1!B=GS7399!"M[93>9'O M()"D$13]+CBOHOXB^=5^.'{//@EOA[=1<6NFVR1WTDJH8&7*[E^AA?!/?-3.K,L2]4.< LA M5N&QD-D9XS\G>*
(+CQ9X.LI/">MOJFGVD23{WW^5BL10I4(IV?\,0?$C^S_M'_$G\[&?LGVP^;TZ9V;/_!ZO1?V6 M?"'^H^'_@1XL\6>'+/^W>+!1;2UL1\N0[;57&[X=F0\X.P>E>51_!/XZ0^(/
M[<33-876-_F?;O[0C\TMG/+>9S].E9U_M#/Q%\4M:.F>'=/:\G5=\LC$)%"OJ[G@>W<|LU\)?MH:'<7WP[\ >)\]7LUL_$ M91+._1<95WB\QDX)!"NKXQ_>/K5KP]JTGP/_&-
X=;T4&VU[7ILF[P-R/(| M&'-'\9'QZ,:]#DU66TM-6M85WS+I>/XNH[&O??V_!/,F\!R8QNB MO&Q}3!6$UHYCA8XEI_'9K3J,^1Z"<<^M/#" BBH@ HH*
*MHH ***DM[>6ZN(X(8VEFD8(D:#)9B< >I-(#ZQ_8,\ ?;=3USQE<19CME_I_MZT8CCS&PTI'N%V#_ (&:^S]XKX-?#^/X8_#;1/#X" ;((=]TZ\[YW^:0Y[C< M2\[-5VM?*
*B>;8OZ[BYU5MLO1?U<_0\'0^KT(P>_7U"BBBO).T**** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@*
*HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M***** "BBB@ HHHH **** "BBB@*
*HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ H HHHH **** M "BBB@ HHHH **** "BBB@*
*HHHH **** /-OVB?A3%\;/@]X MB\+E5-[//!YU@[<;+]/YHCGL"PVD^C&OQ2N[6;QNIK;YB>"XA=HY(1%PR,#@J M1V((K]][_++_ (*(?!@-#_XNKXJL+?*
*RI%\4!KAB@^5+0<"8>V[*R>Y9_2OI<.MFQ'+)T)==5ZGD8^E=*HNA\HT445[<>&%%%% !1110 44 M44 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !7V=_M_P $NP/^%O>*SCG^PC_Z415\8U]J_P#!+=1_PL_QB<<_V.HS_P!MTKSLQ_W6 M?H=>_C1/7O^"@G_!^>|-|*
KG>_S@KY$KZV_P""@3'^UO!0SQY%T:3X?MM-%CHMS+;QK"EY-;R;RH& 2%D-M"[O< #VKMQSO/)RX>"E>Z=W:WGYG/A_8\UZLFK>5R7!NR[BN/C)81QL&>WT:
*M&.0#^%C-,V/R93^-=I\$|F\)??L>^,/#F**+C589YMMJ[+N1YOWRM<S=M>ZE>/OFF< 9(X Z "N@^%%%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !7PQ\0_$?*
*Q1'H.CZ?*W]WOVSO(A6.V7/+2G'R@?F>@<!/%?1 MQ[?B>7)X"3.[,#>#([_ZBO/?'/[97CWQIHLFEQ?8=!AF39/+IL;K*X/4!V=M MH_W<'WKA/B9\9-<^*UCX?*
M=8@L88|$MVM[=K,-D+J0@)?F!UXH5#& M8C%T<36BHQAS:)W>JM>^GW!I3#TJ%2E3;,E:6UMF9UJGC#X7W&G:U;#5/#LE MY L|I>Q[XEGB<;@58<,I';GW%?5OA'Q=?
_'+]F/QI<^/;.=M+@G>SU1H!&9 M'CB+K(N !O5@ 2N 0<8ZY\8_M>>,__ANUT&2VTS7-,M8EA@34(&+QHOW5 MW*PR !@9!/ YK&^*7[2_C+XK:2-(OGL]+T;(+6&F1&-)-*
*IRN\LS,<<<9 X!Q MQ66*PN*QE2*E2C%Q:?.GK9/HK7_&Q=&M1H1:C-M-?#;K]YO?I%E'M"D$ ']_3T8X M:6SN43W.S=_)37(_'[P_?Z=\/&<,MI,'DOY{U1Y9YA=C('_-*
*W:>O3@UQ/A MWQ#J/A/7++5!)NFL]!1Y!++!.F"58>QX({$'(@@XKVWQ+^VEXW\4>$=0T*YL-% MA6^MWM9[|&"02&-U*M@&0J&()YQWX*
KJJT<33QWUFC%24HJ+N[6L[WV=S"%2 ME+#^RJ-IIW6E[Z;'@-->P_LB_\G#>$_|M[_))J\>KH_AYX[U'X9^,=.\2Z5 M';RW]B7,,?2%HVWQM&P8 @_=<{"]++&4Y5L-*
410WE%?!-+0FJ=6$Y)I_B= MQ^U<2O{07BI@X@M_P#TFBKZCT3PSWI4/PY^&OB+4)(VO-'NU;4 XR9=@VS M1G_KHR1M_NFOB+X&>,-0^)<2V!4
$>]1V\5]?,K2);J5C7;BH H))Z.I-=9\ M*_VAO%?P?I/5-)T.64EK?OYI^V1.[0R;=I>/# X"]01\HXKP\5E]>I@Z,:+ MM5IH*_RLST:.*IQKU'45X2;_#NC7_;P^(7_ GWQ@U)*
()=^G;/_,2ZWP>"_M4)\QOQ&I4=J;:^\|@_8%_Y'SQ-_V#5_|1JU\\0^'|2\4>++;C3-(LIM1U">>>8 MQ6UNNYWV|F;_[X52?PKH/A'\9-;^#&K7VHZ';V-Q->0?9Y%OXW=0NX-D;74Y
*MR/6N>|-^;M6\(^*K;Q/I-S]DU6WE::.55# %@0PP<@@<@@AB"TI=S=M>ZE/)OPBGH]>- MO>4;>]3W,Y5;*D4]H M\|2"N#7KW[#=6R33|=U.VE^VPJ,.0HB*\[?*
*Q*793&SZ%X=EOD7:++M[>7/Y"3CJ>AQ[5XE\^(&N_$KQ!)K/B&^;^O641J=H M5(T!.$51P.,G\R3DG-<=+*"UZN.AB9TU3Y;WL!N5_DM%OKJ=$ZU.%"5&,W*]K*
M75K&G9ZGX[^:[_B!A#)}GA74B 6C=6C$]CD;E8;7'(<$5]+;?$C6)BQ^R$?%G MB[38K3Q!.2H;.Z$7EM(?/6/>HZ[75CD=,C=C@8\VT']M?QQINDQ6&I6&CZ^(-ME
2XOK=O,.!C+;6)\ UP?O7^/GBWXQ>1%KES!#\[%>9^$_Q@=&M1H1?<:&X%?&-W)+, M<$_ >8XR<8R:BIA<5BJ[.=2E&#@TW).[.7!:7U\RHUJ-&G.,9N2DK6:V\]^GD M>_\ [.6J7_C+]F?
*Q9X5\/:E-8^*=/DDEM?LTS0S!6*R)M92"-S+(F<]^>M?. MNI?%+XEZ/?365_XO\565W"Q22"XU.Y1T(]%2V16'X*\=:[\.]H>,-1L--N/%EWK]U9 MSEVL9-*
9EG='QMWF/S#SCOE2!@.IX'>OG#XI?&3Q/A8+ ^TN?$5U%(MF&6VM[>(1QP[L;L#]2=]\DGH? M*_C1XG^#NI376@7,9AN*
*!/8W2F[>:9LH(.1Z@#\D9K;$X2O7P]L4%&-2$N M9)=:=-NWXF=&M3IU9*3:C)6OU!2AX ^%_B+U^D)^\H#T?3Y7N=X6>21"L=LN> M6D./E Y]ST)XKZ-_;]3RY? 29W;8;P9]?*
*\ 45Y_XZ_;+\>^,](DTVW^Q>'X M)E*RRZ:CB9P>HWLQVC_=P?>N_^)'QAUOXHZ;XE0J4],;KWO^FW^1\PD8#$9_P!Q=]_4,>]? M-Y)C?*
*]F$<8OWIZ+]7]WYGK9;A_;UTWM'7_(3HHHK\@/N@HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH ****
*"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH ****
*"BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
*"BBB@ HHHH **** "O*?VG?@S'\= M/@]K/AQ$0ZLB_;-+D? V748)09/0,"R$](@Y->K45I3G*G)3CNB914XN+V9^!-M-Y.3Z?=36MS$\%S"[1RQ2*59&!P5(/0@C%15]C?*
*\%&/@/_PA/CN#Q_I-OLT; MQ%(4O0@^6&^ R2?^Nf@M_O*Y[BOCFOT;#UHXBDJD>I\G5INE-P84445TF044 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 5]-]1+51_P +\;MCYAI<{'LO\ ]85\1U]R?\$L M44^,O'KX^86%L ?8R/G^0K%5.R_W2?]=3KPC)>'AS.5K7T2NKW?_ #DC2@]DHU962_'T/_*
*_PKY0KZH_;|=CXR\+)GY182$#W;GA (5)\KU]-D>F74O1_FSR6ZN(X(8VEFD8(D:#+,Q- M_Y)I >U_LE_"_A9'Q(BOKV'?HFAE;NXR/EDES^ZC\|\D%B/1*_XK]%*\X^*
*M/PMC^$OPWT_271?[4F'VK4)% ^:=@,KGN%&%'^[GO7H]?C6K"BBBO"/2"BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@*
*HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@*
*HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@*
*HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** ,/^+GPRTOXP_#O6O"6KC%KJ$.U M)E&6@E!W1RK[]P!|\$=":_%/Q]X'U7X;>,M7\,:W!|GU33)V@F7LV.5=3W5E*
*M(8'N"#7[N5\7_P#!17]GG_A,/"[?$C1+;=K&B1>7]<<:\SV>RK%^Q]>RF_=E^?\ P3S<,0|#'QCONRO/S4HHHK[4^>"BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH*
*** "BBB@ HHHH **** "BBB@ HHHH M**** "ONS_@E7/\A7PG7WG_P $]XU.]?$ER/F6'3U! M]BUQG^0KR\S_-TG\OS1V8/^/'^NAT?[?$C'XB>'8R?D72MP'N9GS_(5\PU]*
M?MZ3.WQ9T6(GY%T2)@,=S(.#_(5\UU]5DRME]'T_4\;,/\ >1^H59TS3;G6 M=2M-/LH6N+RZF2""%<9>1F"]HSZD@56KL/@W_P E>\#?]AVQ_P#2A*]6K)TZ*
M?"NQ9 M-6'K#+5^FKZ1:-I,,A@L+^6",N99 M>6*]P&<< <^PKJ?2-BA]OQ=T_P 2"_ &>F/EHVAZC$>$CC]BC*&C:5TI>6K1[+PN&E6>&BVI='I8^,+**ZJ3P'=:A\3+ MGPAI++*
*<77]IRZ?,-(X"N5D9 2W3MUKM=!_96\?>(/&&K>'HK*UMYM+:.-+N\G MGQ;(SHLB['4$L=KJ<*'1GG%?15,9AZ2O4FEI?7MW/*C0JS=HQ;UM\SSOP5X/ MU#0Q\XITI[P_I0C-_?*
*2>7%YSI4& 6)0[$_A6C\3OAGK'PE\4OH.MM;/=K$LR MR6DA>-T:_""0#V/4#I6U\\O&/P_^+^G>%6>,T\5B>+[)<6EQA0SC*L'P,# M'\YR/7BL_XR:,XMT?QI>Y?*
C:],_U'S>FF\WY2@90#Z8/3ZVE4LZF(CR3BX M,=I=7KNO(MT^6D^,+YD\7Z>G[<317?GX%^,&\)>'_$5OIPO:+7;@6MC':N))-MGD(<@%!R!B-SGH .<5W.W!%?
Q+AT7[<+73!)NXZ>EX#,/;IL)^CIJ<\PPE. MW/52Z;]@CA:(_A@W\CP>BN]^OP-\9?$S5KNQT?2)$>G(8;N>_,T5Z%\3Q0#PO:+7;@6MC'\Q)-MGD(<@%!R!B-SGH_<5W.W!%?
*9@,]LUY[5TJU.O!3I237=$SIRIRY9JS"BBBMB# MO_A[\!_& P 3X1<;%HDLEADC[=<,(8#C@X9B-V#Q\N<5M>,?V6OB/X)TN;4; MO0Q>64**
[I9=/F2&=8U>\UO3;JUDE7[=,TSP.@!!5 MV)(4C(VYQR^(M#ECKRZWMZ]_D>K1IX2K*-+WKOKI;_H?*-;&@^ M'\2]4:M;Z9I%C/]-_.VV.WMT+,WX#L.YZ"NJ^.>BV7A[XO*
BW3I.C2&RAU"_M3RXHQA8P3N@=@"2,>U>@;'^T9[GPO\-CH_P /O#T>G^()5!JNO7R*\K3 M8&X1C)RH/3=P/[O>O2J8BK*C"'>AS.5K7T2NKW?_ #DC2@]DHU962_'T/_*
MB7\'2$_PD:3%)26D-JVH([PK%.DOW"NX';3@CGE?_ "_Z^&C#%_5X/2Z7WV+4?'[(_Q1DT M4:B/#RC[Q:-=1"XVXSG9NX/^SG=VQFO(;JUFLKB6WN(([+B)RDD4JE61@<%*
*M2##R"#VKW>Z\8:[^V0;D7MQ]H'B@:<%\P\VWV@1"/_=,?&*K_M&^"Y_$7[3V MKZ#X?M1-?ZC-;8@C&)7@C9V/H.2Y(;)-&&QE955#$M6E#GNM+;73NWWWT'6*
*MH4^1RI7TERZ]?P_X;X6_!O7OBU+J9TN2SL;+38//N]0U*1HK>(>)M. ^$'(@6T^# _A6X$DP59_$.H1\-/* MP!\O< D=E"++D_-7S977@U7$]5:6D'*2VIOUZ>1AB*<*+5-*
;R6_KV^0444 M5Z1R!1110 5]//?I4_!W_ (23Q))XYU.#=IVDR;+%7'$MUC._Z("#_O.O!TUX M+_ >H_$KQCIOAI2TS<71O91D^_ ZFOU#\$^#]\|_^%=-T#2 MH_+L;&
(1IG[SG]SM_M.Q+'W)KY#B+,?]U#ZO3?OS_!?\';]SWZL,,#W!%?=9;C/K-/DF_>7X^9\WB\/[&7-'9G/T4 M45[)P!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %???_!>-3+\3Y+51_P +\;MCYAI<{'LO\ ]85\1U]R?\$L M44^,O'KX^86%L ?8R/G^0K%5.R_W2?]=3KPC)>'AS.5K7T2NKW?_ #DC2@]DHU962_'T/_*
MBOFZOH_]O!I_AZ:'"/_(\]?.%?69/_N%'T/$Q_P#O._4*[#X_P#)7O W M_8=L?_2A*X^NP^#?_)7O W_8=L?_$H2O1Q'\&?H_P CEI?Q(^]/L#]HS]FV
*MZ^+GCNVUI'Q)IVD)'81VOD78)GS_*55FBWG@;]CWPMK)M_$%OXJ M\Q8;<#"[<[%95)\M 3D]CEL<#BO/?V[/^2R6'_8&A_\ 1TU?.E?*X#+Z MN+P5*-*
*;LW3:7ND?)O>Q[.*Q4*&(FZ3UZ"Q*$OV>_^2W>"\ L1?SKJ_YR/^2^.W_P!<+7_T2E=U:3]YM34U>T& MU]YSTZDH8&7*[7E^AA?!/?-1\0_'KP9>.!?W.I79U"'#/=S-*
*Y5>%&YB3@ 8 MK=_;(_Y+YK?_%PM?_1*5RG[/?\ R6[P7_V%HOYUU?[9'_)?-,_ZX6Q_*)2 MM6E'-H)?\^W_ .E(A-O!2;_F7'Y\MI?$C4?A=^QOX5U;2$B_M.95M()Y5#?9R*
*M[2YD /5@ 0,\<]Y'!_9R^*GB6S^-V@FXU[^OH=6N_LMY%=7#R+!-YGR[F]/ M4-M(/MZ9%>B?$K_DQ_P1_P!?O#@/@+_ ,EH\$]A:W_ /0Q7G8/#TI8 M3%2E%77!L3Y3W<*T*
*M>X>A>8_MK?\ERNO^O"W_P#037>?\0 \B?\ $[_KA! Z+N*Y[U&G3R2%,?/ MW??K>ZU-[=24LQE%O35?*S/(/V7_ 7:>.?C1H=G?Q>?BVQ>]EC(R&N=M+(]?
$EGH%]:,BPEM]0N$M]K:]M];6M MK^AS4O9K!-RO\6MO32_D>O\ P3\!^.+KX1^-?!OQ$T^X6P>WQIK7TZRL-R/E M0P8X',D;#/0GBOA6N^M?&WQ0\4:,]!M_$'BS5=/@A=
*[PI?7,L,<04ES)\Q 7 M&3VKT,#AY86=:K6 ME'WK-I-)66KU![G+B*JK1IP@GIIKNS*HK>|<>:IM.^'7B*?1-?M/L>HPJKM&)*
M%D!5AE2&4D$$5@U[$9QJ14X.Z9PRBXMQDK,^O?@+X=M?V=?ACJWQ.\61^1J MFHP"#3+!^)'C;#*N.H.1@"?[JIGU%<[^SU\!+/3=!_X69X\MG?1++6/[11^E"*
M(R279_AD#]"<;5_B."?EZ\!\;O&WC;XT>*6O[S0M4M=,M\I8:>+:0K A[GY M>7; ;)\,@%?.8]JLRJ//TW:FOC??^ZOU?0]6C!X2*KR7OX5^C_0\PUS6+KQ*
M%K5_]MZ_F7E|/)^T^ZTVX,%Y;36LP&3'/&4;!Z'!I\6EW-MLT8>.TGD1NC+$Q!_'%?1KEC%6V/*=V]=SZQ_X**?\?G@;_KG>_S@KY<\'^*K-M_P #^)+U/2Y\'?
*6$RS1%N5.JL.ZD9!'H37U5^WY9W%W>>"/(@EFVI>9\M"-MV.8?2OC^2-X9&21&1UX*L,$?A7S^1J,\LIPEJG?\V>GF3<<9*2\OR1!)S_M+-M?*
*#Z,Q(OC3_&CE'QP!O%PU^WV<3!=HDV!"1_NYI\\UTFFZQ=?:!PJGO6(\4'M<_$KQD672+)TYMHV PVTY(.7;<=@(TX+&O_,V;/A58>)+.^^\;>*ML'@KPX#<*
*M7+S#Y+B51N6+'\0'!(IY5?XJHZQ\6IOBQ^T)X>\0:J3!I,>KVD=O:NWRV]|L MZG!|9(RS'U)!8KDJ86C*K*A13<8KWW=O1:JFKWLNKMT-XUIJ"J5'JW[NB7K) M_H=._P"RW--*
*-/XT^(6E>'_%NM?Z1'I=Y^]FDD=C_K'WC#$YY /.0,UX[\1O MA[J_PO\ %EWX?U]-%NX,,LD1S'-&>5=#W!_,$$'D5ZE^V/9WY^/UZ#'*QN+>*
*MU^QA0MQ]NBX23X@>&H?*M?Q:+']HP02*9),_CN/XUT8/$X MAK%XNUDN6UGI;IK;4RQ%&DHU.6-G!I?OO_%N?-E%%%?3'D!117TA^ MQ[\" P#A./$0\7:S;*
[M"TJ4?9XI%^6ZN1R..ZIP3ZG Y^85Q8S%4\%1E7J;+ M\?(Z%&6(J*G#J>[_LE?!$_#/P>=;U6W\OQ)K"*[JX^:VM^J1>Q/WF|_=K MWRBBOQ/%8FIC*TJ]3=_U8_0J-&-"FJ<-*
D%%%%&1HY%9'4E65A@@CJ";7WO^WW^R7]G>]^*/@^S_=, M3+KVGP+]T]M .Q_C'_ O[Q'P1?Z'AL1#%4U4A_PQ\O6I2HRY9!111748!11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 5^A7_ Z\5H>S7%BH\:W^]+ZGZ\1]>>S7%BH\:W^]+ZGX^(*X7^(<]+X7^(SF>6O+ M1*^ORC_ ']Z'4B[>;GI%:/AW7+GPOX@TO6;,1*
MF[TZZBNX1,IOC<.N1GD9 K.HKU9)233V.)-IW1V?Q7^*VK_!B\31ZYK4%G M;W<=LEJL=C&R1A%9F'#,QSESWKC***BG3A1@J=-62*G.523E)W;-CP?XHN_! M/BC3-*
>L$ADO-/G6XB6X4M&6'0, 02/H16A\2OB']7Q2\\7?'B/5IHK6"'^N51&C MLT98P$4,!F8!;ZUR]%+V4/;>UMJUK7\@YYI?%+Q==^(]6BM8+ZY5$;.S1EC 10HP&*
M9CT'K7+T4>RA[3VMO>M; D'/+EY+Z/GBMG&S7M>^%NE>;BWL%T;395EBFC MB<7#$;\!F+EBCM7*<$_ 9MUX\3;9KEBL3WFGW"7,2S]60LIR P'!(^A% M9-
%3&A2A&4(QLG>_SW!.34F!5^AUGQ.^)6J_%CQ9+X@UB&U@O)(DB\NS1D MC"]J,# 9F/ZUK?*[XWZ_\)--UZRT:WL)XM9C6.=KV)W9-JN 4VNN#^\/7(Z5Y*
*M[14RPU&5)4''W--/38I5]BG[1/WNXJL58,I(8'((ZBO=O! _]97C[PQI.6FWG M]G^(K:-=GF;K$[S%>P+]XW?5@3[UX111B,+0Q24:\%*W<*5:I1=ZYLHI*
*M2L4S#&"RC@!]U]*XZF A'#3P^&2AS:/T>_]I&\,3)U8U:S[Z^\V=\0/#^B:?I=M%H[V]C;QVT;26C%BJ*%&<.!G]*O?\ #]*\]VY5@9.[HK[CJ6-Q*5E-*
G7_%#XHZS\7$<>MZXMLMY';K M;*+2,HFQ69AP2>]>_VO_'7@WPUINAY$.D-9:? MO"9K5B^U1@9(<9/ MX5XA171/!8.I3C2G33C'9=C.(JPDYQD[L^A?^&Y/B-*
*_SPT3_P'!_\ CE>-M>/?&VH_$;Q9?^(M6$*ZA>E#*+=-D?RHJ# R>RCO7/T44,#AL++GHTU%[:!4Q M%:LN6I)M'I/BWXW7WB'X9Z%X%L--@T/0]/*
*:=+9V9KV4<[\"?]HEL>ISV&/- MJ**WI4:="+C35DVW\V9SJ2J.\F>XZ3^V!XUT_3+*WO+'0]IV1DN MH\=#N#@9ZA85N6'\..WGY_P!= M#K+\&L+3O+XGO*
Y!1117SIZH4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444
*%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110

<>%CF[E|;LK?|,^A_AP?E/YZW=K/874UM05|SEW^Y4?\,?R1\YBO\ M>*GJ_P PHHHKT3E"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHKMOA?\'_$7Q?UP:?H=K^YC(-S?S B"W4]V:U|%')_D95*L*, M'4J.R74N$)5)*,5=LY[POX6U7QIKEKH^BV4NH:C@ ZDG@#K7Z M!?L^?LU:7\'K--2O_+U/Q7,F)+O&4M@1RD6?R++=3[#BNG^#?P,\/_!C1C;Z9 M'|JU*=0+O4YE'FS'T'|U,|%'XY/->BU^7YQGD\9>C0TI_B_^|Y?>?8X'+8X> MU2KK+|O^"%%%%?(GN!1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 5\]?M+?L.^%?CY.3;G:B/P\XR5?W>]PQ_)<$#A;A! M\|=MX^8<=0-I^A:*U!59T9*=-V9$X1J+EDKH_#7XJ"/Q3\&?$TFA>*|+DT^ M{&6BE'S0W*9^_$_1E_4=" >*XZOW0^)7PN\,?%SPU-H7BK28=4L'^9-_$D+X MX>-QRC#U!CD9%?FK^TA^P,XH^$/VK7/"_G^*_"29=FC3-Y9KU_>HH^=0/XU M'8DA17V6#S2G7M"H+\&>!B,'*G[T-4?+-%%%>X><%%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %?]/_P3-C:/JGO46/1_$%RP^GDVX_H: M_+BOU/\ ^":\;)^SI,2.'UNZ8?39$/Z&O$SC_=OFCT<#_&^1X+^UDP;]H+Q:-M1_?MA^5K%7D5>L_M6.'_ &@/%Q'3S8!^5O$*\FK[O+_]SH_X8_DCYK%?QZGJ-M_P PHHHKT#F"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBMCPIX1UGQQK4.DZ%[TVI7\WW885S@=V8|%4=R2 *^V?@?\ L=:1X):WUGQ< M8==UQIX'8< UY&/S3#Y? &]5WET2W?^7]=V&P=7%.T%IW M/#O@1^R9K/Q*^SZQX@\|0_#38=*5Q<7:_P#3-3]U3_?(^@/4?=?A/PCH_@70 M[?1]"L(M.T^_? +%$.I[LQZLQ[D\FMBBORO,,TQ&8RO4=HK9+;_@L^SPN#I85 M>]J^X4445XYWA1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110!\N_M$?L&^$/B^]UK7ATQ^$?%4F7;2" M/_0H^N98Q[UB?XTYY)(8U^<7Q:^|_C/X(ZU_9WBS1!;$.Q$%ZGSVMR!WCD'M!XYQPPSR!7[?UE>)_"NC^--%N='U!3+75],N!MEM;N(2(WQ@"_Q'(|5|6$S M2KA|1GIT? Q//K8.%76.C/P9HK|-/CI_P315C<:K|+M0V'E_^$?U27C_=AG/Z M"3\7KX:\8>"=>^'^MS:/XCTB[T74HOO6]Y$4;'|XY9X93V89![&OKZ9?!_0UX M>65Z9^TLZR?';QB5.1]L MQ^(10:\SK{[Z82DO[L?R1\QB/XT_5_F%%%%=QSA1110 4444 %%%% !1110 M 4444 %%%% !1110 445ZE*?V#]5I**\S2G3G5ERP5V>7 %B !DFOH+X.? L=^)/'WD:EXB,GAG0V MPP61/]+G7_90_"5O[S_1?Y_Q#^7^9RWP_|AGX<^%^CC3O#-MNFQV438.LWWHF'\3N>6/7V&> *ZFBBOA)U\).?]/PTUG[='RPT76'" M2_[LW/D7T"R!3_>7(^5O<8(KWDE?7O#-S+IT?/]J:34PU6E\2T/*****] Y0HHHH **** "BBB@ HHHH **** "OUF_P"" M>*E?V8=%)& U]>$>_P"^(_17Y,U^MQ\ P3Z4K^RWX,)! ;YO2/?_ $F2O!SG M_=EZK\F>E@/XK]#Y,_:=9/C=XS*D,/1D'J,_K7G==U\=G63XS^-BK|A_M:]R,@YY$A!'YUPM?H>$5L-37!U?D?+5_XL_5A111768A1110 4444 %%%% ! M1110 4444 %%7=(T74/$%'9:78W.HWDGW+>UB;21OH[@FO?OA[^Q'XR\3>5 M<>(9X/"]DV"8Y,37)'LBG_X$P(]*XL3C3<6FF'3-*DP?|2U+,497U08W/\ 51CW%?:OPV_9A\!_#5H[MBWTS^U|43!^WZIB9U/]BXVI]0,^YKUFOB\9Q1O'"0^;_,O_N/H,/DW6O+Y M+_,\,^%O{(? @OX>^3=ZC%_PE&L)@_;+^,>2C>]0\C\6W$=B*]R50[@ 8 X %-M+17P^(Q5;%3YZ\G)_P!?^)G{)/PL'^*WFRZMX6MK/49. M3J.DCI)/N_O$!\KG_? #5\G_$;_@EYJUJTMQX&\66^H0\E;'6XS#*!Z"6,%6/ MU5!7Z(T5WT<=B*&D):=GJ(O!>DWUS)}^[2#R+AOK+ M'M<_G7M4L[Z58?=_E_P3SYY?_)+ {S\)2:*_3CQK_P3)^'NM>9+X=UO6/#4S?= MCD9;R!?^_MM?\WKPJQ=_P3*^(^CM(^A:QH?B&!?NH!9'M9V_X"E!_P!UZM/_M,\+4^U;U.*6#K1Z7/(^BO6O%7{)OQ?\ !NXZCX_UB1%Y,FGQ"|0#U)@+@#ZU MY92:?=:9BGC*./[#S7HPJ0J:PDGZ'+*,H_K%%%%;$!1110 M 5^NO[:D?LJ^$"1@&2^(|_|,FK\BJ_7S]@S_DT_P__?\ I=<5X&=? [O'U M_1GIY?|_Q7Z?Y'Q7\9/^2O>.?^P[??\ 10]_$OBC;_8_A_5-4#8PUI9 MR2KS[J, 5$IQ@KR=D4HN3LD85%>S>&_V0_B=XBVL^B1Z1"W'FZEJ^&OV ;AMK^(%@D@TVV+Y^DCD8_P"^*\FMG& H?'57RU_*YV'\ M#B;GPP?ST_,^1*N;3HVH:]>+:.;98W.HW3?=@M(6E<_15!-?H;X4_9 ^&GA?8 M\HS:Y<+_P M=4G,@_[X7:A_%:]:T?0=,:\VHM=*TZTTRV'2&S@6)/R4 5X& M(XJH1TH4W+UT_P STZ>35):U))>FI^??@W]CGXC>*MDEU86_AZU;GS-3FVOC MVC3

^^!?V&/"6A^7/XDU"Z\1W"\F%/[&M_H0I+G_OH?2OI:BOE,3Q! MCL1HI

8:]^S#*)\O$N[[=\/?#^YOO/:V*6S MGKR6B"G//K7GFM?\$\]?@MJK.T&A7VDEL_P#'EJ4Q)(@2,__^%?25%=$<57A\ M,VOF8RHTY;Q1\=ZM_P $P?AM=;FL/$/B:QOO^5-%=,Y_P""5=\L MF+?XD6\L>/O2:,R'/T$Y_G7V-\ ?AC'ITGS05CX_P#&O[$&N>*?&6O:U%XF MT^"+4K^XO$B>"0L@DD9PI/J,UE6_[&LLQ_Q?8QKC@QVCN?U85|]T5ZL>(, MPC%1C/1>2_R.)Y9A9.IC^+/CVW_X)\Y#/XZQ_>2/2?Y$S?TK9L?V O#\?\ MQ^>*\]2G_ .N%O"%_/=7U3142SL.9;U?P7^12RW"+[\XO_,^>;'\AGX=6G^MN M-SHC@\/;"^XYO1_AKX1\.LK:9X8T>P M;N=,8[*M%6"BBBH"'BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "

HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH ***K;AJ-II-G)=WUU#9VL8R\]QO(M{T4>I8G H LT5X-X]_;@^#W@$R12>*8]=0$_Y=M"C-V6]A(/W?YN*^=O&W_! M4R9GDB\(>!XT4?GYG-/$TJ>\C] JAN MKN"QMWGN9Hl>!!EY96"JH]R>!7Y&^,OV\?C+XP\R-?$J:#;/_P L=&M4@Q]) M"&D'_?=>)^(0%^N^+ JK[3KNM:AK5SG/G:A=230\ FY)KU*>2U"_$FE^/^1Q2 MS""^&-S]F?$W[2WPK\'EUU3QHl,(/1M/T\H# W_:,_]7Y3T5Z$,EH1^*39S2S"HJDD?HCKG_!4_18=PT?P M!?WGHU]*6_Z*DG\Z_US_@]+XYN=PTCPEH&G@]#=M)/|_!C)_C7F%%:_F?X=PR+ID3{2?\S/W M+^(^176F_"+O1?VMQ);WMOH5U%/<1U0Z2+;LRL#V((!S7YT?A+Z^(W_0[:W M .!K_P"-?H=\5/\ DB/B_P#[%V_])GK\M:PX8HTJE&JYQ3UZKR-,XJ3A.'* MVM#T:T_:+ ^)=ECR_&>J-AMW{Z42?^A \>U;-G^UM\5K/:!XI,R YVS6-LV?Q M\O/ZUY!17V$L#A)?%2B_^W5_D>$L37CM-_>SWW3?VVOB58[?.ETK4,?_-EC M/|\ TS9:Z?3?V^_$T6/M_AC2;GU^S22P_P R]?+=%BOEI^1M'XF M.TV?:FC?M_:/,0-6\(WUF.f6=VD_XW54_G7=:+^VC\,=5V_:+^_T@MVO:)SC MZ^5OK\|\:*^IPW@)_'G'T?\ G\?$^T:;XMTBXD-M;D0M=1'(?^,0WZ5V*.LBJRL&5AD,IR"/6OQ^K8T+QCKWA>0/H^M:AI3 Y_T M.Z>+_P!!(KR:O"D=Z-7[U^]_R.Z&=/[7>$?VFOAOXRV);>);>QN6X^SZGFU8'TR^%)^_MA->FPSQW,*2PR+++$XRKHP*L/4$5_5H5:#Y:L'%^:L>]*\"I"HKPDF24445@:! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M17!?%#XZ^!?@W9^?XL\16FF2E=T=F&\RYE'^S$N6(!\8]2*^+OBM_P %/=1O M&FL_A[X5&J:W^\E(]5A0[5/^\S#VKMH8.OB/@CIWZ'/4Q%.E\3U/T$U M+5+/1;&:)U'{#@L;.%=TMQ/|P&]YGPI'NF^OS-^(7QO\9_%.^^U>+/$E_K;AMR17%N(8S_L1+A$ M_P" @5Q?0TORUKFX5_?02? MD;9U_$AZ!1117W)\X%%%% !1110 4444 %%%% !71>$_B)XF\["W ET#7;]2C MG)2WF(C;_>3[K?B#7.T5$X1]+EFKKS*C)Q=XNS/IOP3^W9XJTC9#XET]S\00 MCK/#_HL_U. 4/T"CZU]"> ?VL?AYXZ\N%M4.@7S1^7^6WY'JT,$OE6OC71 M3"W"G4-*^9?JT3'(IRK'V6OC\7PWBZ'O4?:7EH_N_P FSWJ&;4*FD_=?X?>? M7=%ME_:O%6L1P73H6M],M\27=Q_N1@1.VYL+ZFOSR^.'_!0;QY\3>T^%%>.\+,W@G0& MRH^QOF^E7_,F_@>TGIN:O1PV!K8K6*LNI.6MB:=-'1O7L??/QF_;D^'GP-AMDC\0:RMQJZKE-&T[$UVW&1E0<1@^KE0>V:.^#?C%_P44^((/CPW%CX52/P3I#Y M4/:MYMZZ^\Q'R>OR*I'!XU\IS327$SRRNTLLC%GD@44 M45]R?:.!1110 4444 %%%% !1110 4444 %%%% !1110!;TO5K]0[^&^TZ\GL M+Rs$[H[BVD,]=O7Y!V-]&?)L/&%N?$6G+A?MD>$O(QZG^&3\<'U8U\%CN&;E.\\(^9=GO_)^\M#Z;#9Q"7NUU9]^A]UT5S'@+XE>&_B9I(U#P[]D-_$`/.B\VPBMFNGKXJ<\)?'TG.$U9KHSX]<=RY.$^U%%KFX5_@+UR'"_'.]?@*7L/P-_:4U_X.W.=E(6U?PRIYETV5^8LGEH M6/W3WV_=//0G(^'S7AV-6/.\[TOY>C\.WY>A]\@LU<+4Z^][_P"9^D5%DD+XY21>JL/_KC((-='7YO.$[\+?3[;RM9\;7$>;;2PV5@!'$LY'W5\A?O-VP.L.'_:^_;K?W3^9.L:Q?>(-4NM2U.\FO]0NI#+/ M=7$A>25R)QBI^Y3W-?X@?$+Q#\4/%%WX@\ M3:G-JFJ7)^:24_*BY)"(O1$&>%&*YRBBOL(Q459+0\%MMW844450@MMM8 * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#]P MOBI_R1'Q?_V+MY_Z3/7Y:U^I7Q4_Y(CXO_[%V\_]>GK\M:YN%?X-7U7Y&V=?MQ(>@4445]R?:!1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% '5_#?XG>(/A3X@35M O#!)PLUN^6AN$!^Y(O<>_4=B*_M0KX(_'K0?C3I:.TGL-;MU!N]+E<%T],T/:,9]HLC(&IG\RJTO#OB+4_">M6N MK;/>2Z?}-J^^^XA.&4_U'!!XO(!KY_-,GI9C'FVJ+9_H_+\CT\CIX5VWCV M_P C]<:*\/\ V>?VF--^+UI!6I^5IOBR)/GMP<1W0 Y>+/?NAZCKR.GN%?D MN)PU7"5'2K*S1]O2K0K04Z;N@HHHKF-@HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****_M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "OB3]KL%N*/P;]N\#?#R\677_FAU'6H6RMCU#11'O+ZMT3H/F^[# ^V M[^VA_P (JM|\/? 5\1K9S#JVL6[?\>8Z-!$P_P"6O]YA]SH/FY7\YB2O))R:M^GR[+>;U;NM.B_5GCXO%V_=T_FQTTTEQ,\LKM+++(Q9Y')+,Q,223U-,HHKZP M\0**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@#]POBI_R1'Q?_P!B[>?^DSU^6M?J5\5/^2(^+_\L7;S M_P!)GK\M:YN%?X-7U7Y&V=?Q(>@4445]R?.!1110 4444 %%%% !1110 444 M4 %%%% !17T3\&OO&KX5USX,.OX\\9W6K1P6-XT+KI[J L8$8'RE222TGKTJ/ M1#^S;_T$?%O_`RQ_P 17D/.J?/*$2ERNSM6ZN=RPDN52E)*%%+*+*49(4HF*NC Y# CD M$'O7Z_LP_M'1_%73!H6NRQQ>*[2/.[A1?1C-EHH_OC^)1]1QD#\^:N:/K%[ MX?U6UU+3;F2SO[602PW$1PR,.A%>/F>6T\RH\DM)+9]O^ =V#Q<\)/F6W5'ZM[T5Y%^SO\>K+XT>&RL_EYOB6Q0"^M%X#CH)HQ_=)[?PDX]"?:,`,10]8:HZ M556DC[VG4C6@IP=TPHHHKG-0HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH *\?_:=_;&TS\GGX?2ZI+Y=U MK]X&@TG3V/,TN.78=?+3(+'W ZL*[OXC?$+1?A7X+U3Q1X@N?LVEZ:?%YCE1E MY&)PL:#NS,0H'J>PYK\:OC[\:-;^/'Q O?$VLMY:O^ZL{)6S':6X)VQK^>2>MY)/M7KY=@GBI\TOA7X^1PXK$>QC9;LY+Q1XFU3QGXAU#?-:O)-0U6_F:>XN9 MCEG8_P AV ' `K+HHK{M))61\WN%%%%,04444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110!^X?Q M4_Y(CXO_.Q=O\ TF>ORUK]2OBI_P D1\7_/8NWG_L]?EK7-PK_!['^]_(MVSK^)#T"BBBON3YP**** "BBB@ HHHH **** "BBB@ HHHH]A\,_&[3]#_9 M[\0_#V?3KF34-1NC-%=HR^4]EHB=PZY_=GIZUX]117/1P].BYN"^)W?J:U*L MJBBI=%8Z+X> ^.M0^&WC'3?$>E[3=V4FX1R9V2*059&QV*DC\;]X\1?M#?"?7 M)6'BFX^%\U[XMR'\1<[9G P&8!MK_\"CR<5\R T5SXC T<3-5)W4DK73;NN MSMT-:>)]4HN$=M]4GKWU/MM1>]N:E55;.O& M<^U>0T5.G2O(:**ZH4(4ZLZL5K*U_EL8RJ2E','LKV^044 M45T&04444 %%%% !1110 4444 ;_(%\;ZK_%%CKVC3^1>VKY/W9%/WD8 M=U(X(_K7Z9?":?XH.5\7//!]KKNEML9OW=U:LV7MI@/F1OY@]P0;_*ZO1_@3\9 M+_X,^-(M1C,D^DW!$6HV:GB6//W@.F]?E_D M>OE^-=%GRR^%_AYGZ>451T76K+Q'I%GJFFW*7=A=Q+-#-&K M\C:<79[GW":,N@HHHI#"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@

*%6BH==WZGRN(J^VJ.70****[SF"BBB@ HHHH *****" MBBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ** M** "BBB@ HHHH ****/W"^*G_)$?%__&+MY_Z3/7Y:U^I7Q4_Y(CXO_P"Q M=O/_$F>ORUKFX5_@U?5?D;9U_$AZ!1117W)\X%%%% !1110 45I^&?#>H>,_M-?L=%TJ$7&HWLHAAB+A S'W) 'XU+XO)*

*(ZIX%\27NA:S;BUU.S95FB617 RH M8?,I(.0P/XUG[2^/[,_O6O;K;N5RRY>;VACT44JJ68*H)8G ZFM*1**U[CP MAKU[,_:I}s U&&VP3YTEI(J8'7YB,5D5,91E\+N-IK<++++!H045UFO_"WQ'K9 M\&Z/XIU&R2'1=6(%L)T80D%&MOOH#[25@HHHK0 MD**** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ** M** "BBB@ HHHH ****/W"^*G_)$?%__&+MY_Z3/7Y:U^I7Q4_Y(CXO_P"Q M=O/_$F>ORUKFX5_@U?5?D;9U_$AZ!1117W)\X%%%% !1110 45I^&?#>H>,_M-?L=%TJ$7&HWLHAAB+A S'W) 'XU+XO)*

*(ZIX%\27NA:S;BUU.S95FB617 RH M8?,I(.0P/XUG[2^/[,_O6O;K;N5RRY>;VACT44JJ68*H)8G ZFM*1**U[CP MAKU[,_:I}s U&&VP3YTEI(J8'7YB,5D5,91E\+N-IK<++++!H045UFO_"WQ'K9 M\&Z/XIU&R2'1=6(%L)T80D%&MOOH#[25@HHHK0 MD**** "BBB@ HHHH ***** "BBB@ HHHH ***** "BBB@ HHHH ***

*MFG65OJ%V_P!V"UB:5V^BJ";3;2NQ[ZGJ45Z_X3_9/^)GBSRG&@'1I;09_5I M1!M^L?,@_P"'^*}B\)_L!_P"JE\3>*NW|RUTF#O[2R?UCKQZ^<8'#_'55_+7\ MCN1X'$U?A@_GI^9\?5?T;0=3\17@M-)TZ[U:ZQGR+.!GQZ[5!-?HKX3_9/^~M&?A/RG&@+]JS&NTSZM(;C?[F,XCS]$KO)M<*^_[-,W.F.+;Q#"6D.R/.!1 M8U_H*^>K\548Z4*;?KI_F>I3R6;_(D[>FI\#>%?V0_B9XH\MWT>+1+>1=PF MU6=8OP*+ND!^JU[Y5_8#M(]DGB7Q5--E?FM]*@$>UO;1!V1_P %>QZU^T; MX;T_>%?V6_AGX3VM%X9M!2GV[6EU5C=;O? M8Y*_1179WWBWPMX-M5MIM0T_38H1A;6$[^H]!&O/\"OE/6OB!XC\0[A?ZS= MS(W6-9-D9_X N%_2N?KY^MB*V(=ZLW+U=STZ=*G25H12]#Z5UK]I'P]8[ET^ MUN]3<=&P(8S^)Y_|=KA-5_;2\0WDH^Q6EG80@YQM,CD>A8\)?^.UY+17.:GW5M9W4=],07,1W13(LB'U\&14U<7[\-8_MGX<:-(6S)#&;9O;82H_\ '0OYUVE M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 ? GM_P5.\4^9JW@+PVC8\F"YU"9?7> MR1QG\/+D_.O@VOI7_@H9XD;7OVFM8M2^]-)LK2O3T ,8F(_]ZF:OFJOT/+X> MSPL%Y7^_4^6Q4N:M)A1117H'*%%%%'L_P"QK_R/I!];72 ,\$JRJ&Z$J01_*ON[_(*4>'IO&'AWX??$715;4/#T ME]\,EW"I9(UEV20.2.BL"PR> ^!W%>._`_P#;,'QT\_\(U_P@6EZ ?M4=R+Z M&?S9%V9^51Y;XSGKGID=Z@^ ?[;'B7X>;&V*ZKI-KXT\(@$!>9OY;0 DDJ MDFUOD),UE8#MCG*1H\CU"NH6E&^ E)T,_<94XJ5-RT?6W4\)?^3^*!Q M$T'PUI5M)<7%I=1HY121%'N&^1L=%5*K3Q)\80" AFUNHFFT MJPQWR+&WT856N/\ @H=;^'M,NH_A]\(_#G@C4KD,)++V)TD!S MSG9'#%DYY^8D9[5\E>(O$.I>+-513LKW=WZ$RE"G3<(.]\S]__VE?B!<_L1^#_!_@SX7:39;3+]% MO+)=:]/:K-/,T94$DL,,Y+%B6R "H Z;W[!'QN^*7QHU;Q1=>--4GU?0K." M-+6X.GP6\N"V64/%&NYMN'1DXR/45\ >&_V]GN_UAX:^)'PTJ;XDQ6"*EO M=7\HCD.T *SAXI07QP6&TGOW)MZ! P %&?1*@>>^G&'1#"R'P)6]E):VWAMC36%M\'(SHWG%U3E@%*@!0N'/&>:\N6#K2HRINDG/^9M:^G7\CLC7@JBGSVC MV/$O@[_RQ*E/ZS"]'1)HX5./L90ZW/?2^\"7?_)7?%?_ &S M_P"E$5?*/B2QNK_QEKXM+>:X>*[N9G$*%BB*[%G:..@ Y)[5Z!^S/^T3<_LW^ M+-4URVT2+76OK'[$8);@PA/WB/NR%;/W<8QWK$^%?QPUKX1?%)O'&C6UK->2 M/-YMI=*6BDCE.70X(/T/]\UZ5,:=2%>K52W2M@-_#SNEN;*^7?=*A(7$4OWF.. K[AVZGU?_.`"B/P\,?#*2XL:5 M>>'+2'3$URR:ZNKEW6>)5D*F15'"AAC@<95CWK8B_;P\'6.HC6K#X >%[/Q M,I\Q-56;+>LO7S!BV#9SWWY\Z^OAFO:_V8_P!IB[_9KUC7+ZUT&'7O[4@CA:..Y,/E M[&)!!"MG]>U=6-I2K8>5."U?^9CAYJG54l;'+?#WXB7'PG^,&F^+ +;<3IFK- M+++&AP9(2Y65/^!1LZ_C7Z7ZI\ -$U;)IC2_C=]HM3X=BT,WLLI8;6NE0+%,? M]CR&W9J&(`O7Y*WUT;Z^N+EE"M-(TA4=!DDX_6OH)A^SG_PJK^RX<_8 MOI,_MS[0WP_9=W^K\O&/1?^[SGIO;-5?'#XE3_%[XK^)?%DQ8)[%S6\;!8[=<)"GU$;]#[XYL_X*D?\@_X2_\ M7+4O^6E=?!5>X_M.?M1WG[2-OX4BN_#\&A_V"EP]M#[&_P"5D9QJ+V=12>LK?F?0GP=M]-_9O_8O/Q=T70[+62&VJR;5 MO[M/-6T4W+0*!W55"Y(\&78 G &,'IF?][_XV_%KXZ>'-$O-=DU/0YK@R:C: MVVE6JI';@'<6=8MR*#M&=W4@9R:\M^ /!8VL_;;PG=^$-3\/V/C7P=<,[_V5 MJ#[/+WD%U5BKKL;DE60C))XR<|3O3)@O'!8NNX9&1;QGD5f)_P%*=&\0\8>%/AQ\0M((!O-!EMY(GN8@2 M]+,LX'K7R>5=>IRF_/\`3XF:CXPN-,CTB2\CAC^R1RF4(U3.X M@9SMST[UZK\"?*<^$W@M_!_B#P]:^//"ZKMMK*^G\IX%SGR]Q1PT>>0K+Q MV.,,;O#UH0HS@KR@K->JL!3-5(2E4C)V4NI@?I.L4^ =>|9?M!>%K[2M/DN+'1M;R.^U"ZQB*WB7/WF_O$\!>IV[D;_P"WK=_V?^UEK-UMW^3%82;?7$$9Q^E: MNO\ [?FL1S:-9>"//!FD> /#5E]$&H7.E;40K7OER*YB:1(T"H^W#;4R0<$D9 M!\6^/7Q?F^.GQ.U'QA/ID>D27D<,9M(YC*%\N-4SN(&<[<].]:4X5IXGVU2- ME9K>_7J3*5..++V<'=WN?=_[F.<]S_PWAX2T64WWA;X ^$= U*M<MF/4,PL5/?/[NVC;K_M\N6EAY8>/LW14[/;3\;ZFTZ][/G51Q\M3Y\;<>+!?\ M>>*+[6_$!]/J.N7+*+BXN5"N2]A0* !@*\@ =*PJW?'7C+4/B%XPUCQ+JWE M?VCJER]U.($V1AF.2%&3@#IU/UK"KW(T4K6/.E[V?=_[-:-J'_!/?XNVI\NI MEGCN-09HU&2 +2W8G\@3^!KX8T^\?3[ZVND 9X)5E4-T)4@C^5>T?LT_M6:[M^SA<:I;V^F6_B#0=4*M=:9D; M9H7P[TCP%96,\ES(NG,CO/(X R2D48QQZ$D]Z\^E"K2K37+>,G>]_+L=524) MTXN^]6Q]#_\ !2CP]-XP\._#!XBZ*K;AX>DM7ADNX5+)&LNR2!R1T5@6&3WP M5%2_P_UXH';$0?#6E6TEQ<7UU&CE%)$4>X;Y&QOT55R2?:O8/@'^YQXE M-+#7AMO"NJZ3.^-/"(!$6F7[^6T))*D)M;Y"23M96 [8YSW-Q_P4.M_#VF74 M?P^^$?ASP1J5R&$E[$Z2 YYSLCABR<|_,2.]]PI1Q6&I^PA'!MG=?BMS2;HU-MI^TE*W=6)/\ @!UXQM-9^+'AW0+:=9IM%TTM(=2\6:Y?:SK%Y+]&J7TS3W%U,ORUKFX5_@U?5?D;9U_$AZ!1117W)\X%%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !114EO;RW<\<,$3S32$*D<:EF8GH !U-(^"M.BO3_ "O[_ Q*\?;&M?"UW9P,P!FU+%|%'!['$A#*$?[H>Q ^%?V!-3FV2>)/%% MK:*&^:WTR%IBR^F]!FT_\!-->57S;!8?^)55_+5_A<[:>"Q%7X8/\OS/DVI[* MQN=2NH[6TMY;JYE.U(84+NY[!R;_0WPK^QS\-/#.QY[-N=>N$;<)=4N2P^>F MQ-]$>Q4UZ9;Q>$_AS8^.1;QZ3X5"D=NI]HQDU\]7XJH1THTW+UT_P S MU;>35)?O))?B?GMX3_9,^)?B[RGB\-3Z9;NV#/]K"U">Y1OWF/HHKV/PG^P'M=2>5)X\510\_O+:,2H"^1VQ*^,`_(:]HK]H/PH>Y,:6XU20<8MHB%$,O M/C],UP6M?M,ZI<;E2

&SQY>^*!3;^0"4*C;D<|37$?!7XGS?!GXG:'XRM[*//5)=+>1A: M22&-9-\3QD;@#CAR>G:N(HJXT:<8.FEH[_CN0ZDG)2;U1V_Q[^)\WQF^)^N> M,I//32Y=4>-
C:1RF18]D21CYB!G(3/3O7;_"7]IZ\^%/P;\WNH&VO&ZG((-?6-G_,%!XO$.AVEh\2?A1X=^(-_:KL2^ MN3'$".Y,;P2@$X&=NT9'05\?45-7#TJ!GA45[?+\BH59T_A9J*_%+!M_^,/.
MJ^"_"7PZ|. ^ = U152[33XU:5E#'L HD:C)'4H3!,M<%^S7\?KG]G+QW>^>), M7!HM<>ZTZ33FMYIS"%#2Q2;@P4\@Q 8QWKR>BDL-2C3=)1T>X.M-R4[ZHU?%
MGB!_%GBK6=:DA6WDU*!FO6A4Y*&21G*@IP-V*6\(_M.7?A\/BC$Y*K*&Y MM|8G>8ZHUR5>+<6LCR]N#_JO4=?:O%**UE2A-*.EHOT)C.46VGN;?@GQC|GP
M^\6Z3XDT6?[/JFF7"W,#L,KN4]&'=2,@CN"17U3XN_X*#6/C/1;HZA\(=!F\ M4S6,EDFNS7"R-#O4J2BM#O"\D[?,_&OCNBLZN&I5I*4U=Hf%:=--184445TF M)^\E_HEMXF\
(W&D7H9K/4+\%K2<(VUC')&5;!['!_*;B;1?!>KSVLACN+33YGBDP"0RQD]<'C]!7Q_MK'BS6?$#$ZEJEU>_P $LI*CZ+T'Y5^;1Q%6G%PA-I/HF?72IPDU*44VCZQU
MCXF>%/#BE+G6;1608\FW;S6'MM3./QK@!;_;8TFVW+I>EW5\W3?<,(4~HQN) M_(5\ZT5SFIZ,K7[0GBO4]RVKVVEQG\HGB#-CZOG[*X/5O$FJZ^-24NKTY MSB>9F
^@)P*SJ* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ KZZ M^"[;_ACH1',/0?
E*XKY%KZZ^"ZA/ACH0'_/.0_G(YH [;BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@
KYL_X*&0M+^S:KK*,B.\LV;Z>>H_F17TG7@W!=%E|N_97\$=L13?FOS,*^M*7HS\]?:***_2#Y,**** "BBN@\&_#_M ,2_$34)K'PQH6H:]=PQ^=)#!]NTK(F0-QP.!D@?
C4N2BKL:3>B.?HKTZ3|F M+XM1QLY^''B4A1D[=-E)_9->=ZH-]H>H3V.I6=Q1|] VV6VNHFBDC;T96 M (/UJ8U(3^%IC<91W15HHHK0D**** "BBB@ HHHH **** "BBB@
HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@
P^\3?#N^@LO$^A7^@W<\?G10ZA T3.F2-P!'(R'"*R]'T;4/$&I6^G:78W.I M:A<-LAM;2)I99&]%5023I*M237.GH39WL4Z*!>N?V1?C);Z;]N?X>ZPT."=L
M<:O+_P|^U8O^E>375K-8W,MO<0R6]Q"YCDBE4JZ.#@J0>00>U3"I"[\$D_0J M491^)6(J*L;P'\$_'GQ0M9KGPKX4U/6K2$E7N;>_^4& R5WG"EL=@<\BN=\2
M^%|8\&ZQ/I.O:7=Z/$<.;/M+Z/%HH%R.@E6 ,"0>]-3BVHN5I7:7.TCVW+I>EW5\W3?<,(4~HQN) M;L=)TJTDOM2OIEM[>VA&7DD8X51]2:W?B9\,?$/PA\4R>'?%%K%9: MO'%'\,\$5S'/L5QE?
<11YQO8+GTR< M5'5S1X?M&K6,6=N^=%SZ98"J>PC]S_B =O@/Q'_V#KC_-%M7Q?7V?\ $1MO M@'Q$?^H?./\ R&U?&%?EI]D%%%% !1110 4444 %%%% !1110 4444
%%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %78'PB4K|-M ¦_P"??/YL37Q_7V3\,K?[-\/?#R8QFRC? M_OI=W]:
.GHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH *\F ;PL3J/[-_Q#B"[MND338_MW;/G_P =KUFN6^*FC_| "0_##O?
I>W=]N7>]MMOKOA=?ZUK1ERU(R[-$37-! MH_"VBBBOTX^/"BBB@ K[E_X)8 ,(W^/O^O&U| ¦ VA&7DD8X51]2:W?B9\,?$/PA\4R>'?%%K%9: MO'%'\,\$5S'/L5QE?
.C'KS,R_P!TG_75'9A/X\3QZX_;@^-6A^)+PQ>-))XG\:9!I_B:-H-TD0VEE=VBEC&>2F\! MU!)(Z\G/)P_!/\ 94F|2SR7_P 7=4F;SW>6U?$"%MV2I\^#6BQ0R"/1YS+*-JF-
)7;D/$N2/E).26;,.KYTI476I M>RCR.^]K7\O.YU)5%3GSRYE;O?YGY[U[1X8_8U^,WB_2XM0T[P)>"UE4.C7M MQ!:,RGD$+-(C8_"O4O\ @G/\+=
{\5>/O$/C+788[FR\)6TI18G(XX9E/! KS_P"*Gl.'Q.\?>,K[4M-\5:IX;TCSV-CINEW#6ZQ1_('.MV'+MC!8L2"2<_# 'ISK59U72IH)>[NWY]-#DC3A&"G4OKM8\L\?\ PR\5?"W6
M:I?BS0KS0[UEW(ETF%D7NR.,JX[U)%>I_%3]M# MXG>/O&5]J6F^*M4\-Z1Y{&QTW2]AK=8H@?D#[#EVQ@L6)\). !@#Z7^&'C"; M]LS]D_QQH?C)4OO%/AI#);:DL0$C.
(FDMY3C^,E)$;&,K[DU,L1B:"52LERO M>U[J_P"94;=#HW&FW5ZGQ%H/P9\:>*/ F]>,]*T"XOO#.F,ZWFH1,&FV5HJL M^5W;N%922!T-<77V]_P37\4VNM-
X_P#AEJI\S3l:L#=I QP",>3.![LDD?X(M:\'^"_P>NM4_;FT/P%J$1D?3]=:*^7;PT=JJ/+^!6)A^(K:.)J585/LZ_*Q MFZ-XPE'KI\SC?B-\&O&GPC_LT^+_ (I+2Z(-+*4?
R)D^'F9(G/LM>5?\ !.O2;3P7X=^)WQ?U1/\ M0|&T|K2)O(P5?/G4> ^$@_W]YH8Z4L*ZS?O+2WGT_,VEAT]RHZ/4^,_$&@: MAX5UR_T;5K9K/4["=
[:YMW()CD4X9202."U>D>|?V4_BQ\2-)@U/0/15]?M&>.OVC/&_P 3-83PWH'Q T'PO873VVFP:'IU;I) M%&Q596:-!O+XWQG"E'E]H>]NECY.^(7PM\62"C
M6%TOQ;H5UH=ZZEXUN%!650<%D=25<9[J32?#SX8^-%/BOK$]'FUK4H;=K MJ2WA95*Q*RJ6)8@8RZCKW%?>-AI?C+XY_L7^-=.^*F@ZM9^^O#*37NFWVL6# MVUS.
(8O-1AO5=Q(#Q,PZ(@C)SS7DG_!,'_DOFO | 8LW'_I5:5G]>(_# | 9C^*Q1TZ[O_UX1N[^RM9&ADN))8K=*ZDAE0RN
MN\@@@AT@CW7$D:%7D?//B=]5Y<6STGOCR^LUN+&N%4$[WD:X8*_/,,\(4=*]6(KTZ,]I-M2*MT77YB5*G*HJ<6H]^~>$W_P"Q7\;]-T=M3F\ WK6RKN*07%O-/C_KBDAD
M)XZ;,\5EB>"5XI4:.1&*LC#!4C@@CL:[\9?$S]H?X)>.I;CQ)XD\5:7JGG$ M@WUQ)+97&"?N(V89$ZX"@@>U>&:MJESKFK7NI7CB2[O)WN)G"A0SNQ9C@<+#D
MGI770E5DK$::Z6N85%!;133\RI111748GW;_,$K2^1@^(G_%ZV7_H+7 MG[>'QSBO)T7QQA5=@![_9-CT'_P"N%:O[$?[1WA?]GG6O%<_BB#4)8-5M[=(6
MT^%9"K1LY(8%EX(?K[5Z#I-Y^QGXXU*#3#I&N>&)[A@HU*\N+E4+GNS>=(JY M/PZ>]4C&&)]3JTG).UM$]EJ>G&3E2A&$[-7ZV/ECXH_&3QA\:-7M-3\
M9:RVLWMK\]FAD^SQ0!(]Q;&V)%7]3SC/Y"OL/IFK3[/_&;?V2/$'QJDT^&] M\5:F'BT\W"_ZN/SA!$@[(3)ND;&'R@#L#7AG[6W!*<_[;LZ==Z=?R:QX3U8
ML+2ZF4"6&0&+[DSZ>[?\#CED/ZF MKQ$Z=:E2A2^"4DNVG8FG&=.\$^B+7Q+7WM^TD?MW_!//X3S7&1+*#)(@CW'DXM9T'X;.TKTX4*!&=-M-6NI.Q-.4JE.<9N_4R?
VS/&WB#X)^$OA+X\$ZU?^&M)M[%6YDDTBY>W:YD^ M4;F=""W(9_0E\G)QC+_;&O3X_P#V;O@EX]U0+)XEN[Q<^M97_"_/A#\#[+!JWA\1M]LA"J-K[@<$[%R" MO!!
(8;B*[19-$;_P#&>@6-GI<_A;X$_#.RWSM]$@5IE51\LA!.'RQ<_,Q"_M*[%@S@5R1BZ"A*<:,#;;[WOMWO=&TFJG,HN_-:R_K;QSOI._AG3/V9?A#>?'-M7Q?:I-
X@OXVM?"6DS\|.I'G$=0&&>>T88C.|:^2_%'B;4_&GB+4==UF[>^U M34)VN+BXDZN{')^@[#@_"O]SXB>?&_P"W#XKU'Q)H'|F^&?AGX=/|G:5= M:Y<&SLXT& 2,*?
G;Y2<+A1L7/ SXC\;_V;_&7P'.GS>((K.\TK4,_9-6T]{S^-- C7 9]0MU&>G,BUZ9(D&7=@H'N3BONFWA%O!"$OW44*/P&*)**** "BBB@ HHHH ***M* "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH ****"B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****M* "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH M **** "FLHD4]PW*PP0>].HH _!7Q)11T+Q%]FFL,-9W4MN<_P"PY7^E9U>I M_M3>&_|A%/VB?
B#!^W8IU>;Z1<8PLQ\Y0/;$@KRROT^G+GA&?='Q\H\LG'L M%%%%;$!7W_P2Q_Y&[0]_P!>-K_Z,>OAFO9OV?VEM0_9K\0=QU]I=_P!L/QY\>M/&
MD:E);Z+X=5PYTG2T9$E*G*F5F)9\>F0N0#MR ;Y*L,1BHJG*^K]HO?;M8VA M*E1;FI7?H>Z_\$SM3M-6T_XH>#9KA(;K4K,":%#]YH|LL4K>X4R1?]H5\6>* MO"^I^"?
$>HZ%K-D3HZG83-!/!*I4]P/7G]#U![@@IZN>_?'VN_#'Q98^)/#= M:C#*RGAE()!KZOF_X*\>K:O9L3%,H# @C#*RGAE()!KZOF_X*\$O#WB76H_W\MQ&/-MF
QE%DMY&3_OLUK*%:A7G4IQYE*W6UFO4E2IU*<83=FCI_V+;&?X,_LQ_%3X MB;XK:=8ZC !8F=2IF\J.18V4'J'EG"]R#7#?\$P?^2^:,_|JBS:S7K0JX&
[%>A_LU_'ZY_9R\=WOB6UT;+7'N MM.DTYK>;H/<$'O7W%^Q;8S_!WIF|XJ?$?7%,3K'48_+$5] M5,WE1R+&R@!0\LX0'N0:YB;_(*:)XCCL|CQ?\ ]+PIXEUJ #-_+<1CY@,9
M19+>1D_[[-?0_M\?M<^+7C!9VND7-O:^'_"JX>'1],SL9@&,*9&/WIHZ */M3/-/!VO/+Y5FMZ MMK=L3P(0@8!"?7:KEQHHK]'I/A9;?"WIGXG_&"[MU71;;PNNH1LW"_:&5A.
M%/\ >VVI)_Z[CUK\HZ^I_B1^WUXB^(WP7N/ =QX?M[2XN[."TNM92[9GE"%" M/>7MP"^T@\G 8TL;AJE6I&5+JK2]+I_YAZFI[1:GTU7]=S^P;XD_X6II?Q>-^M&VN7 D;Q-
9RZDI?M)(#%/)]+KSS M;Z'HX4OYSY^B);QG_>KY6^!?Q@U#X%?$K3?%^GVJ7[V]R12V5%=1^TU^TSJ?[2FO:-??FE1.);.;7;/#!9PSF8;W;+R%BHY{5!C'\ MI3PM1XI-
+W+IOU2M_D_.:*HV?Q:KY,]2_P""9OB2TTCX[:GIMRZQRZMHTL-M MD_?D22.0J/\ @"N?^_U1^.W[27QV^%?Q:\4>&[CQC?V4-K?2FS5K6##VK.3"
MZDQ\@H5Y^HZ@U\R>']?U?KBE5FJ^D?DVGZG92K/W44;?C=3D$&OK&S_,"@_M\7B'0[2T^)/PH\,_$&_M5V)?7)CB!'L3?^-+Z[FVIMWANX5@A7=$PVL"R MH"
0<=1UKUS_()@_P#)?-?_.Q9N/\ TJM*Y.XI?MH'QAX!U7P7X2^^7AWP M#H&]*]7:;?&K2LH8-@%$C49(ZE"?IUK@OV;_C|<_LY>.[WQ+:Z-%KCW6G2:<
MUO-.80H:6*3<&"GD&(#&.].11E4PTX1]J+?33]-!1FHU8R<[I'+?&+_DKOCC M_L.7W_I0]8_A_4==\+W5OXBT6>^TR:SG"Q:G9EX_*E()"B0="0#QGD9[4WQ9 MX@?
Q9XJUG6Y(5MY-2O9KUH5.0ADD9RH/<#+=BO6/\>_VH+_X$Z?K.BS^&!,\6 M^&-7=9+52]1&-S*,95B&7'!4,K#@=._;+GC22C&[!.N64]?79'TA^R?^U9X@ M^/?B>'X6?
$G1[^QAIVI6TV+^^5U4.OEQL_P""A#8P(7;&.4AB.3FOD'X\>![# MX>_&CQ=X8T9FFT[3]1D@M5W%V5,Y5">Y7.WZBO?6_;ZT[PKI[[_PKCX.^&? M>KW:&-
]1@,'M2\/R7:&2!=1M7A,B@@$KN SC(SZ9%6WE&0 $H'QC< 0<9S@BDT[3KK5[^WL;& MWEN[RXD6*&WA0N\CL#M79'\10M9^;N M8,^;>R:*8C'4,Y%&>E2KIEQ\=O\
@F_86FBQMI.M>'=H:SA&^3=;2D%0!SN^ MSN& ZG(?%'Q2^+7RESPSP3-?\5ZFVHWQ7RXU"A(H(P20D:#A5&3[D\DDDFN ML_9[_:9\5_LZ:S=3Z)Y-
I5[M^V:3>9\]4CHZD'*. 2-P$'`KB^IU(4(]-G M.+YO+T.CZQ"51M_"U8\OT?1[WQ!]MIIFFVLM[?W1Z.\KX]=K>E8+?\%%-'TRYNM5\ M/_!30-\2S(1_:QND=R3UW[+=\8>V\?
6OE/XE?$KQ!\6O&%[XE\37QOM4NB M6 VI&@X6-%"']!T'U)R236RA6Q%6$ZD>51UWO=_(S\]=*$HPE=LK>_O_^K_$ MKQA!7AG0K8W6]ZE,(84_A'3R75W<2---/,Q9Y'8D
MLS$]2222?>MY4Y5]UYKW8|>;[_+IVF:D]=.T=W^_"_"/7PSP3P*\%'S_"-MFYCTNXO#)=^6-I>8?!_]JR3P#\/9O 7BOP?IOQ!\&E;!1;Z=]$IB>VO/X6<.;?
B1^TOQ6<1_#GQ_3T^RL/SP*.M^.Z^O_B\XC^&NO%C@>0!^;*!7R!7Y>?8A1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M-M4 %%%% !1110 4444 %%%% &YX%LO[1\;:%;8RLE["&_P!W>,_IFOM2ODKX M'V!O_B9I'&4A\R9O;"-C|<5]:T %%%% !1110 4444 %%%% !1110 4444 %
M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%%
!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110
4444 %%%% !1110 4444 %%%% !1110!^5 M7_!2#PZ=%_,.DO@F%U?2K6[W>I7=_?OQ"/TKY9K]/\ @]=X2)C\!^)XU^53 M<;,.V/?;)$/TEK_Z_0LOGI3"P?
R^X^7Q4>6M)!1117HG(%%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %=C_BYXG M^#^.I7^H^%+Z/3-1O;1K)FO[//)
(D;$$A"ZG8E^"M:UG0KW6;.Q,VFV>X3S^8@\Y;5>@)P"#P#UH Q**** "BBB@ HHHH M ***** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** O:)HE]XCU2#3M.@-S>SDB.(.
M%S@%CR2 . 3SZ4 4:*NZUHM[X=U2?3M0@^SWD! DCW!L9 (Y\(/!'2]5 !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 >R?LRZ;YWB75KXC(M[41 M ^A=@?
Y(:^C*\>_9GTS[/X5U*^*X;YN]@IU11@_FS?E7L- !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%%
!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 ?._]0+PC
,)5^S1K=PB>9/HUS;ZE&._#^6Y_!)7/ MX5^2=?NQ\1O"I^NWQT_Y)9K7_;#_-'Q MU\F5]9?';_DENL?6'_T%%%% !7NGPM_P"2#^,?|Z[_/2>.O"Z M)T^%O_)!_&/^]=_^D\=
'BVD:5+32UW;E1.V]?*CW*&&?SCH0<#GV]+X6_P#)1/#_ /U]!?HGQV^(N]Z=_MXBGT'3)6TVW14EGFMSMDG=E&,L.0 ,#\/H!]_K7;WQIH/B' M0=8N)-0@6-0C7#%V"R!E9.&&-I9I&")'&I+,Q. !U M->@6OP%\8W-]}OL$4)(W".6X0/\
EG@_6JGP5O;&P^(^ER7(D9WI&GW5D* MD+ ^JQ]2*Z3XO>'_&FF^*K_5Q+?3ZN:_;_9T6 M]\/ZE-8:C;M<W<)P\3XK.XJE5S5M8O=>OFO-0N9+NZ955I9#EB% MS^
JG0 4444 %%%7-&TU]8U>QL(^9=3I"N/5F_K0!];?"?2/(%^'>AVY7:_M[P"=O7,A+_]!8_"NNID,*6\.<4:[8XU"]OH _4^@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH
**** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BB MB@ HHHH **** "OQK_;%\"_|*_!VC?&=BD?EVMY=?VE;X& 4G E./8.SK_P M&OV4K\|?
^"I'@%H=6\&^-88OW<\,FDW,@'1E)EB!]R&F_P""^:)O**O)B.5 _;.M7_!/.QT.:E?L?!U%%%?<'SH4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %>&(C(_&@#;^)U MG+:_$+0!'(C!FO))0.?PL2P/Y&O4?AS;'QE\|#-;T*V8/?0NX6+N3D2(/^!$$ M?
@:YG6OV@-4UK1[JS?2=/CGN8&MY+E58D(P(;)XX/]:X3PMXNU3P;]:WVEW M)@EZ.AY21?[K+/W'^10!F26LT-TU[\|+I<*_EM$RD,&SC;CU5VKW#7(?\ _"+ M2K_]QJ>I/Q
1\RYD#D$>R ^A.*R5_;2U7B630|-\"Y$X#'C'X9SC\:\!!7> M--5\/ZB+55;CS&4,8XD&V.(>BC^O4^M 'J/P(_Y)[XX_ZX-_Z)>O$JZOPE\1 MK[P?HNKZ9:VUO-
%J2%)'F#;DRI7C!'8URE !7>? O_D]>B?]M_\ T1)7!UJ^ M%?$EUX1\06FKV:QO<6Q8JLH)4@J5(.",Q-'4_&]SN)?B=K<)!(ZEHL,J$C_^M
%25R&R2F/JEC=RQ21^3.DHW*1G:P->I?\ =3&6N_P#0*T[_,B?_%5S?CSX MPZG\0-'BTZ\LK2VBCG8x:-N)"L,>?:WKS7X;>&;OQ1XPTVWMHF>.*9)IY /ECC5@22?
PP/4D5I^"_M_C-K_@NR^PQ&'4+ ?<@O S>6/12""'|'(]JVM2_:(UN:Q>VTVPL=(WYS+'T9 MAGNN> ?<@T /^.6J6WB3XFV>GQSCR;9((25^RNSDMS!:A^(-=/\ &7Q9J?PW

M72=#\-JND;X!(‘R-U&.PZ> MU^88 M-R$);OSV/?UH I?M Z'I^B>.(_L$26_VJU6>:.84.69-/$'G7$C7NI7LJH. -S$A M54#H!T %>K?*
&O7HM!\)Z'X)AE6XN;6&%KJ1>@V)A1}2?F^@'K0!XI1110 5Z M/\ M"_MCXA6\[+NBL(GN6STW?=7\<5]%?LT:%]E\/ZGJSKA[N<0H3_ M ‘$'4?4L?^^: /9J*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *\4_;(^'/ M_"R_V=_%=C%%YM_80?VK:8&3YD'SD#W:/S%_X%7M=-DC2:-HY%5T8%65AD$'M]"*TIU'2G&:Z,B<5.+B^I^_U%=Y\=OAW)*?B]X]\+-&T<-A?.+;=U-NWSPM M^,;(:X.OTR,E.*DMF?(R3BVF%%%62%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %>Q LB?\G+?#W_ +"_;P#H+5Y!7LW\&ZAOVG/A^:,C(>QY_P"N3USX MC^#/F?Y&M+^)'U1^IOJ0')-;O\ Z[P_^A"OE>OJ/|H8G_A7,OO=1?S-?+E? MFA]<%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 6M+U2ZT74(+ZRE\BZA;= M'(%!VGUP1BF7]_<:I>37=W,|QH** "BBB@!54NP5068G ZF MOM+P/X?'A;PEI>EX >W@428[R'YG/_?1-?,'P=\,_P#"2?$#3(77=!;-]KE] M-JNZ2!C[E?-&?]A17P97[8?M'?# ?&#X+> M*/#*1B2^GM3-8YZBYC/F18/;+*%/LQK\49(WAD>.1&CD0E65A@@CJ"/6OM\H MK^TH 0PR/M4[_*WE(KQ*O=?V'463]JCP&&&1YUR?Q%,1 M7+BOX%3T?VA\C^+'U1^FGI1<5%>?A|& (+=;BUT>58&&5BNH&6(>3+H#$$ MCZ"LSQ+XU(P?L.KZ;+;.(YPLF0Z$^FY21GVS6YK_ .:?%FN7;2K]^^N_[PY;^)/'!LMU&)8+..KLQGH MQ4(@+GVW,#^%7OBM\4->O/&6I6=GJ=U!|E8SM;QQ6LK1Y*!9BI!))!^G% "%M^)/!NM>$9DCU?3Y;,O\ <9L,C>P9203[9JAI>DWFN7\5E86\EU=2G"11C)/_ M -,WKWCP'JTWQ<^&FN:+J[?:)1LQ^YN&7+Y*DQ,3W8,K GN/J:YKX%+]AT+Q MQF\ 'V^SL/W#]URDC?J47]/ ,.U]X6^*?#6GM?:AI,D5JHR\B2)(S_WH<I Y]6O8_V>]6O=7\2ZMC=6+O-',Y<%MKGGU#L#ZXGH/A_X$E\<>*!8 M1L4L(29+FY[)&#Z^IZ#!^QH J0^[-4E\(3>)?$,&F1OY:F9]KRG./D&.>?Y' MTKG[|fXL^.(?$>HP;3I($7A_2QY-K'"PKD#!?^@]N>YK@:-"BBB@ HHHH ** M** "BBB@ HHHH **** "BBI|/L9M3OK>SMUWSW$BQ1KZLQP!^9H ^@_V;/#' MV/0KW7)4Q+>/X,)(_P"6:=2/]V1_P"O9JSO#NBP^'=#L=,@_U5K'L0./O$#E MOJ3D_C6C0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M 4%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %?DA^WA\(-M?^%6_';4+VT@\K1?$@,J6NT859&>)X_PDRV!T$BBOUOKYN_;T^#V^*/P-O-0 MLH/.UKPTQU.VVC+/$\B=!)4^?'IZ/\C>A_%CZH_1 MSI!?_D1:#_1)1_|HJ6OFJOI3]H@_P#%#Z>/^HBG_HJ6OFNOS<^L"BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHIT43SRI'&C22.0JHHR6)X]: 'V MEI-?745M;Q--/*P2.-!EF8G %>Y>(H(/@[*1X?616U_5U9IPASL# !S] H MV#U.3ZU'H.AZ,\#_ \NOZXBW/B;Y0K:660?*R.GZ_,W;.!F^.^(/$%]XGU: MXU+4)C-=3-DGLH[*!V ["@#H/A-XP@\%>-+:^N\BRD1HD\V)*]V/FP.N" ?I MFO1?&'P7@\;.QUVP:TO6\^197)"LWWB&7/4G.#C!.*\,AADN)!*%&TL MASA44DG R>/I354LP4 E8< #K0!!0?!OP5I_@N;58H==@U?4)$C-Q';8V0]"MVW)R>3SUQJ*\.^'?Q ;P'K5U,;87NFWB&&YMI+]FU751L@MW."RE8P1ZCGO7@] 'K-CX_P!!T>.ZL_ N@7D& MLZ]:,";ZDW&/<<80!CW/'3G!..<8K6UBQE\&Z#9_#[P\!<^)=6 ?49HSC;I&2 MF>PQG_@Q_BK.^'^FYWPW\)R^-J6B5[^=3%I-J_5B1C?^///|T'^*3X!ZE) MK/Q0OK(4)3/>3VDLGF-U+ETS_P"!.[J *.GP(O9!<6UEK^DZAK%NI:?389OW@ MQV^O:D#M7F4L3P2/'(J21"596&"".H->A_"?[8OQCLPP?!1]HN!/US]Q]V?Q M]:YWXD-$_C(O 8<>?]NE^[TSN.?'US0!SE%%% !1110 4444 %%%% !1110 4 M444 %>I_L[>$O[8\42ZQ.F,;35^3(X,S @?D,GV.VO)NO Y-?8?PM\)_|(;X M+L;)TVW<@\^Y]?,;D@_087_@- '6T444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !3719$9'4,C#!5AD$>E.HH _&G|K3X+-\#OC/^CV\)CT. M)\ .&EMCCI/(3^[^XP9/7"@IZ\.KI8?V^O@D?BI\)=9T^W\W7_#&^^@V+ MEY;?!+,?\| <>|>!UK\G[0.OQ/UF@F!UHSYC%4O8UE&LPHHHKTSC"BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH *^C/^"?D0D .E\,,>L=O>L/K]FD'!: ^_P_P## M36N_] K3O_(G_P 51_PTUKO_ $"M,_\ (G_Q5>/44 ;VD^-+_ 1?%S>([585O MFFDFV,A,>7SN&,YO\Q[UW\G(1>H;O/C\/Z6EYC_7LK$Y_,'!;\BH W/%OC; M5_&U\+K5;HS%,B.)1MCC!(*QY<|3CK67!MQ:!:Z.9?5O|KMXY%>2WW|(,4') M7=@XSTS5>B@#]?B#X^NO'VJ17$D"V5G;QB.VLXVW+$O?G R3|!P .U8FAZY> M>&\|6MM2T^;R+NW;-39+B:RT;2=-U2Y4I-J-O M!^]:W!)Z_7->9LS2,68EF8Y))R2:2B@ HHHH **** "BBB@ HHHH **** "B MBA5+, !DG@ 4 >B _WP9_P)5XQCN9X]UAIN+B7(X9\ (OYC/T4U|5UQGPE\ M&?! "%>#;6WE3;?W'^D761R'8<+ ,;&!]0?6N5H **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "OG#]MG]FU M?CG\/3J6D6X;QCH:--9;1\UU%U>W/J3C*YZ,, ^ESK-K$O* MM<,>)Q_L2$ -Z,<_Q\?$=?HF'Q$,3352!\M5IRHS<9!111728A1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !7US_P3'C,G[0&L,.B>'+AC_P"!%L/ZU\G3@?\$PC\/QX\OOCY M5\-3[?J;UQ_(UY^/_W6IZ'5AOXT3[#_ &H_^99_[>O_&E7@>[_M1GYO#(' M_P"OG_VE7A%?GA]2%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110!):VLM[?#:6[!7U&XQ)=RCNV.%!]%Z#\3WKS[X_# M(VZQ^*:3BQ(Z_P"'@PN.BG_E?]J.!9/<5IE0 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4

"BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@#F/&?PQ\{_$2 M#RO$WAK2]=4#:K7UHDKI_NL1N7\'"\#\;_\ !.;X2>)O,DTJ#5/"UPW(.G7A MDCSH,'XJE*U]1T5T4\16H_PY-&4Z4*GQ1N? G!XT_P"""7/BFQ+R>%O&&EZO'MU$.IP/:28] 5\P$_7;^%>*>*OV)_C/X2\QIO!-UI,"I}=*ECN|WN$C8O^:BO MV*HKU*><8F/Q6?\ 7D<XZ>5?VKP/^3@& MLJOWTO+&WU&V>WN[>*ZMY!AXID#HP]"#P:\^\0?LW_"SQ/N.H_#_ ,/22-]Z M6'3XX9#]70!CT];]"&=Q^W#[FQ_\ !/GX+:UN:WT"]T9V MZMI^I3=>>0)& <#\!CBO/]4_X)=>!)BW]F^+/$5ISQJI\B?''M&G? />NR.<8 M:6]U\O\ (P>!K+:S/S4HK[\U3_@E6WWM.^) /_3.ZT?';KN6;U!]Y.] X)<^ M.X] V3Q;X=G&/E\X3QY/H<1M@>_ -=$7\ M -:,,?\27#?3_1K4?TKYWNO^"9'Q6MXPT>K^%+DYQLBO;@$>_S6X'_ZZ^S/-MV-?@GX@^ OPIO?#OB62RDU";5!KU38RM(GEM%$@!)5>Y?$SX- ^)/%7CC4]4L(K=K2X M,>PR3!3Q&JGCZ@US4?I,_BZ1L%+*,?WFN./T!KY$]P\RHKU:+]FWQ3)G=

Cover - shares 9 Months Ended

Sep. 30, 2024

Nov. 07, 2024

Document Information [Line Items] Document Type 10-Q Document Quarterly Report true Document Period End Date Sep. 30, 2024 Document Transition Report false Entity File Number 001-40495 Entity Registrant Name Angel Oak Mortgage REIT, Inc. Entity Incorporation, State or Country Code MD Entity Tax Identification Number 37-1892154 Entity Address, Address Line One 3344 Peachtree Road Northeast Entity Address, Address Line Two Suite 1725 Entity Address, City or Town Atlanta Entity Address, State or Province GA Entity Address, Postal Zip Code 30326 City Area Code 404 Local Phone Number 953-4900 Entity Current Reporting Status Yes Entity Interactive Data Current Yes Entity Filer Category Accelerated Filer Entity Small Business true Entity Emerging Growth Company false Entity Shell Company false Entity Common Stock, Shares Outstanding 23,511,272 Entity Central Index Key 0001766478 Amendment Flag false Document Fiscal Period Focus Q3 Document Fiscal Year Focus 2024 Current Fiscal Year End Date --12-31 Common Stock Document Information [Line Items] Title of 12(b) Security Common stock, $0.01 par value Trading Symbol AOMR Security Exchange Name NYSE 9.500% Senior Notes Due 2029 Document Information [Line Items] Title of 12(b) Security 9.500% Senior Notes due 2029 Trading Symbol AOMN Security Exchange Name NYSE

- Definition

Boolean flag that is true when the XBRL content amends previously-filed or accepted submission.

+ References

No definition available.

+ Details

Name:dei_AmendmentFlag Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration

- Definition

Area code of city

+ References

No definition available.

+ Details

Name:dei_CityAreaCode Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

End date of current fiscal year in the format --MM-DD.

+ References

No definition available.

+ Details

Name:dei_CurrentFiscalYearEndDate Namespace Prefix:dei_ Data Type:xbrli:gMonthDayItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

No definition available.

+ Details

Name:dei_DocumentFiscalPeriodFocus Namespace Prefix:dei_ Data Type:dei:fiscalPeriodItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

No definition available.

+ Details

Name:dei_DocumentFiscalYearFocus Namespace Prefix:dei_ Data Type:xbrli:gYearItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

No definition available.

+ Details

Name:dei_DocumentInformationLineItems Namespace Prefix:dei_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

No definition available.

+ Details

Name:dei_DocumentPeriodEndDate Namespace Prefix:dei_ Data Type:xbrli:dateItemType Balance Type:na Period Type:duration

- Definition

Boolean flag that is true only for a form used as an quarterly report.

+ References

Reference 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

- Definition

Boolean flag that is true only for a form used as a transition report.

+ References

Reference 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

- Definition

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'.

+ References

No definition available.

+ Details
Name:dei_DocumentType Namespace Prefix:dei_ Data Type:dei:submissionTypeItemType Balance Type:na Period Type:duration

- Definition

Address Line 1 such as Attn, Building Name, Street Name

+ References

No definition available.

+ Details
Name:dei_EntityAddressAddressLine1 Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Address Line 2 such as Street or Suite number

+ References

No definition available.

+ Details
Name:dei_EntityAddressAddressLine2 Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Name of the City or Town

+ References

No definition available.

+ Details
Name:dei_EntityAddressCityOrTown Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Code for the postal or zip code

+ References

No definition available.

+ Details
Name:dei_EntityAddressPostalZipCode Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Name of the state or province.

+ References

No definition available.

+ Details
Name:dei_EntityAddressStateOrProvince Namespace Prefix:dei_ Data Type:dei:stateOrProvinceItemType Balance Type:na Period Type:duration

- Definition

A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK.

+ References

Reference 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

- Definition

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.

+ References

No definition available.

+ Details
Name:dei_EntityCommonStockSharesOutstanding Namespace Prefix:dei_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- Definition

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.

+ References

No definition available.

+ Details
Name:dei_EntityCurrentReportingStatus Namespace Prefix:dei_ Data Type:dei:yesNoItemType Balance Type:na Period Type:duration

- Definition

Indicate if registrant meets the emerging growth company criteria.

+ References

Reference 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

- Definition

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.

+ References

No definition available.

+ Details
Name:dei_EntityFileNumber Namespace Prefix:dei_ Data Type:dei:fileNumberItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

Reference 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

- Definition

Two-character EDGAR code representing the state or country of incorporation.

+ References

No definition available.

+ Details
Name:dei_EntityIncorporationStateCountryCode Namespace Prefix:dei_ Data Type:dei:edgarStateCountryItemType Balance Type:na Period Type:duration

- Definition

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).

+ References

Reference 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

- Definition

The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC.

+ References

Reference 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

- Definition

Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act.

+ References

Reference 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

- Definition

Indicates that the company is a Smaller Reporting Company (SRC).

+ References

Reference 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

- Definition

The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS.

+ References

Reference 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

- Definition

Local phone number for entity.

+ References

No definition available.

+ Details

Name:dei_LocalPhoneNumber Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration

- Definition

Title of a 12(b) registered security.

+ References

Reference 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

- Definition

Name of the Exchange on which a security is registered.

+ References

Reference 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

- Definition

Trading symbol of an instrument as listed on an exchange.

+ References

No definition available.

+ Details

Name:dei_TradingSymbol Namespace Prefix:dei_ Data Type:dei:tradingSymbolItemType Balance Type:na Period Type:duration

- Details

Name:us-gaap_StatementClassOfStockAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_StatementClassOfStockAxis=aomr_A9.500UnsecuredSeniorNotesDue2029Member Namespace Prefix: Data Type:na Balance Type: Period Type: XML 29 R2.htm IDEA: XBRL DOCUMENT

Condensed Consolidated Balance Sheets - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 ASSETS Cash and cash equivalents $ 42,052 $ 41,625 Restricted cash 2,679 2,871 Principal and interest receivable 6,630 7,501 Unrealized appreciation on TBAs and interest rate futures contracts - at fair value 1,651 0 Other assets 35,962 32,922 Total assets 2,303,866 2,308,011 Liabilities [Abstract] Notes payable 333,042 290,610 Securities sold under agreements to repurchase 102,876 193,656 Senior unsecured notes 47,616 0 Unrealized depreciation on TBAs and interest rate futures contracts - at fair value 0 1,334 Due to broker 194,697 391,964 Interest payable 1,312 820 Income taxes payable 2,785 1,241 Management fee payable to affiliate 251,393 Total liabilities 2,038,768 2,051,905 STOCKHOLDERS' EQUITY Common stock, $0.01 par value, As of September 30, 2024: 350,000,000 shares authorized, 23,511,272 shares issued and outstanding, As of December 31, 2023: 350,000,000 shares authorized, 24,965,274 shares issued and outstanding. 234 249 Additional paid-in capital 461,249 477,068 Accumulated other comprehensive income (loss) (441) (4,975) Retained earnings (deficit) (195,944) (216,236) Total stockholders' equity 265,098 256,106 Total liabilities and stockholders' equity 2,303,866 2,308,011 Nonrelated Party Liabilities [Abstract] Accrued expenses 2,000 985 Affiliates Liabilities [Abstract] Accrued expenses 657 748 Non-recourse Liabilities [Abstract] Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts (see Note 2) 1,353,758 1,169,154 RMBS - at fair value ASSETS CMBS, at fair value 283,105 472,058 Liabilities [Abstract] Securities sold under agreements to repurchase 53,164 44,643 U.S. Treasury securities - at fair value ASSETS CMBS, at fair value 49,971 149,927 Liabilities [Abstract] Securities sold under agreements to repurchase 49,712 149,013 Residential mortgage loans - at fair value ASSETS Mortgage loans 428,909 380,040 Residential mortgage loans in securitization trusts - at fair value ASSETS Mortgage loans $ 1,452,907 $ 1,221,067

- Definition

Unrealized Depreciation on Futures Contracts, Fair Value

+ References

No definition available.

+ Details
Name:aomr_UnrealizedDepreciationOnFuturesContractsFairValue Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Interest, dividends, rents, ancillary and other revenues earned but not yet received by the entity on its investments.

+ References

Reference 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(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details
Name:us-gaap_AccruedInvestmentIncomeReceivable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Carrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities.

+ References

Reference 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(15)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1

+ Details
Name:us-gaap_AccruedLiabilitiesCurrentAndNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source.

+ References

Reference 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 (b)(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

- Definition

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.

+ References

Reference 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

- Definition

Amount of asset recognized for present right to economic benefit.

+ References

Reference 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

- References

No definition available.

+ Details

Name:us-gaap_AssetsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1Reference 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(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

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.

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- Definition

Fair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes assets not subject to a master netting arrangement and not elected to be offset.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name

Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-12Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477439/946-210-55-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column A)(Footnote 3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 30: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10

+ Details

Name:us-gaap_DerivativeAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount payable to correspondent broker-dealer.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 940 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481833/940-20-45-3

+ Details

Name:us-gaap_DueToCorrespondentBrokers Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- References

No definition available.

+ Details

Name:us-gaap_EquityAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of interest payable on debt, including, but not limited to, trade payables.

+ References

Reference 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(15)(5)) -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)(15)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details

Name:us-gaap_InterestPayableCurrentAndNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others.

+ References

Reference 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

- References

No definition available.

+ Details

Name:us-gaap_LiabilitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any.

+ References

Reference 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

- Definition

The carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details

Name:us-gaap_LineOfCredit Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of fee payable for management of fund or trust.

+ References

Reference 1: 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)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1

+ Details

Name:us-gaap_ManagementFeePayable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amortized cost, after allowance for credit loss, of financing receivable. Excludes financing receivable covered under loss sharing agreement and net investment in lease.

+ References

Reference 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/1943274/2147481990/310-10-45-2Reference 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(5)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-5Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details

Name:us-gaap_NotesReceivableNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of assets classified as other.

+ References

Reference 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://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: 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 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)(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 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(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_OtherAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1

+ Details

Name:us-gaap_RestrictedCash Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of accumulated undistributed earnings (deficit).

+ References

Reference 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

- Definition

Carrying value as of the balance sheet date, including the current and noncurrent portions, of collateralized debt obligations (with maturities initially due after one year or beyond the operating cycle, if longer). Such obligations include mortgage loans, chattel loans, and any other borrowings secured by assets of the borrower.

+ References

Reference 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_SecuredDebt Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount, after the effects of master netting arrangements, of funds outstanding borrowed in the form of a security repurchase agreement between the entity and another party for the sale and repurchase of identical or substantially the same securities at a date certain for a specified price. Includes liabilities not subject to a master netting arrangement and not elected to be offset.

+ References

Reference 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(13)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.12-12A(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column A)(Footnote 4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 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(m)(1)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 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(m)(1)(ii)(A)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10

+ Details

Name:us-gaap_SecuritiesSoldUnderAgreementsToRepurchase Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant

- Definition

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.

+ References

Reference 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

- Definition

Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest.

+ References

Reference 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

- Definition

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.

+ References

Reference 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 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 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)(15)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details
Name:us-gaap_TaxesPayableCurrentAndNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Details
Name:us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_NonrelatedPartyMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=srt_AffiliatedEntityMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_RecourseStatusAxis=us-gaap_NonrecourseMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_FinancialInstrumentAxis=us-gaap_ResidentialMortgageBackedSecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_FinancialInstrumentAxis=us-gaap_USTreasurySecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialSecuritizationTrustMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 30 R3.htm IDEA: XBRL DOCUMENT
Condensed Consolidated Balance Sheets (Parenthetical) - $ / shares Sep. 30, 2024 Dec. 31, 2023 Statement of Financial Position [Abstract] Common stock, par value (USD per share) $ 0.01 $ 0.01 Common stock authorized (shares) 350,000,000 350,000,000 Common stock issued (shares) 23,511,272 24,965,274 Common stock outstanding (shares) 23,511,272 24,965,274

- Definition

Face amount or stated value per share of common stock.

+ References

Reference 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

- Definition

The maximum number of common shares permitted to be issued by an entity's charter and bylaws.

+ References

Reference 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 Reference 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

- Definition

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.

+ References

Reference 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

- Definition

Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation.

+ References

Reference 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

- References

No definition available.

+ Details

Name:us-gaap_StatementOfFinancialPositionAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 31 R4.htm IDEA: XBRL DOCUMENT

Condensed Consolidated Statements of Operations and Comprehensive Income (Loss) - USD ($) $ in Thousands3 Months Ended9 Months Ended

Sep. 30, 2024

Sep. 30, 2023

Sep. 30, 2024

Sep. 30, 2023

INTEREST INCOME, NET — Interest income$ 27,444$ 23,900$ 78,558$ 71,403Interest expense18,42416,49051,49550,742NET INTEREST INCOME9,0207,41027,06320,661REALIZED AND UNREALIZED GAINS (LOSSES), NET — Net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS(6,335)(12,044)(14,527)(27,056)Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts35,17217,29948,51427,868TOTAL REALIZED AND UNREALIZED GAINS (LOSSES), NET28,8375,25533,987812EXPENSES — Due diligence and transaction costs254115663136Stock compensation6044471,8641,195Securitization costs04161,5832,326Management fee incurred with affiliate1,2041,4453,8104,460Total operating expenses3,8214,39213,98315,577INCOME (LOSS) BEFORE INCOME TAXES34,0368,27347,0675,896Income tax expense2,83203,261781NET INCOME (LOSS) ALLOCABLE TO COMMON STOCKHOLDERS31,2048,27343,8065,115Other comprehensive income (loss)2,706(1,607)4,53412,955TOTAL COMPREHENSIVE INCOME (LOSS)$ 33,910$ 6,666$ 48,340$ 18,070Basic earnings (loss) per common share (USD per share)$ 1.31$ 0.33$ 1.79$ 0.20Diluted earnings (loss) per common share (USD per share)$ 1.29$ 0.33$ 1.76$ 0.20Weighted average number of common shares outstanding: — Basic (shares)23,757,03924,768,92124,445,10524,706,568Diluted (shares)24,079,24724,957,66824,778,46524,933,833Nonrelated Party — EXPENSES — Operating expenses$ 1,287$ 1,370$ 4,619$ 5,788Affiliates — EXPENSES — Operating expenses$ 472

$ 599$ 1,444$ 1,672

- Definition

Noninterest Expense Due Diligence And Transaction Costs

+ References

No definition available.

+ Details

Name:aomr_NoninterestExpenseDueDiligenceAndTransactionCosts Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: duration

- Definition

Realized And Unrealized Gain (Loss) on Derivatives and Investments

+ References

No definition available.

+ Details

Name:aomr_RealizedAndUnrealizedGainLossOnDerivativesAndInvestments Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Realized and Unrealized Gains (Losses), Net

+ References

No definition available.

+ Details

Name:aomr_RealizedAndUnrealizedGainsLossesNetAbstract Namespace Prefix:aomr_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Realized Gain (Loss) On Derivatives And Investments

+ References

No definition available.

+ Details

Name:aomr_RealizedGainLossOnDerivativesAndInvestments Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Securitization Costs

+ References

No definition available.

+ Details

Name:aomr_SecuritizationCosts Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Unrealized Gain (Loss) On Derivatives And Investments

+ References

No definition available.

+ Details

Name:aomr_UnrealizedGainLossOnDerivativesAndInvestments Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: duration

- Definition

Amount of expense for award under share-based payment arrangement. Excludes amount capitalized.

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- Definition

The amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period.

+ References

Reference 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

– Definition

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.

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- Definition

Amount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations.

+ References

Reference 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

- Definition

Represents the total of interest and dividend income, including any amortization and accretion (as applicable) of discounts and premiums, earned from (1) loans and leases whether held-for-sale or held-in-portfolio; (2) investment securities; (3) federal funds sold; (4) securities purchased under agreements to resell; (5) investments in banker's acceptances, commercial paper, or certificates of deposit; (6) dividend income; or (7) other investments not otherwise specified herein.

+ References

Reference 1: 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(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 2: 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(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: 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(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: 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(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 5: 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(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 45 -Paragraph 39 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477346/946-830-45-39

+ Details

Name:us-gaap_InterestAndDividendIncomeOperating Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of interest expense classified as operating.

+ References

Reference 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(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1

+ Details

Name:us-gaap_InterestExpenseOperating Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of interest income (expense) classified as operating.

+ References

Reference 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/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1

+ Details

Name:us-gaap_InterestIncomeExpenseNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_InterestIncomeExpenseNetAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of expense for investment management fee, including, but not limited to, expense in connection with research, selection, supervision, and custody of investment.

+ References

Reference 1: 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 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 850 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1

+ Details

Name:us-gaap_ManagementFeeExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, of income (loss) available to common shareholders.

+ References

Reference 1: 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 2: 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 3: 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 4: 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 5: 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 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 7: 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 8: 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 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B

+ Details

Name:us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Total aggregate amount of all noninterest expense.

+ References

Reference 1: 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(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1

+ Details

Name:us-gaap_NoninterestExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Generally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense.

+ References

No definition available.

+ Details

Name:us-gaap_OperatingExpenses Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_OperatingExpensesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount after tax and reclassification adjustments of other comprehensive income (loss).

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- References

No definition available.

+ Details

Name:us-gaap_WeightedAverageNumberOfSharesOutstandingDilutedDisclosureItemsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Details

Name:us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_NonrelatedPartyMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=srt_AffiliatedEntityMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 32 R5.htm IDEA: XBRL DOCUMENT

Condensed Consolidated Statements of Changes in Stockholders' Equity - USD ($) $ in Thousands	Total	Common Stock at Par	Additional Paid-in Capital	Accumulated Other Comprehensive (Loss) Income	Retained Earnings (Deficit)
Balance at beginning of period at Dec. 31, 2022	$ 236,479	$ 249	$ 475,379	$ (21,127)	$ (218,022)
Increase (Decrease) in Stockholders' Equity [Roll Forward]					
Dividends paid on common stock	(23,942)		(23,942)		
Stock compensation	1,195	1	1,195		
Unrealized gain (loss) on RMBS and CMBS	12,955			12,955	
Net income (loss)	5,115				5,115
Balance at end of period at Sep. 30, 2023	231,802	249	476,574	(8,172)	(236,849)
Balance at beginning of period at Jun. 30, 2023	232,676	249	476,127	(6,565)	(237,135)
Increase (Decrease) in Stockholders' Equity [Roll Forward]					
Dividends paid on common stock	(7,987)		(7,987)		
Stock compensation	447	447			
Unrealized gain (loss) on RMBS and CMBS	(1,607)			(1,607)	
Net income (loss)	8,273				8,273
Balance at end of period at Sep. 30, 2023	231,802	249	476,574	(8,172)	(236,849)
Balance at beginning of period at Dec. 31, 2023	256,106	249	477,068	(4,975)	(216,236)
Increase (Decrease) in Stockholders' Equity [Roll Forward]					
Issuance of common stock, net of expenses	2,25222,250				
Repurchase of shares of common stock	(19,950)	(17)	(19,933)		
Dividends paid on common stock	(23,514)		(23,514)		
Stock compensation	1,864	1,864			
Unrealized gain (loss) on RMBS and CMBS	4,534			4,534	
Net income (loss)	43,806				43,806
Balance at end of period at Sep. 30, 2024	265,098	234	461,249	(441)	(195,944)
Balance at beginning of period at Jun. 30, 2024	255,806	249	478,328	(3,147)	(219,624)
Increase (Decrease) in Stockholders' Equity [Roll Forward]					
Issuance of common stock, net of expenses	2,25222,250				
Repurchase of shares of common stock	(19,950)	(17)	(19,933)		
Dividends paid on common stock	(7,524)		(7,524)		
Stock compensation	604	604			
Unrealized gain (loss) on RMBS and CMBS	2,706			2,706	
Net income (loss)	31,204				31,204
Balance at end of period at Sep. 30, 2024	$ 265,098	$ 234	$ 461,249	$ (441)	$ (195,944)

- Definition

Amount of paid and unpaid common stock dividends declared with the form of settlement in cash.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1

+ Details

Name:us-gaap_DividendsCommonStockCash Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period.

+ References

No definition available.

+ Details

Name:us-gaap_IncreaseDecreaseInStockholdersEquityRollForward Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type: duration

- Definition

The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.

+ References

Reference 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

- Definition

Amount after tax and reclassification adjustments of other comprehensive income (loss).

+ References

Reference 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

- Definition

Equity impact of the value of new stock issued during the period. Includes shares issued in an initial public offering or a secondary public offering.

+ References

Reference 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://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 5: 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/1943274/2147478009/946-205-45-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 7: 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-S99-3Reference 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_StockIssuedDuringPeriodValueNewIssues Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Value, after forfeiture, of shares issued under share-based payment arrangement. Excludes employee stock ownership plan (ESOP).

+ References

Reference 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://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-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2

+ Details

Name:us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Equity impact of the value of stock that has been repurchased during the period and has not been retired and is not held in treasury. Some state laws may mandate the circumstances under which an entity may acquire its own stock and prescribe the accounting treatment therefore. This element is used when state law does not recognize treasury stock.

+ References

Reference 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://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 5: 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/1943274/2147478009/946-205-45-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 7: 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-S99-3Reference 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_StockRepurchasedDuringPeriodValue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest.

+ References

Reference 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 XML 33 R6.htm IDEA: XBRL DOCUMENT

Condensed Consolidated Statements of Cash Flows - USD ($) $ in Thousands9 Months Ended

Sep. 30, 2024

Sep. 30, 2023

CASH FLOWS FROM OPERATING ACTIVITIES Net income (loss)$ 43,806$ 5,115Adjustments to reconcile net (loss) income to net cash used in operating activities: Net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS14,52727,056Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts(48,514)(27,868)Amortization of debt issuance costs2461,040Net amortization of premiums and discounts on mortgage loans1,9892,199Accretion of non-recourse securitized obligation discount3,4551,251Accretion of discount on U.S. Treasury securities(548)(1,201)Non-cash equity compensation1,8641,195Net change in: Margin received from interest rate futures contracts and TBAs4,61812,602Principal and interest receivable on residential mortgage loans86812,806Other assets(1,461)(716)Management fee payable to affiliate(1,367)(512)Income tax payable1,544781Interest payable492(1,880)NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES(196,380)353,744CASH FLOWS FROM INVESTING ACTIVITIES Purchases of investments in RMBS, available for sale(5,733)(1,006,023)Purchases of investments in RMBS, trading(935,573)(853,934)Sale of investments in RMBS, available for sale01,006,196Sale of investments in RMBS, trading927,047832,542Purchase of investments in U.S. Treasury securities(349,595)(848,617)Investments in majority-owned affiliates(2,253)(14,657)Principal payments on RMBS and CMBS securities2,122816Maturity of U.S. Treasury securities450,000700,000Sale of commercial mortgage loans to third parties04,326Principal payments on commercial mortgage loans2526NET CASH PROVIDED BY (USED IN) INVESTING ACTIVITIES86,040(179,325)CASH FLOWS FROM FINANCING ACTIVITIES Dividends paid to common stockholders(23,514)(23,942)Repurchase of common stock(19,950)0Proceeds from issuances of common stock, net of expenses2,2520Proceeds from securitization274,7930Principal payments on non-recourse securitization obligation(122,070)(74,179)Cash paid for debt issuance costs(1,013)0Net proceeds from (repurchases of) securities sold under agreements to repurchase(90,780)135,557Net proceeds from issuance of senior notes48,4250Net proceeds from (payments on) notes payable42,432(442,073)NET CASH PROVIDED BY (USED IN) FINANCING ACTIVITIES110,575(171,318)CHANGE IN CASH, CASH EQUIVALENTS, AND RESTRICTED CASH2353,101CASH, CASH EQUIVALENTS, AND RESTRICTED CASH, beginning of period44,49639,861CASH, CASH EQUIVALENTS, AND RESTRICTED CASH, end of period44,73142,9625SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION - Cash paid during the year for interest46,38648,862Non-recourse CASH FLOWS FROM FINANCING ACTIVITIES Proceeds from securitization0233,319Nonrelated

Party Net change in: Purchases of residential mortgage loans(243,634)(5,469)Sale of residential mortgage loans3,1180Principal payments on residential mortgage loans15,47530,950Accrued expenses1,015(528)Affiliates Net change in: Purchases of residential mortgage loans(182,200)(89,673)Sale of residential mortgage loans66,107313,438Principal payments on residential mortgage loans122,31174,179Accrued expenses$ (91)$ (1,021)

- Definition

Increase (Decrease) in Payments to Purchase Mortgage Loans

+ References

No definition available.

+ Details

Name:aomr_IncreaseDecreaseInPaymentsToPurchaseMortgageLoans Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Increase (Decrease) in Principal Payments Received on Residential Mortgage Loans

+ References

No definition available.

+ Details

Name:aomr_IncreaseDecreaseInPrincipalPaymentsReceivedOnResidentialMortgageLoans Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Increase (Decrease) In Sales of Residential Mortgage Loans

+ References

No definition available.

+ Details

Name:aomr_IncreaseDecreaseInSalesOfResidentialMortgageLoans Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Increase (Decrease) on Margin Received from (Posted on) Derivatives

+ References

No definition available.

+ Details

Name:aomr_IncreaseDecreaseOnMarginReceivedFromPostedOnDerivatives Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Payments To Acquire Debt Securities, Available-For-Sale, Other

+ References

No definition available.

+ Details

Name:aomr_PaymentsToAcquireDebtSecuritiesAvailableForSaleOther Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Proceeds From Sale And Collection Of Loans Held For Sale Third Parties

+ References

No definition available.

+ Details

Name:aomr_ProceedsFromSaleAndCollectionOfLoansHeldForSaleThirdParties Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Proceeds from Sale of Debt Securities, Available-for-sale, Other

+ References

No definition available.

+ Details

Name:aomr_ProceedsFromSaleOfDebtSecuritiesAvailableForSaleOther Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Proceeds (Payments) Received on Mortgage Loans Held-for-Investment

+ References

No definition available.

+ Details

Name:aomr_ProceedsPaymentsReceivedOnMortgageLoansHeldForInvestment Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Realized Gain (Loss) On Derivatives And Investments, Net

+ References

No definition available.

+ Details

Name:aomr_RealizedGainLossOnDerivativesAndInvestmentsNet Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Unrealized Gain (Loss) on Derivatives and Investments, Net, Cash Flow Statement

+ References

No definition available.

+ Details

Name:aomr_UnrealizedGainLossOnDerivativesAndInvestmentsNetCashFlowStatement Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type: credit Period Type:duration

- Definition

Amount recognized for the passage of time, typically for liabilities, that have been discounted to their net present values. Excludes accretion associated with asset retirement obligations.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481639/420-10-35-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1

+ Details

Name:us-gaap_AccretionExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type: xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of noncash expense included in interest expense to amortize debt discount and premium associated with the related debt instruments. Excludes amortization of financing costs. Alternate captions include noncash interest expense.

+ References

Reference 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 -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: 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 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-3

+ Details

Name:us-gaap_AmortizationOfDebtDiscountPremium Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of amortization expense attributable to debt issuance costs.

+ References

Reference 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(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: 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 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-3

+ Details

Name:us-gaap_AmortizationOfFinancingCosts Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

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.

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- Definition

The aggregate net amount of depreciation, amortization, and accretion recognized during an accounting period. As a noncash item, the net amount is added back to net income when calculating cash provided by or used in operations using the indirect method.

+ References

Reference 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_DepreciationAmortizationAndAccretionNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

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.

+ References

Reference 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

- Definition

The increase (decrease) during the reporting period in investment income that has been earned but not yet received in cash.

+ References

Reference 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_IncreaseDecreaseInAccruedInvestmentIncomeReceivable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28

+ Details

Name:us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The increase (decrease) during the reporting period in interest payable, which represents the amount owed to note holders, bond holders, and other parties for interest earned on loans or credit extended to the reporting entity.

+ References

Reference 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_IncreaseDecreaseInInterestPayableNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of increase (decrease) in fee payable for management of fund or trust.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477867/946-230-45-1

+ Details

Name:us-gaap_IncreaseDecreaseInManagementFeePayable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of increase (decrease) in operating assets classified as other.

+ References

Reference 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_IncreaseDecreaseInOtherOperatingAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

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.

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- References

No definition available.

+ Details
Name:us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type: duration

- Definition

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.

+ References

Reference 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

- References

No definition available.

+ Details
Name:us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type: duration

- Definition

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.

+ References

Reference 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

- References

No definition available.

+ Details
Name:us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type: duration

- Definition

The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.

+ References

Reference 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

- Definition

The cash outflow to reacquire common stock during the period.

+ References

Reference 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

- Definition

The cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15

+ Details

Name:us-gaap_PaymentsOfDebtIssuanceCosts Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of cash outflow in the form of ordinary dividends to common shareholders of the parent entity.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15

+ Details

Name:us-gaap_PaymentsOfDividendsCommonStock Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

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).

+ References

Reference 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_PaymentsToAcquireBusinessesAndInterestInAffiliates Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of cash outflow for purchase of mortgage-backed security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-11

+ Details

Name:us-gaap_PaymentsToAcquireMortgageBackedSecuritiesMBSCategorizedAsAvailableForSale Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The cash outflow to acquire securities classified as trading securities and held for investment purposes. Excludes payments for trading securities purchased and held principally for the purpose of selling them in the near term (thus held for only a short period of time).

+ References

Reference 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/1943274/2147482740/230-10-45-13

+ Details

Name:us-gaap_PaymentsToAcquireTradingSecuritiesHeldforinvestment Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Proceeds from securitizations of receivables treated as collateralized borrowings, which are classified as financing transactions.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14

+ Details

Name:us-gaap_ProceedsFromAccountsReceivableSecuritization Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The cash inflow from the additional capital contribution to the entity.

+ References

Reference 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/1943274/2147482740/230-10-45-14

+ Details

Name:us-gaap_ProceedsFromIssuanceOfCommonStock Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The cash inflow from a borrowing with the highest claim on the assets of the entity in case of bankruptcy or liquidation (with maturities initially due after one year or beyond the operating cycle, if longer).

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14

+ Details

Name:us-gaap_ProceedsFromIssuanceOfSeniorLongTermDebt Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The cash inflow from the maturity (principal due), prepayment and call (request of early payment) of a loan financed by home mortgage payments classified as held to maturity.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 12 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12

+ Details

Name:us-gaap_ProceedsFromMaturitiesPrepaymentsAndCallsOfMortgageBackedSecuritiesMBS Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The cash flow from investments sold under the agreement to repurchase such investment.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-9Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-8

+ Details

Name:us-gaap_ProceedsFromPaymentsForInSecuritiesSoldUnderAgreementsToRepurchase Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of cash inflow (outflow) from long-term debt supported by a written promise to pay an obligation.

+ References

No definition available.

+ Details

Name:us-gaap_ProceedsFromRepaymentsOfNotesPayable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of cash inflow from sale of investment in mortgage-backed security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 12 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12

+ Details
Name:us-gaap_ProceedsFromSaleOfMortgageBackedSecuritiesMBSCategorizedAsAvailableForSale Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The cash inflow associated with the sale of securities classified as trading securities and held for investment purposes. Excludes proceeds from trading securities purchased and held principally for the purpose of selling them in the near term (thus held for only a short period of time).

+ References

No definition available.

+ Details
Name:us-gaap_ProceedsFromSaleOfTradingSecuritiesHeldforinvestment Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The cash outflow to repay long-term debt that is wholly or partially secured by collateral. Excludes repayments of tax exempt secured debt.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15

+ Details
Name:us-gaap_RepaymentsOfSecuredDebt Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of noncash expense for share-based payment arrangement.

+ References

Reference 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

- References

No definition available.

+ Details
Name:us-gaap_SupplementalCashFlowInformationAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Details
Name:us-gaap_RecourseStatusAxis=us-gaap_NonrecourseMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_NonrelatedPartyMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=srt_AffiliatedEntityMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 34 R7.htm IDEA: XBRL DOCUMENT
Organization and Basis of Presentation9 Months Ended
Sep. 30, 2024
Organization, Consolidation and Presentation of Financial Statements [Abstract] Organization and Basis of Presentation
The Company's summary of significant accounting policies as set forth in its Annual Report on Form 10-K remain unchanged.Organization and Basis of Presentation

Angel Oak Mortgage REIT, Inc. (together with its subsidiaries the "Company", "we" or "our") is a real estate finance company focused on acquiring and investing in first lien non-qualified residential mortgage ("non-QM") loans and other mortgage-related assets in the U.S. mortgage market. The Company's strategy is to make credit-sensitive investments primarily in newly originated first lien non-QM loans that are primarily made to higher-quality non-QM loan borrowers and primarily sourced from the proprietary mortgage lending platform of its affiliate, Angel Oak Mortgage Solutions LLC (together with other non-operational affiliated originators, "Angel Oak Mortgage Lending"), which currently operates primarily through a wholesale channel and has a national origination footprint. The Company may also invest in other residential mortgage loans, residential mortgage-backed securities ("RMBS"), and other mortgage-related assets. The Company's objective is to generate attractive risk-adjusted returns for its stockholders, through cash distributions and capital appreciation, across interest rate and credit cycles.
The Company is a Maryland corporation incorporated on March 20, 2018. The Company achieves certain of its investment objectives by investing a portion of its assets in its wholly-owned taxable REIT subsidiary, Angel Oak Mortgage REIT TRS, LLC, a Delaware limited liability company formed on March 21, 2018, which invests its assets in Angel Oak Mortgage Fund TRS, a Delaware statutory trust formed on June 15, 2018.

The Operating Partnership
On February 5, 2020, the Company formed Angel Oak Mortgage Operating Partnership, LP, a Delaware limited partnership (the "Operating Partnership"), through which substantially all of its assets are held and substantially all of its operations are conducted, either directly or through subsidiaries. The Company holds all of the limited partnership interests in the Operating Partnership and indirectly holds the sole general partnership interest in the Operating Partnership through the general partner, which is the Company's wholly-owned subsidiary.

The Company's Manager and REIT status

The Company is externally managed and advised by Falcons I, LLC (the "Manager"), a Securities and Exchange Commission-registered investment adviser and an affiliate of Angel Oak Capital Advisors, LLC ("Angel Oak Capital"). The Company has elected to be taxed as a real estate investment trust (a "REIT") under the Internal Revenue Code of 1986, as amended (the "Code"), commencing with its taxable year ended December 31, 2019.

Interim Financial Statements
The accompanying unaudited condensed consolidated financial statements have been prepared in conformity with the instructions to Article 10-01 of Regulation S-X for interim financial statements. Accordingly, they do not include all the information and footnotes required by generally accepted accounting principles in the United States of America ("GAAP") for complete financial statements. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the consolidated financial statements and related notes for the year ended December 31, 2023, included in the Company's Annual Report on Form 10-K for the year ended December 31, 2023 (the "Annual Report on Form 10-K").

In the opinion of management, the accompanying condensed consolidated financial statements contain all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of the results for the interim periods presented. Such operating results may not be indicative of the expected results for any other interim periods or the entire year. The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany balances and transactions have been eliminated in consolidation.

Use of Estimates
The preparation of financial statements requires the Company to make a number of significant estimates. These include estimates of fair value of certain assets and liabilities, amounts and timing of credit losses, prepayment rates, and other estimates that affect the reported amounts of certain assets and liabilities as of the date of the condensed consolidated financial statements and the reported amounts of certain revenues and expenses during the reported periods. It is likely that changes in these estimates (e.g., fair value changes due to inputs and underlying assumptions as described in Note 2 — Fair Value Measurements, credit performance, prepayments, interest rates, or other reasons) will occur in the near term. The Company's estimates are inherently subjective in nature and actual results could differ from the Company's estimates and the differences could be material.
Reclassifications

Certain comparative period amounts in the condensed consolidated financial statements have been reclassified for consistency with current period presentation. These reclassifications had no effect on the reported results of operations. Specifically, certain cash flows previously presented as cash flows from operating activities on the condensed consolidated statements of cash flows for the nine months ended September 30, 2023, have been reclassified to cash flows from investing activities as Purchases of investments in majority-owned affiliates.

Recent Accounting Pronouncements

The Company considers the applicability and impact of all Accounting Standards Updates ("ASUs"). There were no recent ASUs that are expected to have a significant impact on the Company's condensed consolidated financial statements when adopted or had a significant impact on the Company's condensed consolidated financial statements upon adoption.

Summary of Significant Accounting Policies

- References

No definition available.

+ Details

Name:us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type: na Period Type:duration

- Definition

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.

+ References

Reference 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 35 R8.htm IDEA: XBRL DOCUMENT
Variable Interest Entities9 Months Ended
Sep. 30, 2024
Organization, Consolidation and Presentation of Financial Statements [Abstract] Variable Interest Entities Variable Interest Entities

Since its inception, the Company has utilized variable interest entities ("VIEs") for the purpose of securitizing whole mortgage loans to obtain long-term non-recourse financing. The Company evaluates its interest in each VIE to determine if it is the primary beneficiary.

VIEs for Which the Company is the Primary Beneficiary

The Company entered into securitization transactions where it was determined that the Company has the power to direct the activities that most significantly impact the VIE's economic performance. The Company was the sole entity to contribute residential whole mortgage loans to these securitization vehicles.

The retained beneficial interest in VIEs for which the Company is the primary beneficiary is the subordinated tranches of the securitization and further interests in additional interest-only tranches. The following table summarizes the key details of the loan securitization transactions for which the Company is the primary beneficiary currently outstanding as of September 30, 2024 and December 31, 2023:

As of:	**September 30, 2024**	**December 31, 2023**
($ in thousands)		
Aggregate unpaid principal balance of residential whole loans sold	$1,512,722	$1,334,963
Fair value adjustment for residential mortgage loans in securitization trusts	(59,815)	(113,896)
Residential mortgage loans in securitization trusts, at fair value	$1,452,907	$1,221,067
Outstanding amount of Non-recourse securitization obligation, at amortized cost	$1,376,244	$1,220,067
Fair value adjustment for the portion of Non-recourse securitization obligation, at fair value option	(22,486)	(50,912)
Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts	$1,353,758	$1,169,155
Weighted average fixed rate for Non-recourse securitization obligation issued	3.51 %	2.91 %

For the period ended:	**September 30, 2024**	**December 31, 2023**
($ in thousands)		
Aggregate unpaid principal balance of residential whole loans sold, at deal date	$2,010,214	$1,710,381
Face amount of Non-recourse securitization obligation issued by the VIE and purchased by third-party investors, at deal date	1,893,847	1,619,051
Face amount of Senior Support Certificates received by the Company, at deal date	116,367	91,330
Aggregate cash received, at deal date	233,835	194,746

During the three months ended September 30, 2024, the Company did not issue and retain bonds on our consolidated balance sheets for any securitization transaction for which the Company was the primary beneficiary. For the nine months ended September 30, 2024 the Company and its affiliates issued and sold bonds with a current face value of $274.8 million to third-party investors for proceeds of $274.8 million, before offering costs and accrued interest. The sold bonds are included in "Non-recourse securitization obligations, collateralized by residential mortgage loans in securitization trusts" on the Company's condensed consolidated balance sheets.

As of September 30, 2024 and December 31, 2023, as a result of the transactions described above, securitized loans with outstanding principal balance of approximately $1.5 billion and $1.3 billion are included in "Residential mortgage loans in securitization trusts" on the Company's condensed consolidated balance sheets, respectively. As of September 30, 2024 and December 31, 2023, the aggregate carrying value of sold bonds issued by consolidated VIEs was $1.4 billion and $1.2 billion, respectively. These sold bonds are disclosed as "Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts" on the Company's condensed consolidated balance sheets. The holders of the securitized debt have no recourse to the general credit of the Company, but the Company does have the obligation, under certain circumstances, to repurchase assets from the VIE upon the breach of certain representations and warranties with respect to the residential whole loans sold to the VIE. In the absence of such a breach, the Company has no obligation to provide any other explicit or implicit support to any VIE.

The Company concluded that the entities created to facilitate the loan securitization transactions are VIEs. The Company completed an analysis of whether each VIE created to facilitate the securitization transactions should be consolidated by the Company, based on consideration of its involvement in each VIE and whether its involvement reflected a controlling financial interest that resulted in the Company being deemed the primary beneficiary of each VIE. In determining whether the Company would be considered the primary beneficiary, the following factors were assessed:

- whether the Company has both the power to direct the activities that most significantly impact the economic performance of the VIE; and
- whether the Company has a right to receive benefits or absorb losses of the entity that could be potentially significant to the VIE.

Based on its evaluation of the factors discussed above, including its involvement in the purpose and design of the entity, the Company determined that it was required to consolidate each VIE created to facilitate the loan securitization transactions.

VIEs for Which the Company is Not the Primary Beneficiary

The Company sponsored or participated along with other affiliates and entities managed by Angel Oak Capital in the formation of various entities that were considered to be VIEs. These VIEs were formed to facilitate securitization issuances that were comprised of secured residential whole loans and/or small balance commercial loans contributed to securitization trusts.

These securities were issued as a result of the unconsolidated securitizations where the Company retained bonds from the issuances of securitizations issued by a depositor that the Company does not control. The Company determined that it was not then and is not now the primary beneficiary of any of these securitization entities, and thus has not consolidated the operating results or statements of financial position of any of these entities. The Company performs ongoing reassessments of all VIEs in which the Company has participated since its inception as to whether changes in the facts and circumstances regarding the Company's involvement with a VIE would cause the Company's consolidation conclusion to change, and the Company's assessment of these VIEs remains unchanged.

The securities received in the securitization transactions for which we are not the primary beneficiary were classified as "available for sale" upon receipt and are included in "RMBS - at fair value" and "Other Assets" on the condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023, and details on the accounting treatment and fair value methodology of the securities can be found in Note 9 — Fair Value Measurements. See also Note 4 — Investment Securities, for the fair value of AQMT securities held by the Company, and Note 13 - Other Assets, for investments in majority-owned affiliates ("MOAs"), as of September 30, 2024 and December 31, 2023 that were retained by the Company as a result of these securitization transactions.

- References

No definition available.

+ Details

Name:us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type: na Period Type:duration

- Definition

The entire disclosure for a variable interest entity (VIE), including but not limited to, judgments and assumptions in determining whether to consolidate and in identifying the primary beneficiary, gain (loss) recognized on the initial consolidation of the VIE, terms of arrangements, amounts and classification of the VIE's assets and liabilities, and the entity's maximum exposure to loss.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/810/tableOfContent

+ Details

Name:us-gaap_VariableInterestEntityDisclosureTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 36 R9.htm IDEA: XBRL DOCUMENT

Residential Mortgage Loans 9 Months Ended

Sep. 30, 2024

SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Abstract] Residential Mortgage Loans Residential Mortgage Loans

Residential mortgage loans are measured at fair value. The following table sets forth the cost, unpaid principal balance, net premium on mortgage loans purchased, fair value, weighted average interest rate, and weighted average remaining contractual maturity of the Company's residential mortgage loan portfolio as of September 30, 2024 and December 31, 2023:

	September 30, 2024	**December 31, 2023**
($ in thousands)		
Cost	$421,944	$ 393,443
Unpaid principal balance	$411,468	$386,872
Net premium on mortgage loans purchased	10,476	6,571
Change in fair value	6,965	(13,403)
Fair value	$428,909	$380,040
Weighted average interest rate	7.73 %	6.78 %
Weighted average remaining contractual maturity (years)	30	29

At times, various forms of margin maintenance may be required by certain financing facility counterparties. See Note 5 — Financing.

The following table sets forth data regarding the number of consumer mortgage loans secured by residential real property ninety (90) or more days past due and also those in formal foreclosure proceedings, and the recorded investment and unpaid principal balance of such loans as of September 30, 2024 and December 31, 2023:

	As of:	**September 30, 2024**	**December 31, 2023**
($ in thousands)			
Number of mortgage loans 90 or more days past due	5	7	
Recorded investment in mortgage loans 90 or more days past due	$2,174	$5,754	
Unpaid principal balance of loans 90 or more days past due	$2,142	$5,681	
Number of mortgage loans in foreclosure	1	2	
Recorded investment in mortgage loans in foreclosure	$569	$1,956	
Unpaid principal balance of loans in foreclosure	$551	$1,889	

- References

No definition available.

+ Details

Name:srt_MortgageLoansOnRealEstateAbstract Namespace Prefix:srt_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for financing receivable.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 12A -Publisher FASB -URI https://asc.fasb.org/1943274/2147481933/310-10-55-12AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-42Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 44 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-44Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/310-10/tableOfContentReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/310-20/tableOfContent

+ Details

Name:us-gaap_FinancingReceivablesTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 37 R10.htm IDEA: XBRL DOCUMENT

Investment Securities 9 Months Ended

Sep. 30, 2024

Investments, Debt and Equity Securities [Abstract] Investment Securities Investment Securities

As of September 30, 2024, investment securities were comprised of: (i) non-agency RMBS ("AOMT RMBS") and (ii) Freddie Mac and Fannie Mae whole pool agency RMBS ("Whole Pool Agency RMBS", and together with AOMT RMBS, "RMBS"), and (iii) U.S. Treasury securities. The U.S. Treasury securities held by the Company as of September 30, 2024 subsequently matured on October 3, 2024.

The following table sets forth a summary of RMBS at cost as of September 30, 2024 and December 31, 2023:

	September 30, 2024	**December 31, 2023**
($ in thousands)		
AOMT RMBS	$84,957	$88,998
Whole Pool Agency RMBS	$194,697	$391,964

The following tables sets forth certain information about the Company's investments in RMBS at fair value as of September 30, 2024 and December 31, 2023:

Repurchase Allocated Capital September 30, 2024: ($ in thousands)	**Real Estate Securities at Fair Value**	**Securities Sold Under Agreements to**
AOMT RMBS[1]		
Mezzanine	$13,463	$(5,292)
Subordinate	$8,171	$62,223
Interest Only/Excess	(20,175)	42,048
Retained RMBS in VIEs[2]	1,459	(53,164)
Total AOMT RMBS	$88,741	$(53,164)
Whole Pool Agency RMBS[1]		
Fannie Mae	$158,040	$—
Freddie Mac	36,324	—
Total Whole Pool Agency RMBS	$194,364	$—
Total RMBS	$283,105	$(53,164)

	Real Estate Securities at Fair Value	**Securities Sold Under Agreements to**
Repurchase Allocated Capital September 30, 2023: ($ in thousands)		
AOMT RMBS[1]		
Mezzanine	$13,463	$(5,292)
Subordinate	$8,171	$62,223
Interest Only/Excess	(20,175)	42,048
Retained RMBS in VIEs[2]	—	(27,697)
Total AOMT RMBS	$1,459	$(27,697)
Whole Pool Agency RMBS[1]		
Fannie Mae	$158,040	$—
Freddie Mac	36,324	—
Total Whole Pool Agency RMBS	$194,364	$—
Total RMBS	$283,105	$(53,164)

	Real Estate Securities at Fair Value	**Securities Sold Under Agreements to**
Repurchase Allocated Capital December 31, 2023: ($ in thousands)		
AOMT RMBS[1]		
Mezzanine	$13,463	$(5,292)
Subordinate	$8,171	$62,223
Interest Only/Excess	(20,175)	42,048
Retained RMBS in VIEs[2]	1,459	(53,164)
Total AOMT RMBS	$88,741	$(53,164)
Whole Pool Agency RMBS[1]		
Fannie Mae	$158,040	$—
Freddie Mac	36,324	—
Total Whole Pool Agency RMBS	$194,364	$—
Total RMBS	$229,941	

[1] — AOMT RMBS held as of September 30, 2024 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions.

[2] — A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $143.5 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets.

[3] The whole pool RMBS presented as of September 30, 2024 were purchased from a broker to whom the Company owes approximately $195 million, payable upon the settlement date of the trade. See Note 6 - Due to Broker. There was no margin collateral required as of September 30, 2024.

Under Agreements to Repurchase, Allocated Capital	December 31, 2023	Real Estate Securities at Fair Value	Securities Sold
AOMT RMBS[1]			
Mezzanine	$10,972	$(844)	$10,128
Subordinate	55,665	(19,812)	35,853
Interest Only/Excess	13,059	(1,871)	11,188
Retained RMBS in VIEs[2]	—	(22,116)	(22,116)
Total AOMT RMBS	$79,696	$(44,643)	$35,053
Whole Pool Agency RMBS [3]			
Fannie Mae	$278,510	$—	$278,510
Freddie Mac	113,852	—	113,852
Total Whole Pool Agency RMBS	$392,362	$—	$392,362
Total RMBS	$472,058	$(44,643)	$427,415

[1] AOMT RMBS held as of December 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions.

[2] A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $124.1 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets.

[3] The whole pool RMBS presented as of December 31, 2023 were purchased from a broker to whom the Company owes approximately $392 million, payable upon the settlement date of the trade. See Note 6 - Due to Broker.

The following table sets forth certain information about the Company's investments in U.S. Treasury securities as of September 30, 2024 and December 31, 2023:

Date	Face Value	Unamortized Discount, net	Amortized Cost	Unrealized Gain/(Loss)	Fair Value	Net Effective Yield
($ in thousands)						
September 30, 2024	$50,000	$16	$49,984	$(13)	$49,971	3.89 %
December 31, 2023	$150,000	$159	$149,841	$86	$149,927	5.30 %

- References

No definition available.

+ Details

Name:us-gaap_InvestmentsDebtAndEquitySecuritiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for investments in certain debt and equity securities.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 940 -SubTopic 320 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/940-320/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Name Regulation S-K (SK) -Number 229 -Section 1403 -Paragraph b -Publisher SECReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/320/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6BReference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 320 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/942-320/tableOfContent

+ Details

Name:us-gaap_InvestmentsInDebtAndMarketableEquitySecuritiesAndCertainTradingAssetsDisclosureTextBlock Namespace Prefix:us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 38 R11.htm IDEA: XBRL DOCUMENT

Financing 9 Months Ended

Sep. 30, 2024

Notes Payable [Abstract] Financing Financing

Notes Payable

The Company has the ability to finance residential and commercial whole loans, utilizing lines of credit (notes payable) from various counterparties, as further described below. Outstanding borrowings bear interest at floating rates depending on the lending counterparty, the collateral pledged, and the rate in effect for each interest period, as the same may change from time to time at the end of each interest period. Some agreements include upfront fees, fees on unused balances, covenants and concentration limits on types of collateral pledged which vary based on the counterparty. Occasionally, a lender may require certain margin collateral to be posted on a warehouse line of credit. There was no margin collateral required as of September 30, 2024 or December 31, 2023.

The following table sets forth the details of the Company's notes payable and drawn amounts for whole loan purchases as of September 30, 2024 and December 31, 2023:

Drawn Amount Note Payable	Base Interest Rate	Interest Rate Pricing Spread	September 30, 2024	December 31, 2023
($ in thousands)				
Multinational Bank 1[1]	Average Daily SOFR			
		1.75% - 2.10%	$292,060	$206,183
Global Investment Bank 2[2]				
	1 month Term SOFR			
		2.10% - 3.45%	—	—
Global Investment Bank 3[3]	Compound SOFR			
		2.00% - 4.50%	40,982	84,427

Institutional Investors A and B[1] | 1 month Term SOFR | 3.50% | N/A | —
Regional Bank 1[2] | 1 month SOFR | 2.50% - 3.50% | N/A | — | Total | $333,042 | $290,610

[1] — On September 25, 2024, this financing facility was extended through March 25, 2025 in accordance with the terms of the agreement, which contemplates six-month renewals.

[2] — On March 28, 2024 the amended and restated Master Repurchase Agreement was terminated and replaced with a new $250 million Master Repurchase Agreement which has a termination date of March 27, 2026. On October 25, 2024, this facility was amended, reducing the interest rate pricing spread to a range from 1.75% to 3.35%, based on loan status, dwell time and other factors. Prior to this extension the interest rate pricing spread ranged from 2.10% to 3.35% (See Note 16 — Subsequent Events).

[3] — On November 1, 2024, this facility was amended to (i) reduce the interest rate pricing spread to a range from 1.90% to 4.75%, based on loan status, dwell time and other factors, (ii) eliminate the 20 basis point index spread adjustment, and (iii) extend the facility's termination date to November 1, 2025. (See note 16 — Subsequent Events).

[4] — These master repurchase agreements expired by their terms on January 4, 2023.

[5] — This agreement expired by its terms on March 16, 2023.
The following table sets forth the total unused borrowing capacity of each financing line as of September 30, 2024:

Financing (in thousands)	Note Payable	Borrowing Capacity	Balance Outstanding	Available
Multinational Bank 1	$600,000	$292,060	$307,940	
Global Investment Bank 2	250,000	—	250,000	
Global Investment Bank 3	200,000	40,982	159,018	
Total	$1,050,000	$333,042	$716,958	

Although available financing is uncommitted for each of these lines of credit, the Company's unused borrowing capacity is available if it has eligible collateral to pledge and meets other borrowing conditions as set forth in the applicable agreements.

Senior Unsecured Notes

On July 25, 2024, the Company closed an underwritten public offering and sale of, and issued, $50 million in aggregate principal amount of its 9.500% Senior Notes due 2029 (the "Notes"). The Notes bear interest at a rate of 9.500% per annum, payable quarterly in arrears on January 30, April 30, July 30 and October 30 of each year, commencing on October 30, 2024. The Notes will mature on July 30, 2029, unless earlier redeemed or repurchased by the Company and are held at amortized cost. After deducting the underwriting discount and other debt issuance costs, the Company received net proceeds of approximately $47.5 million.

The Company may redeem the Notes in whole or in part at any time or from time to time at its option on or after July 30, 2026 at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest to, but excluding, the redemption date. Upon the occurrence of certain events relating to a change of control of the Company, the Company must make an offer to repurchase all outstanding Notes at a price in cash equal to 101% of the principal amount of the Notes, plus accrued and unpaid interest to, but excluding, the repurchase date.

The Notes are fully and unconditionally guaranteed on a senior unsecured basis by the Operating Partnership, including the due and punctual payment of principal of, premium, if any, and interest on the Notes, whether at stated maturity, upon acceleration, call for redemption or otherwise.

At September 30, 2024, the outstanding principal amount of these notes was $50 million and the accrued interest payable on the Notes was $0.9 million. At September 30, 2024, the unamortized deferred debt issuance cost was $1.5 million, and the net interest expense was $1.0 million. The unamortized deferred debt issuance costs will be amortized until maturity, which will be no later than July 30, 2029.

- Definition

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.

+ References

Reference 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 (b) -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 599 -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

- References

No definition available.

+ Details

Name:us-gaap_NotesPayableAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 39 R12.htm IDEA: XBRL DOCUMENT

Due to Broker 9 Months Ended

Sep. 30, 2024

Broker-Dealer [Abstract] Due to Broker Due to Broker

The "Due to broker" account on the condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023, respectively, in the amounts of $195 million and $392 million relates to the purchase of Whole Pool Agency RMBS at quarter-end in the third and fourth quarters of 2024 and 2023, respectively. Purchases are accounted for on a trade date basis, and, at times, there may be a timing difference between accounting periods for the trade date and the settlement date of a trade. The trade dates of these purchases were prior to the applicable quarter-end dates. These trades settled on October 15, 2024 and January 16, 2024, respectively, at which time these assets were simultaneously sold.

The purchase transactions of these Whole Pool Agency RMBS are excluded from the condensed consolidated statements of cash flows until settled.

- References

No definition available.

+ Details

Name:srt_BrokersAndDealersAbstract Namespace Prefix:srt_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for Due to and from Broker-Dealers and Clearing Organizations, including data and tables. This may include amounts receivable from and payable to broker-dealers and clearing organizations, including securities failed to receive, deposits received for securities loaned, amounts payable to clearing organizations related to open transactions, floor brokerage payables and payables for commodities futures accounts liquidating to an equity balance on a broker-dealer's records.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 940 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481804/940-20-50-1

+ Details

Name:us-gaap_DueToAndFromBrokerDealersAndClearingOrganizationsDisclosure Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 40 R13.htm IDEA: XBRL DOCUMENT

Securities Sold Under Agreements to Repurchase 9 Months Ended

Sep. 30, 2024

Banking and Thrift, Interest [Abstract] Securities Sold Under Agreements to Repurchase

Although the transactions under repurchase agreements represent committed borrowings until maturity, the lenders retain the right to mark the underlying collateral at fair value. A reduction in the value of pledged assets would require the Company to provide additional collateral or fund margin calls.

Securities Sold Under Agreements to Repurchase

Transactions involving securities sold under agreements to repurchase are treated as collateralized financial transactions, and are recorded at their contracted repurchase amounts. Margin (if required) for securities sold under agreements to repurchase represents margin collateral amounts held to ensure that the Company has sufficient coverage for securities sold under agreements to repurchase in case of adverse price changes. Restricted cash of margin collateral for securities sold under agreements to repurchase was $0.3 million as of September 30, 2024 and December 31, 2023, respectively.

The following table summarizes certain characteristics of the Company's repurchase agreements as of September 30, 2024 and December 31, 2023:

($ in thousands)	*September 30, 2024*	*Repurchase Agreements*	*Amount Outstanding*	*Weighted Average Interest Rate*	*Weighted Average Remaining Maturity (Days)*
U.S. Treasury securities			*$49,712*	*4.90 %*	*3*
AOMT RMBS [1]			*53,164*	*6.35 %*	*18*
Total			*$102,876*	*5.65 %*	*11*
	December 31, 2023	*Repurchase Agreements*	*Amount Outstanding*	*Weighted Average Interest Rate*	*Weighted Average Remaining Maturity (Days)*
U.S. Treasury securities			*$149,013*	*5.57 %*	*10*
AOMT RMBS [1]			*44,643*	*7.04 %*	*16*
Total			*$193,656*	*5.91 %*	*11*

[1] A portion of repurchase debt outstanding as of both September 30, 2024 and December 31, 2023 includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). See Note 4 – Investment Secur

- References

No definition available.

+ Details

Name:us-gaap_BankingAndThriftInterestAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for repurchase agreements (also known as repos), resale agreements (also known as reverse repurchase agreements or reverse repos), securities borrowed transactions, and securities loaned transactions.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-10Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 860 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/860/tableOfContent

+ Details

Name:us-gaap_RepurchaseAgreementsResaleAgreementsSecuritiesBorrowedAndSecuritiesLoanedDisclosureTextBlock Namespace Prefix:us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 41 R14.htm IDEA: XBRL DOCUMENT

Derivative Financial Instruments9 Months Ended

Sep. 30, 2024

Derivative Instruments and Hedging Activities Disclosure [Abstract] Derivative Financial Instruments Derivative Financial Instruments

In the normal course of business, the Company enters into derivative financial instruments to manage its exposure to market risk, including interest rate risk and prepayment risk on its whole loan investments. The derivatives in which the Company invests, and the market risk that the economic hedge is intended to mitigate are further discussed below. Derivative instruments as of September 30, 2024 and December 31, 2023 included both To-Be-Announced ("TBA") securities and interest rate futures contracts. Restricted cash relating to interest rate futures margin collateral in interest rate futures accounts under the Company's sole control as of September 30, 2024 and December 31, 2023 included $2.3 million and $2.5 million, respectively. There was no TBA margin collateral required as of either September 30, 2024 or December 31, 2023. For the three and nine months ended September 30, 2024, we recognized income tax expense and a corresponding liability related to income from our TBAs.

The Company uses interest rate futures as economic hedges to hedge a portion of its interest rate risk exposure. Interest rate risk is sensitive to many factors, including governmental monetary and tax policies, domestic and international economic and political considerations, as well as other factors. The Company's credit risk with respect to economic hedges is the risk of default on its investments that result from a borrower's or counterparty's inability or unwillingness to make contractually required payments.

The Company may at times hold TBAs in order to mitigate its interest rate risk on certain specified mortgage-backed securities. Amounts or obligations owed by or to the Company are subject to the right of set-off with the TBA counterparty. As part of executing these trades, the Company may enter into agreements with its TBA counterparties that govern the transactions for the TBA purchases or sales made, including margin maintenance, payment and transfer, events of default, settlements, and various other provisions.

Changes in the value of derivatives designed to protect against mortgage-backed securities fair value fluctuations, or economic hedging gains and losses, are reflected in the tables below. All realized and unrealized gains and losses on derivative contracts are recognized in earnings, in "net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS" for realized gains and losses, and "net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts" for unrealized gains and losses.

The Company considers the notional amounts, categorized by primary underlying risk, to be representative of the volume of its derivative activities.

The following table sets forth the derivative instruments presented on the condensed consolidated balance sheets and notional amounts as of September 30, 2024 and December 31, 2023:

	Notional Amounts As of:	Derivatives Not Designated as Hedging Instruments	Number of Contracts	Assets Liabilities	Long Exposure Short Exposure
($ in thousands)	September 30, 2024	Interest rate futures	2,404	$1,392	$—
	$—	$240,400			
	September 30, 2024	TBAs	N/A	$259	$—
	$—	$203,400			
	December 31, 2023	Interest rate futures	1,489	$—	$840
	$—	$148,900			
	December 31, 2023	TBAs	N/A	$—	$494
	$—	$ 286,700			

The gains and losses arising from these derivative instruments in the condensed consolidated statements of operations and comprehensive income (loss) for the three and nine months ended September 30, 2024 and September 30, 2023 are set forth as follows:

	Derivatives Not Designated as Hedging Instruments	Net Realized Gains (Losses) on Derivative Instruments	Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments
(in thousands)	Three Months Ended September 30, 2024	Interest rate futures	$(4,961)
	$1,104	Three Months Ended September 30, 2024	TBAs
	$3,115	$(1,235)	
	Three Months Ended September 30, 2023	Interest rate futures	$2,828
	$(364)	Three Months Ended September 30, 2023	TBAs
	$7,421	$4,927	

	Derivatives Not Designated as Hedging Instruments	Net Realized Gains (Losses) on Derivative Instruments	Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments
(in thousands)	Nine Months Ended September 30, 2024	Interest rate futures	$(822)
	$1,232	Nine Months Ended September 30, 2024	TBAs
	$5,238	$753	
	Nine Months Ended September 30, 2023	Interest rate futures	$8,599
	$(2,416)	Nine Months Ended September 30, 2023	TBAs
	$4,900	$(5,379)	

- References

No definition available.

+ Details

Name:us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

Reference 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 42 R15.htm IDEA: XBRL DOCUMENT

Fair Value Measurements9 Months Ended
Sep. 30, 2024

Fair Value Disclosures [Abstract] **Fair Value Measurements** **Fair Value Measurements**

For financial reporting purposes, we follow a fair value hierarchy established under GAAP that is used to determine the fair value of financial instruments. This hierarchy prioritizes relevant market inputs in order to determine an "exit price" at the measurement date, or the price at which an asset could be sold or a liability could be transferred in an orderly process that is not a forced liquidation or distressed sale. Level 1 inputs are observable inputs that reflect quoted prices for identical assets or liabilities in active markets. Level 2 inputs are observable inputs other than quoted prices for an asset or liability that are obtained through corroboration with observable market data. Level 3 inputs are unobservable inputs (e.g., our own data or assumptions) that are used when there is little, if any, relevant market activity for the asset or liability required to be measured at fair value.

In certain cases, inputs used to measure fair value fall into different levels of the fair value hierarchy. In such cases, the level at which the fair value measurement falls is determined based on the lowest level input that is significant to the fair value measurement. Our assessment of the significance of a particular input requires judgment and considers factors specific to the asset or liability being measured.

As of September 30, 2024, our valuation policy and processes had not changed from those described in our consolidated financial statements for the year ended December 31, 2023 included in the Annual Report on Form 10-K. Included in Note 10 — Fair Value Measurements to the Consolidated Financial Statements for the year ended December 31, 2023 included in the Annual Report on Form 10-K is a detailed description of our other financial instruments measured at fair value and their significant inputs, as well as the general classification of such instruments pursuant to the Level 1, Level 2, and Level 3 valuation hierarchy.
The fair value of cash, restricted cash, principal and interest receivable, other assets (excluding investments in MOAs), notes payable, securities sold under agreements to repurchase, amounts due to broker and accrued expenses (including those payable to an affiliate and management fees payable to an affiliate), and interest payable approximate their carrying values due to the nature of these assets and liabilities.
The Company's "investments in majority-owned affiliates" included in other assets (see Note 13 — Other Assets) and a portion of "non-recourse securitization obligations, collateralized by residential mortgage loans" are held at amortized cost. The fair value of these assets and liabilities is disclosed further below in the section titled "Assets and Liabilities Held at Amortized Cost - Fair Value Disclosure".

The following table sets forth information about the Company's financial assets and liabilities measured at fair value as of September 30, 2024:

(in thousands)	Level 1	Level 2	Level 3	Total
Assets, at fair value				
Investments in securities				
Residential mortgage loans	$ —	$426,501	$2,408	$428,909
Residential mortgage loans in securitization trusts	—	1,425,632	27,275	1,452,907
AOMT RMBS [1]	—	88,741	—	88,741
Whole Pool Agency RMBS	—	194,364	—	194,364
U.S. Treasury Securities	49,971	—	—	49,971
Other Assets, at fair value [2]	—	11,178	—	11,178
Unrealized appreciation on futures contracts	1,392	—	—	1,392
Unrealized appreciation on TBAs	259	—	—	259
Total assets, at fair value	$51,622	$2,146,416	$29,683	$2,227,721
Liabilities, at fair value				
Non-recourse securitization obligation, collateralized by residential mortgage loans [3]	$ —	$1,289,236	$ —	$1,289,236
Total liabilities, at fair value	$ —	$1,289,236	$ —	$1,289,236

[1] AOMT RMBS held as of September 30, 2024 included both retained tranches of AOMT securitizations in which the Company participated, additional AOMT securities purchased in secondary market transactions, and other RMBS purchased in secondary market transactions.

[2] Includes Commercial Loans and AOMT commercial mortgage backed securities ("CMBS") assets. All AOMT CMBS held as of September 30, 2024 was comprised of a small-balance commercial loan securitization issuance in which the Company participated.

[3] Only the portion subject to fair value measurement, as adjusted for fair value, is presented above. See below for the disclosure of the full debt at fair value.

Transfers from Level 2 to Level 3 were comprised of residential loans more than 90 days overdue (including those in foreclosure). Transfers between Levels are deemed to take place on the first day of the reporting period in which the transfer has taken place. These transfers were not material.

We use third-party valuation firms who utilize proprietary methodologies to value our residential and commercial loans. These firms generally use both market comparable information and discounted cash flow modeling techniques to determine the fair value of our Level 3 assets. Use of these techniques requires determination of relevant input and assumptions, some of which represent significant unobservable inputs such as anticipated credit losses, prepayment rates, default rates, or other valuation assumptions. Accordingly, a significant increase or decrease in any of these inputs in isolation may result in a significantly lower or higher fair value measurement.
The following table sets forth information regarding the Company's significant Level 3 inputs as of September 30, 2024:

($ in thousands)	Input Values	Asset Fair Value	Unobservable Input	Range	Average
Residential mortgage loans, at fair value	$2,408	Prepayment rate (annual CPR)			
				5.26% - 19.36%	12.27%
			Default rate		
				7.62% - 35.41%	19.02%
			Loss severity		
				—% - 17.08%	9.46%
			Expected remaining life		
Residential mortgage loans in securitization trust, at fair value	$27,275	Prepayment rate (annual CPR)			
				0.67 - 4.28 years	2.44 years
			Default rate		
				4.01% - 15.67%	10.63%
			Loss severity		
				6.09% - 29.33%	17.42%
			Expected remaining life		
				(22.22)% - 60.81%	1.37%
				1.33 - 5.86 years	2.66 years

Assets and Liabilities Held at Amortized Cost — Fair Value Disclosure

Portion of Non-Recourse Securitization Obligations, Collateralized by Residential Mortgage Loans — Held at Amortized Cost

To determine the fair value of the Company's non-recourse securitization obligations, collateralized by residential mortgage loans, net, held at amortized cost, the Company uses the same method of valuation as described in the Annual Report on Form 10-K, Note 10 — Fair Value Measurements for both the portion of the obligation measured at fair value and the portion of the obligation held at amortized cost, for which fair value is disclosed below.

As of September 30, 2024, the total amortized cost basis and fair value of our non-recourse securitization obligations was $1.38 billion and $1.29 billion, respectively, a difference of approximately $87.0 million (which includes AOMT 2022-1, AOMT 2022-4, AOMT 2023-4, and AOMT 2024-4, which are marked to fair value; and AOMT 2021-4 and AOMT 2021-7, which are carried at amortized cost, as the fair value option was not elected at the time of the creation of these obligations). The difference between the amortized cost and fair value solely attributable to AOMT 2021-4 and 2021-7 is approximately $64.5 million. The difference between the amortized cost basis value and the fair value is derived from the difference between the period-end market pricing of the underlying bonds, as referred to above, and the amortized cost of the obligation. The fair value of the non-recourse securitization debt is not indicative of the amounts at which we could settle this debt.

As of December 31, 2023, the total amortized cost basis and fair value of our non-recourse securitization obligations was $1.24 billion and $1.09 billion, respectively, a difference of approximately $156.4 million (which includes AOMT 2022-1, AOMT 2022-4, and AOMT 2023-4, which are marked to fair value; and AOMT 2021-4 and AOMT 2021-7, which are carried at amortized cost, as the fair value option was not elected at the time of the creation of these obligations). The fair value solely attributable to AOMT 2021-4 and 2021-7 is approximately $81.9 million less than the amortized cost. The difference between the amortized cost basis value and the fair value is derived from the difference between the period-end market pricing of the underlying bonds, as referred to above, and the amortized cost of the obligation. The fair value of the non-recourse securitization debt is not indicative of the amounts at which we could settle this debt.

Investments in Majority-Owned Affiliates

To determine the fair value of the Company's investments in majority-owned affiliates, which are held at amortized cost and included in "other assets", the Company uses the prices of the underlying bonds in the investments to determine fair value. The Company utilizes PriceServe, Bank of America's independent fixed-income pricing service, as the primary valuation source for these bonds. PriceServe obtains its price quotes from actual sales or quotes for sale of the same or similar securities and/or provides model-based valuations that consider inputs derived from recent market activity including default rates, conditional prepayment rates, loss severity, expected yield to maturity, baseline discount margin/yield, recovery assumptions, tranche type, collateral coupon, age and loan size, and other inputs specific to each security. We believe that these quotes are most reflective of the price that would be achieved if the bonds were sold to an independent third party on the date of the condensed consolidated financial statements.
The amortized cost and fair value of this investment as of September 30, 2024 was approximately $18.7 million and $17.0 million, respectively. The amortized cost and fair value of these investments as of December 31, 2023 was approximately $16.2 million and $16.7 million, respectively.

The following table sets forth information about the Company's financial assets and liabilities measured at fair value as of December 31, 2023:

(in thousands)	Level 1	Level 2	Level 3	Total
Assets, at fair value				
Investments in securities				
Residential mortgage loans	$ —	$374,004	$6,036	$380,040
Residential mortgage loans in securitization trusts	—	1,207,804	13,263	1,221,067
AOMT RMBS [1]	—	79,696	—	79,696
Whole Pool Agency RMBS	—	392,362	—	392,362
U.S. Treasury Securities	149,927	—	—	149,927
Other Assets, at fair value [2]	—	32,923	—	32,923
Total assets, at fair value	$149,927	$2,086,789	$19,299	$2,256,015
Liabilities, at fair value				
Non-recourse securitization obligation, collateralized by residential mortgage loans [3]	$ —	$743,189	$ —	$743,189
Unrealized depreciation on futures contracts	(840)	—	—	(840)
Unrealized depreciation on TBAs	(494)	—	—	(494)
Total liabilities, at fair value	$(1,334)	$743,189	$ —	$741,855

[1] AOMT RMBS held as of December 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated, additional AOMT securities purchased in secondary market transactions, and other RMBS purchased in secondary market transactions.

[2] Includes Commercial Loans and AOMT CMBS assets. All AOMT CMBS held as of December 31, 2023 was comprised of a small-balance commercial loan securitization issuance in which the Company participated.

[3] Only the portion subject to fair value measurement, as adjusted for fair value, is presented above.
All unrealized gains and losses arising from valuation changes in residential and commercial mortgage loans, TBAs, and futures contracts are recognized in net income for the periods presented.

Transfers from Level 2 to Level 3 were comprised of residential loans more than 90 days overdue (including those in foreclosure) and commercial mortgage loans in special servicing or otherwise considered "non-performing" by the Company's third-party valuation providers. Transfers between Levels are deemed to take place on the first day of the reporting period in which the transfer has taken place. Transfers between Level 2 and Level 3 were immaterial for the year ended December 31, 2023.
We use third-party valuation firms who utilize proprietary methodologies to value our residential and commercial loans. These firms generally use both market comparable information and discounted cash flow modeling techniques to determine the fair value of our Level 3 assets. Use of these techniques requires determination of relevant input and assumptions, some of which represent significant unobservable inputs such as anticipated credit losses, prepayment rates, default rates, or other valuation assumptions. Accordingly, a significant increase or decrease in any of these inputs in isolation may result in a significantly lower or higher fair value measurement.

The following table sets forth information regarding the Company's significant Level 3 inputs as of December 31, 2023:

($ in thousands)	Input Values	Asset Fair Value	Unobservable Input	Range	Average
Residential mortgage loans, at fair value	$6,036	Prepayment rate (annual CPR)			
				6.86% - 19.93%	13.40%
			Default rate		
				12.60% - 13.64%	13.16%
			Loss severity		
				(25.00)% - 40.13%	4.12%
			Expected remaining life		
Residential mortgage loans in securitization trust, at fair value	$13,263	Prepayment rate (annual CPR)			
				5.97% - 20.71%	12.32%
			Default rate		
				4.38% - 28.66%	16.92%
			Loss severity		
				(13.99)% - 19.60%	4.14%
			Expected remaining life		

0.67 - 5.67 years 2.72 years

- References

No definition available.

+ Details

Name:us-gaap_FairValueDisclosuresAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

Reference 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 (b) -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 43 R16.htm IDEA: XBRL DOCUMENT
Related Party Transactions9 Months Ended
Sep. 30, 2024
Related Party Transactions [Abstract] Related Party Transactions Related Party Transactions

Residential Mortgage Loan Purchases

The Company has residential loan purchase agreements with various affiliates of the Company. The purchase price of the loans is generally equal to the outstanding principal of the mortgage, adjusted by a premium or discount, depending on market conditions. The Company purchases the mortgage loans on a servicing released basis.

The following table sets forth certain financial information pertaining to whole loan activity purchased from affiliates during the period and year ended as of September 30, 2024 and December 31, 2023:

	As of and for the Year-to-Date/Year Ended:	
Amount of Loans Purchased from Affiliates during the Year-to-Date/Year Ended (in thousands)		
Number of Loans Purchased from Affiliates during the Year-to-Date/Year Ended		
Number of Loans Purchased from Affiliates, Owned and Held as of Year-to-Date/Year Ended [1]	September 30, 2024	December 31, 2023
	$182,200	$199,793
	405	475
	380	589

[1] Excludes loans held in consolidated securitizations.

Securitization Transactions and Majority-Owned Affiliate

From time to time, the Company participates in securitization transactions with other affiliates of Angel Oak Capital. See Note 2 — Variable Interest Entities, "VIEs for Which the Company is Not the Primary Beneficiary" and Note 13 — Other Assets.

Management Fee

The Company's management agreement, effective as of June 21, 2021 and amended and restated on May 1, 2024, by and among the Company, the Operating Partnership, and the Manager (as amended and restated, the "Management Agreement"), provides that the Company will pay the Manager, in arrears, on a quarterly basis, an aggregate fixed management fee equal to 1.5% per annum of the Company's Equity (as is defined in the Management Agreement).

Incentive Fee

Under the Management Agreement, the Manager is also entitled to an incentive fee, which is calculated and payable in cash with respect to each calendar quarter (or part thereof that the Management Agreement is in effect) in arrears in an amount, not less than zero, equal to the excess of (1) the product of (a) 15% and (b) the excess of (i) the Company's Distributable Earnings (as defined in the Management Agreement) for the previous 12 month period, over (ii) the product of (A) the Company's Equity (as defined in the Management Agreement) in the previous 12 month period, and (B) 8% per annum, over (2) the sum of any incentive fee earned by the Manager with respect to the first three calendar quarters of such previous 12-month period. To date, the incentive fee has not been earned and no expense has been recognized in the Company's financial statements.

Operating Expense Reimbursements
The Company is also required to pay the Manager reimbursements for certain general and administrative expenses pursuant to the Management Agreement. Accrued expenses payable to affiliate and operating expenses incurred with affiliate are substantially comprised of payroll reimbursements to an affiliate of the Manager.

- References

No definition available.

+ Details

Name:us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-5Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-6Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -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 (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 7: 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-S99-1Reference 8: 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)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 9: 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)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/850/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-6Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1

+ Details

Name:us-gaap_RelatedPartyTransactionsDisclosureTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type: duration XML 44 R17.htm IDEA: XBRL DOCUMENT

Commitments and Contingencies9 Months Ended

Sep. 30, 2024

Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies

The Company has entered into forward purchase commitments with counterparties whereby the Company commits to purchasing residential mortgage loans at a particular price, provided the residential mortgage loans close with the counterparties. As of September 30, 2024, the Company has a total purchase commitments of $93.3 million related to both Angel Oak Mortgage Lending and third parties. These commitments represent off-balance sheet risk where the Company may be required to extend credit.

Commitments and Contingencies

The Company, from time to time, may be party to litigation relating to claims arising in the normal course of business. As of September 30, 2024, the Company was not aware of any legal claims that could materially impact its financial condition. As of September 30, 2024, the Company had no unfunded commitments.

- References

No definition available.

+ Details

Name:us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type: duration

- Definition

The entire disclosure for commitments and contingencies.

+ References

Reference 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 45 R18.htm IDEA: XBRL DOCUMENT
Accumulated Other Comprehensive Income/(Loss)9 Months Ended
Sep. 30, 2024
Stockholders' Equity Note [Abstract] Accumulated Other Comprehensive Income/(Loss)Accumulated Other Comprehensive Income/(Loss)

The following table sets forth the net unrealized gain/(loss) on available-for-sale ("AFS") securities for the three and nine months ended September 30, 2024 and 2023, which is the sole component of the changes in the Company's Accumulated Other Comprehensive Income/(Loss) ("AOCI") for the three and nine months ended September 30, 2024 and 2023:

	Three Months Ended September 30, 2024	Three Months Ended September 30, 2023
(in thousands)		
AOCI balance, beginning of period	$(3,147)	$(6,565)
Net unrealized gain/(loss) on AFS securities	2,706	(1,607)
AOCI balance, end of period	$(441)	$(8,172)

	Nine Months Ended September 30, 2024	Nine Months Ended September 30, 2023
(in thousands)		
AOCI balance, beginning of period	$(4,975)	$(21,127)
Net unrealized gain/(loss) on AFS securities	4,534	12,955
AOCI balance, end of period	$(441)	$(8,172)

- Definition

The entire disclosure for comprehensive income, which includes, but is not limited to, 1) the amount of income tax expense or benefit allocated to each component of other comprehensive income, including reclassification adjustments, 2) the reclassification adjustments for each classification of other comprehensive income and 3) the ending accumulated balances for each component of comprehensive income.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/220/tableOfContent

+ Details
Name:us-gaap_ComprehensiveIncomeNoteTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration

- References

No definition available.

+ Details
Name:us-gaap_StockholdersEquityNoteAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 46 R19.htm IDEA: XBRL DOCUMENT
Other Assets 9 Months Ended
Sep. 30, 2024
Deferred Costs, Capitalized, Prepaid, and Other Assets Disclosure [Abstract] Other AssetsOther Assets
The following table sets forth the detail of other assets included in the condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023:

	September 30, 2024	December 31, 2023
($ in thousands)		
Investments in Majority-Owned Affiliates	$18,720	$16,232
Commercial Mortgage Loans, at fair value	5,242	5,219
CMBS, at fair value	5,936	6,592
Deferred tax asset	3,457	3,457
Prepaid expenses	1,570	1,137
Protective advances and other assets	1,037	285
Total other assets	$35,962	$32,922

Investments in Majority-Owned Affiliates ("MOA")

In 2023 and the first three quarters of 2024, the Company participated in securitization transactions AOMT 2023-1, AOMT 2023-5, AOMT 2023-7, AOMT 2024-3, and AOMT 2024-6, which involved MOAs in which the Company received investments of 41.21%, 34.42%, 10.35%, 10.98%, and 4.51% respectively, in each case proportional to its share of the unpaid principal balance of the residential whole loans contributed to the securitizations. The purpose of the MOAs is to retain and hold risk retention bonds issued by the securitization trust. Each MOA is a limited liability company and is accounted for as an equity method investment and held at amortized cost. The investment will be tested for impairment at least annually utilizing undiscounted cash flows of the underlying bonds. See Note 9 — Fair Value Measurements.

Commercial Mortgage Loans

Commercial mortgage loans are measured at fair value. As of September 30, 2024 and December 31, 2023, the cost and unpaid principal balance of the assets was $5.6 million and $5.6 million, with a fair value of $5.2 million and $5.2 million, respectively. The weighted average interest rate was 6.24% with a weighted average maturity of 11 years, as of September 30, 2024. There were no commercial mortgage loans more than ninety (90) days past due or in foreclosure as of September 30, 2024 or December 31, 2023.
Commercial Mortgage Backed Securities

CMBS are held at fair value. As of September 30, 2024 and December 31, 2023, the cost of these assets were $6.1 million and $6.3 million, with a fair value of $5.9 million and $6.6 million, respectively. There was no repurchase debt held against these assets at September 30, 2024 or December 31, 2023.
- References

No definition available.

+ Details
Name:us-gaap_DeferredCostsCapitalizedPrepaidAndOtherAssetsDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for other assets. This disclosure includes other current assets and other noncurrent assets.

+ References

No definition available.

+ Details
Name:us-gaap_OtherAssetsDisclosureTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 47 R20.htm IDEA: XBRL DOCUMENT
Equity 9 Months Ended
Sep. 30, 2024
Equity [Abstract] EquityEquity
As of September 30, 2024, we had 6,973,959 shares of our common stock remaining available for sale from time to time in at-the-market equity offering program (the "ATM Program"). These shares are registered with the SEC under our shelf registration statement.

During the three-months and nine-months ended September 30, 2024, the Company issued and sold 188,456 shares of common stock through the ATM Program for proceeds of $2.3 million, net of $45 thousand in commissions and fees.

On July 25, 2024 the Company repurchased 1,707,922 shares of common stock owned by Xylem Finance LLC, an affiliate of Davidson Kempner Capital Management, LP, for an aggregate repurchase price of approximately $20.0 million following the issuance of $50 million in aggregate principal amount of the Notes.
- References

No definition available.

+ Details
Name:us-gaap_EquityAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for equity.

+ References

Reference 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 48 R21.htm IDEA: XBRL DOCUMENT

Earnings per Share ("EPS")9 Months Ended

Sep. 30, 2024

Earnings Per Share [Abstract] Earnings per Share ("EPS")Earnings per Share ("EPS")

In the calculations of basic and diluted earnings per common share for the three and nine months ended September 30, 2024 and 2023, the Company included participating securities, which are certain equity awards that have non-forfeitable dividend participation rights. Dividends and undistributed earnings allocated to participating securities under the basic and diluted earnings per share calculations require specific shares to be included that may differ in certain circumstances.

For the three and nine month periods ended September 30, 2024, there were approximately 120,000 dilutive outstanding restricted stock awards and approximately 200,000 dilutive performance-based restricted stock units. To date we have expensed $0.7 million related to the performance-based restricted stock units based on current market conditions.
For the three and nine month periods ended September 30, 2023, there were 186,645 anti-dilutive outstanding restricted stock awards and 95,832 performance shares, although the market-based "total stockholder return" conditions for performance share units had not been achieved and thus these units were not included in the diluted weighted average common shares outstanding.

The following table sets forth the calculation of basic and diluted earnings per share for the three months ended September 30, 2024 and 2023:

(in thousands, except share and per share data)	September 30, 2024	September 30, 2023
Basic Earnings (Loss) per Common Share:		
Net income (loss) to common stockholders	$31,204	$8,273
Dividends allocated to participating securities	(38)	(60)
Net income (loss) to common stockholders - basic	$31,166	$8,213
Basic weighted average common shares outstanding	23,757,039	24,768,921
Basic earnings (loss) per common share	$1.31	$0.33
Diluted Earnings (Loss) per Common Share:		
Net income (loss) to common stockholders - basic	$31,204	$8,273
Dividends allocated to participating securities	(38)	(60)
Net income (loss) to common stockholders - diluted	$31,166	$8,213
Basic weighted average common shares outstanding	23,757,039	24,768,921
Net effect of dilutive equity awards	322,208	188,747
Diluted weighted average common shares outstanding	24,079,247	24,957,668
Diluted earnings (loss) per common share	$1.29	$0.33

The following table sets forth the calculation of basic and diluted earnings per share for the nine months ended September 30, 2024 and 2023:

(in thousands, except share and per share data)	September 30, 2024	September 30, 2023
Basic Earnings (Loss) per Common Share:		
Net income (loss) to common stockholders	$43,806	$5,115
Dividends allocated to participating securities	(115)	(123)
Net income (loss) to common stockholders - basic	$43,691	$4,992
Basic weighted average common shares outstanding	24,445,105	24,706,568
Basic earnings (loss) per common share	$1.79	$0.20
Diluted Earnings (Loss) per Common Share:		
Net income (loss) to common stockholders - basic	$43,806	$5,115
Dividends allocated to participating securities	(115)	(123)
Net income (loss) to common stockholders - diluted	$43,691	$4,992
Basic weighted average common shares outstanding	24,445,105	24,706,568
Net effect of dilutive equity awards	333,360	227,265
Diluted weighted average common shares outstanding	24,778,465	24,933,833
Diluted earnings (loss) per common share	$1.76	$0.20

- References

No definition available.

+ Details

Name:us-gaap_EarningsPerShareAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for earnings per share.

+ References

Reference 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 49 R22.htm IDEA: XBRL DOCUMENT

Subsequent Events 9 Months Ended

Sep. 30, 2024

Subsequent Events [Abstract] Subsequent EventsSubsequent Events

On October 16, 2024, the Company securitized residential mortgage loans with a scheduled unpaid principal balance of approximately $316.8 million in the issuance of AOMT 2024-10. Similar to certain previous securitization transactions, the Company will consolidate the VIE used to facilitate this transaction. See Note 2 — Variable Interest Entities for a discussion of the accounting policies applied to the consolidation of VIEs and transfers of financial assets in connection with financing transactions.

On October 25, 2024, the Company amended its loan financing facility with Global Investment Bank 2 to, among other changes, reduce the interest rate pricing spread to a range from 1.75% to 3.35%, based on collateral type, loan status, dwell time and other factors. See Note 5 — Financing for a further discussion related to this financing facility.

On November 1, 2024, the Company amended its loan financing facility with Global Investment Bank 3 to, among other changes, (i) extend the termination date to November 1, 2025; (ii) reduce the interest rate pricing spread to a range from 1.90% to 4.75% based on collateral type, loan status, dwell time and other factors; and (iii) eliminate the 20 basis point index spread adjustment. See Note 5 — Financing for a further discussion related to this financing facility.

On November 6, 2024, the Company declared a dividend of $0.32 per share of common stock, to be paid on November 27, 2024 to common stockholders of record as of November 19, 2024.

- References

No definition available.

+ Details

Name:us-gaap_SubsequentEventsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/855/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2

+ Details

Name:us-gaap_SubsequentEventsTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 50 R23.htm IDEA: XBRL DOCUMENT

Pay vs Performance Disclosure - USD ($) $ in Thousands3 Months Ended9 Months Ended

Sep. 30, 2024

Sep. 30, 2023

Sep. 30, 2024

Sep. 30, 2023

Pay vs Performance Disclosure Net income (loss)$ 31,204$ 8,273$ 43,806$ 5,115

- References

Reference 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

- Definition

The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.

+ References

Reference 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 51 R24.htm IDEA: XBRL DOCUMENT
Insider Trading Arrangements3 Months Ended
Sep. 30, 2024
Trading Arrangements, by Individual Rule 10b5-1 Arrangement Adoptedfalse Non-Rule 10b5-1 Arrangement Adoptedfalse Rule 10b5-1 Arrangement Terminatedfalse Non-Rule 10b5-1 Arrangement Terminatedfalse
- References

Reference 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

- References

Reference 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

- References

Reference 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

- References

Reference 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

- References

Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A

+ Details

Name:ecd_TradingArrByIndTable Namespace Prefix:ecd_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 52 R25.htm IDEA: XBRL DOCUMENT

Organization and Basis of Presentation (Policies)9 Months Ended

Sep. 30, 2024

Organization, Consolidation and Presentation of Financial Statements [Abstract] The Operating Partnership

The Operating Partnership

On February 5, 2020, the Company formed Angel Oak Mortgage Operating Partnership, LP, a Delaware limited partnership (the "Operating Partnership"), through which substantially all of its assets are held and substantially all of its operations are conducted, either directly or through subsidiaries. The Company holds all of the limited partnership interests in the Operating Partnership and indirectly holds the sole general partnership interest in the Operating Partnership through the general partner, which is the Company's wholly-owned subsidiary.

The Company's Manager and REIT status

The Company is externally managed and advised by Falcons I, LLC (the "Manager"), a Securities and Exchange Commission-registered investment adviser and an affiliate of Angel Oak Capital Advisors, LLC ("Angel Oak Capital"). The Company has elected to be taxed as a real estate investment trust (a "REIT") under the Internal Revenue Code of 1986, as amended (the "Code"), commencing with its taxable year ended December 31, 2019. Interim Financial Statements

Interim Financial Statements

The accompanying unaudited condensed consolidated financial statements have been prepared in conformity with the instructions to Article 10-01 of Regulation S-X for interim financial statements. Accordingly, they do not include all the information and footnotes required by generally accepted accounting principles in the United States of America ("GAAP") for complete financial statements. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the consolidated financial statements and related notes for the year ended December 31, 2023, included in the Company's Annual Report on Form 10-K for the year ended December 31, 2023 (the "Annual Report on Form 10-K").

In the opinion of management, the accompanying condensed consolidated financial statements contain all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of the results for the interim periods presented. Such operating results may not be indicative of the expected results for any other interim periods or the entire year. The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany balances and transactions have been eliminated in consolidation. Use of Estimates

Use of Estimates

The preparation of financial statements requires the Company to make a number of significant estimates. These include estimates of fair value of certain assets and liabilities, amounts and timing of credit losses, prepayment rates, and other estimates that affect the reported amounts of certain assets and liabilities as of the date of the condensed consolidated financial statements and the reported amounts of certain revenues and expenses during the reported periods. It is likely that changes in these estimates (e.g., fair value changes due to inputs and underlying assumptions as described in Note 2 — Fair Value Measurements, credit performance, prepayments, interest rates, or other reasons) will occur in the near term. The Company's estimates are inherently subjective in nature and actual results could differ from the Company's estimates and the differences could be material. Reclassifications

Reclassifications

Certain comparative period amounts in the condensed consolidated financial statements have been reclassified for consistency with current period presentation. These reclassifications had no effect on the reported results of operations. Specifically, certain cash flows previously presented as cash flows from operating activities on the condensed consolidated statements of cash flows for the nine months ended September 30, 2023, have been reclassified to cash flows from investing activities as Purchases of investments in majority-owned affiliates. Recent Accounting Pronouncements and Summary of Significant Accounting Policies

The Company's summary of significant accounting policies as set forth in its Annual Report on Form 10-K remain unchanged.

Recent Accounting Pronouncements

The Company considers the applicability and impact of all Accounting Standards Updates ("ASUs"). There were no recent ASUs that are expected to have a significant impact on the Company's condensed consolidated financial statements when adopted or had a significant impact on the Company's condensed consolidated financial statements upon adoption.

Summary of Significant Accounting Policies

- Definition

Disclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS).

+ References

No definition available.

+ Details

Name:us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration

- Definition

Disclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1

+ Details

Name:us-gaap_ConsolidationPolicyTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration

- Definition

Disclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact.

+ References

No definition available.

+ Details

Name:us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration

- References

No definition available.

+ Details

Name:us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Disclosure of accounting policy for reclassification affecting comparability of financial statement. Excludes amendment to accounting standards, other change in accounting principle, and correction of error.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -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_PriorPeriodReclassificationAdjustmentDescription Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration

- Definition

Disclosure of accounting policy for the use of estimates in the preparation of financial statements in conformity with generally accepted accounting principles.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-9Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 11 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 12 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-12Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-8

+ Details

Name:us-gaap_UseOfEstimates Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 53 R26.htm IDEA: XBRL DOCUMENT

Variable Interest Entities (Tables)9 Months Ended

Sep. 30, 2024

Organization, Consolidation and Presentation of Financial Statements [Abstract] Schedule of Securitization Transactions

The following table summarizes the key details of the loan securitization transactions for which the Company is the primary beneficiary currently outstanding as of September 30, 2024 and December 31, 2023:

As of:	*September 30, 2024*	*December 31, 2023*
($ in thousands)		
Aggregate unpaid principal balance of residential whole loans sold	*$1,512,722*	*$1,334,963*
Fair value adjustment for residential mortgage loans in securitization trusts	*(59,815)*	*(113,896)*
Residential mortgage loans in securitization trusts, at fair value	*$1,452,907*	*$1,221,067*
Outstanding amount of Non-recourse securitization obligation, at amortized cost	*$1,376,244*	*$1,220,067*
Fair value adjustment for the portion of Non-recourse securitization obligation, at fair value option	*(22,486)*	*(50,912)*
Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts	*$1,353,758*	*$1,169,155*
Weighted average fixed rate for Non-recourse securitization obligation issued	*3.51 %*	*2.91 %*
For the period ended:	***September 30, 2024***	***December 31, 2023***
($ in thousands)		
Aggregate unpaid principal balance of residential whole loans sold, at deal date	*$2,010,214*	*$1,710,381*
Face amount of Non-recourse securitization obligation issued by the VIE and purchased by third party investors, at deal date	*1,893,847*	*1,619,051*
Face amount of Senior Support Certificates received by the Company, at deal date	*116,367*	*91,330*
Aggregate cash received, at deal date	*233,835*	*194,746*

- References

No definition available.

+ Details

Name:us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type: na Period Type:duration

- Definition

Tabular disclosure of the significant judgments and assumptions made in determining whether a variable interest (as defined) held by the entity requires the variable interest entity (VIE) (as defined) to be consolidated and (or) disclose information about its involvement with the VIE, individually or in aggregate (as applicable); the nature of restrictions, if any, on the consolidated VIE's assets and on the settlement of its liabilities reported by an entity in its statement of financial position, including the carrying amounts of such assets and liabilities; the nature of, and changes in, the risks associated with involvement in the VIE; how involvement with the VIE affects the entity's financial position, financial performance, and cash flows; the lack of recourse if creditors (or beneficial interest holders) of the consolidated VIE have no recourse to the general credit of the primary beneficiary (if applicable); the terms of arrangements, giving consideration to both explicit arrangements and implicit variable interests, if any, that could require the entity to provide financial support to the VIE, including events or circumstances that could expose the entity to a loss; the methodology used by the entity for determining whether or not it is the primary beneficiary of the variable interest entity; the significant factors considered and judgments made in determining that the power to direct the activities of a VIE that most significantly impact the VIE's economic performance are shared (as defined); the carrying amounts and classification of assets and liabilities of the VIE included in the statement of financial position; the entity's maximum exposure to loss, if any, as a result of its involvement with the VIE, including how the maximum exposure is determined and significant sources of the entity's exposure to the VIE; a comparison of the carrying amounts of the assets and liabilities and the entity's maximum exposure to loss; information about any liquidity arrangements, guarantees, and (or) other commitments by third parties that may affect the fair value or risk of the entity's variable interest in the VIE; whether or not the entity has provided financial support or other support (explicitly or implicitly) to the VIE that it was not previously contractually required to provide or whether the entity intends to provide that support, including the type and amount of the support and the primary reasons for providing the support; and supplemental information the entity determines necessary to provide.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 5A -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-5AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-9Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-4Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-6

+ Details

Name:us-gaap_ScheduleOfVariableInterestEntitiesTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type: duration XML 54 R27.htm IDEA: XBRL DOCUMENT

Residential Mortgage Loans (Tables)9 Months Ended
Sep. 30, 2024
SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Abstract] Schedule of Residential Mortgage Loans
The following table sets forth the cost, unpaid principal balance, net premium on mortgage loans purchased, fair value, weighted average interest rate, and weighted average remaining contractual maturity of the Company's residential mortgage loan portfolio as of September 30, 2024 and December 31, 2023:

	September 30, 2024	December 31, 2023
($ in thousands)		
Cost	$421,944	$393,443
Unpaid principal balance	$411,468	$386,872
Net premium on mortgage loans purchased	10,476	6,571
Change in fair value	6,965	(13,403)
Fair value	$428,909	$380,040
Weighted average interest rate	7.73 %	6.78 %
Weighted average remaining contractual maturity (years)	30	29

Schedule of Financing Receivables Past Due
The following table sets forth data regarding the number of consumer mortgage loans secured by residential real property ninety (90) or more days past due and also those in formal foreclosure proceedings, and the recorded investment and unpaid principal balance of such loans as of September 30, 2024 and December 31, 2023:

As of:	September 30, 2024	December 31, 2023
($ in thousands)		
Number of mortgage loans 90 or more days past due	5	7
Recorded investment in mortgage loans 90 or more days past due	$2,174	$5,754
Unpaid principal balance of loans 90 or more days past due	$2,142	$5,681
Number of mortgage loans in foreclosure	1	2
Recorded investment in mortgage loans in foreclosure	$569	$1,956
Unpaid principal balance of loans in foreclosure	$551	$1,889

- Definition

Financing Receivables

+ References

No definition available.

+ Details
Name:aomr_FinancingReceivablesTableTextBlock Namespace Prefix:aomr_ Data Type:dtr-types1:textBlockItemType Balance Type:na Period Type:duration

- References

No definition available.

+ Details
Name:srt_MortgageLoansOnRealEstateAbstract Namespace Prefix:srt_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Tabular disclosure of aging analysis for financing receivable.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-7AReference 2: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-7Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-14Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 80 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479294/326-20-55-80

+ Details
Name:us-gaap_PastDueFinancingReceivablesTableTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type: duration XML 55 R28.htm IDEA: XBRL DOCUMENT
Investment Securities (Tables)9 Months Ended
Sep. 30, 2024
Investments, Debt and Equity Securities [Abstract] Schedule of Investments Securities at Cost

The following table sets forth a summary of RMBS at cost as of September 30, 2024 and December 31, 2023:

	September 30, 2024	December 31, 2023
($ in thousands)		
AOMT RMBS	$88,998	$84,957
Whole Pool Agency RMBS	$194,697	$391,964

The following table sets forth certain information about the Company's investments in U.S. Treasury securities as of September 30, 2024 and December 31, 2023:

Date	Face Value	Unamortized Discount, net	Amortized Cost	Unrealized Gain/(Loss)	Fair Value	Net Effective Yield
($ in thousands)						
September 30, 2024	$50,000	$16	$49,984	$(13)	$49,971	3.89 %
December 31, 2023	$150,000	$159	$149,841	$86	$149,927	5.30 %

Schedule of Investments in RMBS and CMBS at Fair Value

The following tables sets forth certain information about the Company's investments in RMBS at fair value as of September 30, 2024 and December 31, 2023:

Repurchase Allocated Capital September 30, 2024:	Real Estate Securities at Fair Value	Securities Sold Under Agreements to Repurchase	Net Investment Position
($ in thousands)			
AOMT RMBS[1]			
Mezzanine	$13,463	$(5,292)	$8,171
Subordinate	62,223	(20,175)	42,048
Interest Only/Excess	13,055	—	13,055
Retained RMBS in VIEs[2]	—	(27,697)	(27,697)
Total AOMT RMBS	$88,741	$(53,164)	$35,577
Whole Pool Agency RMBS[3]			
Fannie Mae	$158,040	$—	$158,040
Freddie Mac	36,324	—	36,324
Total Whole Pool Agency RMBS	$194,364	$—	$194,364
Total RMBS	$283,105	$(53,164)	$229,941

[1] AOMT RMBS held as of September 30, 2024 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions.

[2] A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $143.5 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets.

[3] The whole pool RMBS presented as of September 30, 2024 were purchased from a broker to whom the Company owes approximately $195 million, payable upon the settlement date of the trade. See Note 6 - Due to Broker. There was no margin collateral required as of September 30, 2024.

Under Agreements to Repurchase Allocated Capital	Real Estate Securities at Fair Value	Securities Sold Under Agreements to Repurchase	Net Investment Position
($ in thousands)			
AOMT RMBS[1]			
Mezzanine	$10,972	$(844)	$10,128
Subordinate	55,665	(19,812)	35,853
Interest Only/Excess	13,059	(1,871)	11,188
Retained RMBS in VIEs[2]	—	(22,116)	(22,116)
Total AOMT RMBS	$79,696	$(44,643)	$35,053
Whole Pool Agency RMBS[3]			
Fannie Mae	$278,510	$—	$278,510
Freddie Mac	113,852	—	113,852
Total Whole Pool Agency RMBS	$392,362	$—	$392,362
Total RMBS	$472,058	$(44,643)	$427,415

[1] AOMT RMBS held as of December 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions.

[2] A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $124.1 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets.

~~[3] The whole pool RMBS presented as of December 31, 2023 were purchased from a broker to whom the Company owes approximately $392 million, payable upon the settlement date of the trade. See Note 6 - Due to Broker.~~

- Definition

Debt Securities, Available-for-sale and Securities Sold Under Agreements to Repurchase

+ References

No definition available.

+ Details

Name:aomr_DebtSecuritiesAvailableForSaleAndSecuritiesSoldUnderAgreementsToRepurchaseTableTextBlock Namespace Prefix:aomr_ Data Type: dtr-types1:textBlockItemType Balance Type:na Period Type:duration

- Definition

Tabular disclosure of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-9Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aaa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 9: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3

+ Details

Name:us-gaap_DebtSecuritiesAvailableForSaleTableTextBlock **Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type: duration**

- References

No definition available.

+ Details

Name:us-gaap_InvestmentsDebtAndEquitySecuritiesAbstract **Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 56 R29.htm IDEA: XBRL DOCUMENT**
Financing (Tables) 9 Months Ended
Sep. 30, 2024
Notes Payable [Abstract] **Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases**

The following table sets forth the details of the Company's notes payable and drawn amounts for whole loan purchases as of September 30, 2024 and December 31, 2023:

			Interest Rate Pricing Spread		
Drawn Amount Note Payable	Base Interest Rate	September 30, 2024 December 31, 2023			($ in thousands)
Multinational Bank 1[1][2]	Average Daily SOFR				
1.75% - 2.10%	$292,060	$206,183			
Global Investment Bank 2[2]					
1 month Term SOFR					
2.10% - 3.45%	—	—			
Global Investment Bank 3[3]	Compound SOFR				
2.00% - 4.50%	40,982	84,427			
Institutional Investors A and B[4]	1 month Term SOFR	3.50%	N/A	—	
Regional Bank 1[5]	1 month SOFR				
2.50% - 3.50%	N/A	—	Total	$333,042	$290,610

[1] On September 25, 2024, this financing facility was extended through March 25, 2025 in accordance with the terms of the agreement, which contemplates six-month renewals.

[2] On March 28, 2024 the amended and restated Master Repurchase Agreement was terminated and replaced with a new $250 million Master Repurchase Agreement which has a termination date of March 27, 2026. On October 25, 2024, this facility was amended, reducing the interest rate pricing spread to a range from 1.75% to 3.35%, based on loan status, dwell time and other factors. Prior to this extension the interest rate pricing spread ranged from 2.10% to 3.35% (See Note 16 — Subsequent Events).

[3] On November 1, 2024, this facility was amended to (i) reduce the interest rate pricing spread to a range from 1.90% to 4.75%, based on loan status, dwell time and other factors, (ii) eliminate the 20 basis point index spread adjustment, and (iii) extend the facility's termination date to November 1, 2025. (See note 16 — Subsequent Events).

[4] These master repurchase agreements expired by their terms on January 4, 2023.

[5] This agreement expired by its terms on March 16, 2023.
The following table sets forth the total unused borrowing capacity of each financing line as of September 30, 2024:

				Note Payable	Borrowing Capacity	Balance Outstanding	Available
Financing	(in thousands)						
Multinational Bank 1	$600,000	$292,060	$307,940				
Global Investment Bank 2	250,000	—	250,000				
Global Investment Bank 3	200,000	40,982	159,018	Total	$1,050,000	$333,042	$716,958

- References

No definition available.

+ Details

Name:us-gaap_NotesPayableAbstract **Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration**

- Definition

Tabular disclosure of short-term or long-term contractual arrangements with lenders, including letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line.

+ References

Reference 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_ScheduleOfLineOfCreditFacilitiesTextBlock **Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration**
XML 57 R30.htm IDEA: XBRL DOCUMENT
Securities Sold Under Agreements to Repurchase (Tables)9 Months Ended
Sep. 30, 2024
Banking and Thrift, Interest [Abstract] **Schedule of Repurchase Agreements**

The following table summarizes certain characteristics of the Company's repurchase agreements as of September 30, 2024 and December 31, 2023:

	September 30, 2024	Repurchase Agreements	Amount Outstanding	Weighted Average Interest Rate	Weighted Average Remaining Maturity (Days)
($ in thousands)					
U.S. Treasury securities	$49,712	4.90 %	3		
AQMT RMBS[1]	$3,164	6.35 %	18		
Total	$102,876	5.65 %	11		
	December 31, 2023	Repurchase Agreements	Amount Outstanding	Weighted Average Interest Rate	Weighted Average Remaining Maturity (Days)
U.S. Treasury securities	$149,012	5.57 %	10		
AQMT RMBS[1]	44,643	7.04 %	16		
Total	$193,656	5.91 %	11		

[1] A portion of repurchase debt outstanding as of both September 30, 2024 and December 31, 2023 includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). See Note 4 - Investment Secur

- References

No definition available.

+ Details

Name:us-gaap_BankingAndThriftInterestAbstract **Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration**

- Definition

The entire disclosure for repurchase agreements.

+ References

No definition available.

+ Details

Name:us-gaap_ScheduleOfRepurchaseAgreements **Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 58 R31.htm IDEA: XBRL DOCUMENT**
Derivative Financial Instruments (Tables)9 Months Ended
Sep. 30, 2024
Derivative Instruments and Hedging Activities Disclosure [Abstract] **Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts**

The following table sets forth the derivative instruments presented on the condensed consolidated balance sheets and notional amounts as of September 30, 2024 and December 31, 2023:

	Notional Amounts As of:	Derivatives Not Designated as Hedging Instruments	Number of Contracts	Assets	Liabilities	Long Exposure	Short Exposure
($ in thousands)							
September 30, 2024	Interest rate futures	2,404	$1,392	$—	$—	$240,400	
September 30, 2024	TBAs	N/A	$259	$—	$—	$203,400	
December 31, 2023	Interest rate futures	1,489	$—	$840	$—	$148,900	
December 31, 2023	TBAs	N/A	$—	$494	$—	$ 386,700	

Schedule of Derivatives Not Designated as Hedging Instruments

The gains and losses arising from these derivative instruments in the condensed consolidated statements of operations and comprehensive income (loss) for the three and nine months ended September 30, 2024 and September 30, 2023 are set forth as follows:

		Derivatives Not Designated as Hedging Instruments	Net Realized Gains (Losses) on Derivative Instruments	Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments
(in thousands)				
Three Months Ended September 30, 2024	Interest rate futures	$14,461	$1,184	
Three Months Ended September 30, 2024	TBAs	$3,115	$(1,235)	
Three Months Ended September 30, 2023	Interest rate futures	$2,828	$(364)	
Three Months Ended September 30, 2023	TBAs	$7,421	$4,927	

		Derivatives Not Designated as Hedging Instruments	Net Realized Gains (Losses) on Derivative Instruments	Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments
(in thousands)				
Nine Months Ended September 30, 2024	Interest rate futures	$(622)	$1,252	
Nine Months Ended September 30, 2024	TBAs	$5,238	$753	
Nine Months Ended September 30, 2023	Interest rate futures	$8,599	$(2,416)	
Nine Months Ended September 30, 2023	TBAs	$4,900	$(5,379)	

- References

No definition available.

+ Details

Name:us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract **Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration**

- Definition

Tabular disclosure of the notional amounts of outstanding derivative positions.

+ References

Reference 1: 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_ScheduleOfNotionalAmountsOfOutstandingDerivativePositionsTableTextBlock **Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration**

- Definition

Tabular disclosure of derivative instrument not designated or qualifying as hedging instrument.

+ References

Reference 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_ScheduleOfOtherDerivativesNotDesignatedAsHedgingInstrumentsStatementsOfFinancialPerformanceAndFinancialPositionLocationTableTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 59 R32.htm IDEA: XBRL DOCUMENT

Fair Value Measurements (Tables)9 Months Ended

Sep. 30, 2024

Fair Value Disclosures [Abstract] Schedule of Financial Assets and Liabilities Measured at Fair Value

— Only the portion subject to fair value measurement, as adjusted for fair value, is presented above.

The following table sets forth information about the Company's financial assets and liabilities measured at fair value as of September 30, 2024:

(in thousands)	Level 1	Level 2	Level 3	Total
Assets, at fair value				
Investments in securities				
Residential mortgage loans	$ —	$426,501	$2,408	$428,909
Residential mortgage loans in securitization trusts	—	1,425,632	27,275	1,452,907
AOMT RMBS[1]	—	88,741	—	88,741
Whole Pool Agency RMBS	—	194,364	—	194,364
U.S. Treasury Securities	49,971	—	—	49,971
Other Assets, at fair value[2]	—	11,178	—	11,178
Unrealized appreciation on futures contracts	1,392	—	—	1,392
Unrealized appreciation on TBAs	259	—	—	259
Total assets, at fair value	$51,622	$2,146,416	$29,683	$2,227,721
Liabilities, at fair value				
Non-recourse securitization obligation, collateralized by residential mortgage loans[3]	$ —	$1,289,236	$ —	$1,289,236
Total liabilities, at fair value	$ —	$1,289,236	$ —	$1,289,236

[1] AOMT RMBS held as of September 30, 2024 included both retained tranches of AOMT securitizations in which the Company participated, additional AOMT securities purchased in secondary market transactions, and other RMBS purchased in secondary market transactions.

[2] Includes Commercial Loans and AOMT commercial mortgage backed securities ("CMBS") assets. All AOMT CMBS held as of September 30, 2024 was comprised of a small balance commercial loan securitization issuance in which the Company participated.

[3] Only the portion subject to fair value measurement, as adjusted for fair value, is presented above. See below for the disclosure of the full debt at fair value.

The following table sets forth information about the Company's financial assets and liabilities measured at fair value as of December 31, 2023:

(in thousands)	Level 1	Level 2	Level 3	Total
Assets, at fair value				
Investments in securities				
Residential mortgage loans	$ —	$374,004	$6,036	$380,040
Residential mortgage loans in securitization trusts	—	1,207,804	13,263	1,221,067
AOMT RMBS[1]	—	79,696	—	79,696
Whole Pool Agency RMBS	—	392,362	—	392,362
U.S. Treasury Securities	149,927	—	—	149,927
Other Assets, at fair value[2]	—	32,923	—	32,923
Total assets, at fair value	$149,927	$2,086,789	$19,299	$2,256,015
Liabilities, at fair value				
Non-recourse securitization obligation, collateralized by residential mortgage loans[3]	$ —	$743,189	$ —	$743,189
Unrealized depreciation on futures contracts	(840)	—	—	(840)
Unrealized depreciation on TBAs	(494)	—	—	(494)
Total liabilities, at fair value	$(1,334)	$743,189	$ —	$741,855

[1] AOMT RMBS held as of December 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated, additional AOMT securities purchased in secondary market transactions, and other RMBS purchased in secondary market transactions.

[2] Includes Commercial Loans and AOMT CMBS assets. All AOMT CMBS held as of December 31, 2023 was comprised of a small balance commercial loan securitization issuance in which the Company participated.[3] **Schedule of Significant Level 3 Inputs**

The following table sets forth information regarding the Company's significant Level 3 inputs as of September 30, 2024:

Input Values Asset	Fair Value	Unobservable Input	Range	Average
($ in thousands)				
Residential mortgage loans, at fair value	$2,408	Prepayment rate (annual CPR)	5.28% - 19.36%	12.27%
		Default rate	7.62% - 35.41%	19.02%
		Loss severity	— % - 17.08%	9.46%
		Expected remaining life	0.67 - 4.28 years	2.44 years
Residential mortgage loans in securitization trust, at fair value	$27,275	Prepayment rate (annual CPR)	4.01% - 15.67%	10.63%
		Default rate	6.98% - 28.33%	17.42%
		Loss severity	(22.22)% - 60.81%	1.37%
		Expected remaining life	1.33 - 5.86 years	2.66 years

The following table sets forth information regarding the Company's significant Level 3 inputs as of December 31, 2023:

Input Values Asset	Fair Value	Unobservable Input	Range	Average
Residential mortgage loans, at fair value	$6,036	Prepayment rate (annual CPR)	6.86% - 19.93%	13.40%
		Default rate	12.60% - 13.64%	13.16%
		Loss severity	(25.00)% - 40.13%	4.12%
		Expected remaining life	0.67 - 4.09 years	2.22 years
Residential mortgage loans in securitization trust, at fair value	$13,263	Prepayment rate (annual CPR)	5.97% - 20.71%	12.32%
		Default rate	4.30% - 26.66%	16.92%
		Loss severity	(13.99)% - 19.60%	4.14%
		Expected remaining life	0.67 - 5.67 years	2.72 years

- Definition

Tabular disclosure of input and valuation technique used to measure fair value and change in valuation approach and technique for each separate class of asset and liability measured on recurring and nonrecurring basis.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: 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

+ Details

Name:us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesTableTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration

- Definition

Tabular disclosure of the fair value of financial instruments, including financial assets and financial liabilities, and the measurements of those instruments, assets, and liabilities.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-11

+ Details

Name:us-gaap_FairValueByBalanceSheetGroupingTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:

duration

- References

No definition available.

+ Details

Name:us-gaap_FairValueDisclosuresAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 60 R33.htm IDEA: XBRL DOCUMENT

Related Party Transactions (Tables) 9 Months Ended

Sep. 30, 2024

Related Party Transactions [Abstract] Schedule of Related Party Transactions

The following table sets forth certain financial information pertaining to whole loan activity purchased from affiliates during the period and year ended as of September 30, 2024 and December 31, 2023:

	As of and for the Year-to-Date/Year Ended:	
Amount of Loans Purchased from Affiliates during the Year-to-Date/Year Ended (in thousands)		
Number of Loans Purchased from Affiliates during the Year-to-Date/Year Ended		
Number of Loans Purchased from Affiliates, Owned and Held as of Year-to-Date/Year Ended [1]	September 30, 2024	$182,200 405 380
	December 31, 2023	$199,793 475 589

[1] Excludes loans held in consolidated securitizations.

- References

No definition available.

+ Details

Name:us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Tabular disclosure of related party transactions. Examples of related party transactions include, but are not limited to, transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners and (d) affiliates.

+ References

No definition available.

+ Details

Name:us-gaap_ScheduleOfRelatedPartyTransactionsTableTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 61 R34.htm IDEA: XBRL DOCUMENT

Accumulated Other Comprehensive Income/(Loss) (Tables) 9 Months Ended

Sep. 30, 2024

Stockholders' Equity Note [Abstract] Schedule of Accumulated Other Comprehensive Income /(Loss)

The following table sets forth the net unrealized gain/(loss) on available-for-sale ("AFS") securities for the three and nine months ended September 30, 2024 and 2023, which is the sole component of the changes in the Company's Accumulated Other Comprehensive Income/(Loss) ("AOCI") for the three and nine months ended September 30, 2024 and 2023:

	Three Months Ended September 30, 2024	Three Months Ended September 30, 2023
(in thousands)		
AOCI balance, beginning of period	$(3,147)	$(6,565)
Net unrealized gain/(loss) on AFS securities	2,706	(1,607)
AOCI balance, end of period	$(441)	$(8,172)

	Nine Months Ended September 30, 2024	Nine Months Ended September 30, 2023
(in thousands)		
AOCI balance, beginning of period	$(4,975)	$(21,127)
Net unrealized gain/(loss) on AFS securities	4,534	12,955
AOCI balance, end of period	$(441)	$(8,172)

- Definition

Tabular disclosure of the components of accumulated other comprehensive income (loss).

+ References

Reference 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/1943274/2147402790/220-10-45-14AReference 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

- References

No definition available.

+ Details

Name:us-gaap_StockholdersEquityNoteAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 62 R35.htm IDEA: XBRL DOCUMENT

Other Assets (Tables) 9 Months Ended

Sep. 30, 2024

Deferred Costs, Capitalized, Prepaid, and Other Assets Disclosure [Abstract] Schedule of Other Assets

The following table sets forth the detail of other assets included in the condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023:

($ in thousands)	September 30, 2024	December 31, 2023
Investments in Majority-Owned Affiliates	$18,720	$16,232
Commercial Mortgage Loans, at fair value	5,242	5,219
CMBS, at fair value	5,936	6,592
Deferred tax asset	3,457	3,457
Prepaid expenses	1,570	1,137
Protective advances and other assets	1,037	285
Total other assets	$35,962	$32,922

- References

No definition available.

+ Details

Name:us-gaap_DeferredCostsCapitalizedPrepaidAndOtherAssetsDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Tabular disclosure of the carrying amounts of other assets. This disclosure includes other current assets and other noncurrent assets.

+ References

No definition available.

+ Details

Name:us-gaap_ScheduleOfOtherAssetsTableTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 63 R36.htm IDEA: XBRL DOCUMENT

Earnings per Share ("EPS") (Tables)9 Months Ended

Sep. 30, 2024

Earnings Per Share [Abstract] Schedule of Basic and Diluted Earnings Per Share

The following table sets forth the calculation of basic and diluted earnings per share for the three months ended September 30, 2024 and 2023:

	September 30, 2024	September 30, 2023
(in thousands, except share and per share data)		
Basic Earnings (Loss) per Common Share:		
Net income (loss) to common stockholders	$31,204	$8,273
Dividends allocated to participating securities	(38)	(60)
Net income (loss) to common stockholders - basic	$ 31,166	$8,213
Basic weighted average common shares outstanding	23,757,039	24,768,921
Basic earnings (loss) per common share	$1.31	$0.33
Diluted Earnings (Loss) per Common Share:		
Net income (loss) to common stockholders - basic	$31,204	$8,273
Dividends allocated to participating securities	(38)	(60)
Net income (loss) to common stockholders - diluted	$31,166	$8,213
Basic weighted average common shares outstanding	23,757,039	24,768,921
Net effect of dilutive equity awards	322,208	188,747
Diluted weighted average common shares outstanding	24,079,247	24,957,668
Diluted earnings (loss) per common share	$1.29	$0.33

The following table sets forth the calculation of basic and diluted earnings per share for the nine months ended September 30, 2024 and 2023:

	September 30, 2024	September 30, 2023
(in thousands, except share and per share data)		
Basic Earnings (Loss) per Common Share:		
Net income (loss) to common stockholders	$43,806	$5,115
Dividends allocated to participating securities	(115)	(123)
Net income (loss) to common stockholders - basic	$ 43,691	$4,992
Basic weighted average common shares outstanding	24,445,105	24,706,568
Basic earnings (loss) per common share	$1.79	$0.20
Diluted Earnings (Loss) per Common Share:		
Net income (loss) to common stockholders - basic	$43,806	$5,115
Dividends allocated to participating securities	(115)	(123)
Net income (loss) to common stockholders - diluted	$43,691	$4,992
Basic weighted average common shares outstanding	24,445,105	24,706,568
Net effect of dilutive equity awards	333,360	227,265
Diluted weighted average common shares outstanding	24,778,465	24,933,833
Diluted earnings (loss) per common share	$1.76	$0.20

- References

No definition available.

+ Details

Name:us-gaap_EarningsPerShareAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

Reference 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 64 R37.htm IDEA: XBRL DOCUMENT

Variable Interest Entities - Schedule of Securitization Transactions (Details) - VIE - Primary Beneficiary - Loan Securitization Transactions - USD ($) $ in Thousands	9 Months Ended	12 Months Ended
	Sep. 30, 2024	Dec. 31, 2023
Variable Interest Entity [Line Items]		
Aggregate unpaid principal balance of residential whole loans sold	$ 1,512,722	$ 1,334,963
Fair value adjustment for residential mortgage loans in securitization trusts	(59,815)	(113,896)
Residential mortgage loans in securitization trusts, at fair value	1,452,907	1,221,067
Aggregate unpaid principal balance of residential whole loans sold, at deal date	2,010,214	1,710,381
Aggregate cash received, at deal date	233,835	194,746
Non-recourse Variable Interest Entity [Line Items]		
Outstanding amount of Non-recourse securitization obligation, at amortized cost	1,376,244	1,220,067
Fair value adjustment for the portion of Non-recourse securitization obligation, at fair value option	(22,486)	(50,912)
Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts	$ 1,353,758	$ 1,169,155
Weighted average fixed rate for Non-recourse securitization obligation issued	3.51%	2.91%
Face amount of Non-recourse securitization obligation issued by the VIE and purchased by third-party investors, at deal date | Non-recourse Variable Interest Entity [Line Items] Face amount of debt	$ 1,893,847	$ 1,619,051
Face amount of Senior Support Certificates received by the Company, at deal date Variable Interest Entity [Line Items] Face amount of debt	$ 116,367	$ 91,330

- Definition

Fair Value Adjustment For Residential Mortgage Loans In Securitization Trusts

+ References

No definition available.

+ Details

Name:aomr_FairValueAdjustmentForResidentialMortgageLoansInSecuritizationTrusts Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Fair Value Adjustment For The Portion Of Non-recourse Securitization Obligation, At Fair Value Option

+ References

No definition available.

+ Details

Name:aomr_FairValueAdjustmentForThePortionOfNonRecourseSecuritizationObligationAtFairValueOption Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Residential Mortgage Loans In Securitization Trusts, At Fair Value

+ References

No definition available.

+ Details

Name:aomr_ResidentialMortgageLoansInSecuritizationTrustsAtFairValue Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Residential Whole Loans, Aggregate Fair Value

+ References

No definition available.

+ Details

Name:aomr_ResidentialWholeLoansAggregateFairValue Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Residential Whole Loans, Aggregate Fair Value At Deal Date

+ References

No definition available.

+ Details

Name:aomr_ResidentialWholeLoansAggregateFairValueAtDealDate Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant

- Definition

Securitization Obligation Outstanding, At Carrying Value

+ References

No definition available.

+ Details

Name:aomr_SecuritizationObligationOutstandingAtCarryingValue Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant

- Definition

Face (par) amount of debt instrument at time of issuance.

+ References

Reference 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

- Definition

Weighted average interest rate of debt outstanding.

+ References

No definition available.

+ Details

Name:us-gaap_DebtWeightedAverageInterestRate Namespace Prefix:us-gaap_ Data Type:dtr-types:percentItemType Balance Type:na Period Type:instant

- Definition

Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation.

+ References

Reference 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

- Definition

The cash inflow during the period from additional borrowings in aggregate debt. Includes proceeds from short-term and long-term debt.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14

+ Details

Name:us-gaap_ProceedsFromIssuanceOfDebt Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

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.

+ References

Reference 1: 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 2: 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 3: 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 4: 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 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-1AReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-1AReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-1A

+ Details

Name:us-gaap_VariableInterestEntityLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Details

Name:srt_ConsolidatedEntitiesAxis=us-gaap_VariableInterestEntityPrimaryBeneficiaryMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=us-gaap_AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_RecourseStatusAxis=us-gaap_NonrecourseMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DebtInstrumentAxis=aomr_SecuritizationDebtMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DebtInstrumentAxis=aomr_RatedAndNonRatedCertificatesMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 65 R38.htm IDEA: XBRL DOCUMENT

Variable Interest Entities - Narrative (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Bonds - Variable Interest Entity [Line Items] - Face amount of debt $ 274,800 Non-recourse - Variable Interest Entity [Line Items] - Non-recourse securitization obligations, collateralized by residential mortgage loans in securitization trusts 1,353,758 $ 1,169,154 VIE - Primary Beneficiary | Non-recourse - Variable Interest Entity [Line Items] - Non-recourse securitization obligations, collateralized by residential mortgage loans in securitization trusts 1,400,000 1,200,000 Loan Securitization Transactions - Variable Interest Entity [Line Items] - Securitized loans $ 1,500,000 $ 1,300,000

- Definition

Residential Mortgage Loans, At Fair Value And Carrying Value

+ References

No definition available.

+ Details

Name:aomr_ResidentialMortgageLoansAtFairValueAndCarryingValue Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Face (par) amount of debt instrument at time of issuance.

+ References

Reference 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

- Definition

Carrying value as of the balance sheet date, including the current and noncurrent portions, of collateralized debt obligations (with maturities initially due after one year or beyond the operating cycle, if longer). Such obligations include mortgage loans, chattel loans, and any other borrowings secured by assets of the borrower.

+ References

Reference 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_SecuredDebt Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

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.

+ References

Reference 1: 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 2: 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 3: 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 4: 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 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-1AReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-1AReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-1A

+ Details

Name:us-gaap_VariableInterestEntityLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Details

Name:us-gaap_DebtInstrumentAxis=us-gaap_BondsMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_RecourseStatusAxis=us-gaap_NonrecourseMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:srt_ConsolidatedEntitiesAxis=us-gaap_VariableInterestEntityPrimaryBeneficiaryMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=us-gaap_AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 66 R39.htm IDEA: XBRL DOCUMENT

Residential Mortgage Loans (Details) - Residential mortgage loans - at fair value $ in Thousands

	Sep. 30, 2024	Dec. 31, 2023
	USD ($)	USD ($)
	loan	loan
Financing Receivables [Abstract]		
Cost	$ 421,944	$ 393,443
Unpaid principal balance	411,468	386,872
Net premium on mortgage loans purchased	10,476	6,571
Change in fair value	6,965	(13,403)
Fair value	$ 428,909	$ 380,040
Weighted average interest rate	7.73%	6.78%
Weighted average remaining contractual maturity (years)	30 years	29 years
Financing Receivables, Past Due [Abstract]		
Number of mortgage loans 90 or more days past due | loan	57	
Recorded investment in mortgage loans 90 or more days past due	$ 2,174	$ 5,754
Unpaid principal balance of loans 90 or more days past due	$ 2,142	$ 5,681
Number of mortgage loans in foreclosure | loan	12	
Recorded investment in mortgage loans in foreclosure	$ 569	$ 1,956
Unpaid principal balance of loans in foreclosure	$ 551	$ 1,889

- Definition

Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Number

+ References

No definition available.

+ Details

Name:aomr_FairValueOptionLoansHeldAsAssets90DaysOrMorePastDueNumber Namespace Prefix:aomr_ Data Type:xbrli:integerItemType Balance Type:na Period Type:instant

- Definition

Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Unpaid Principal Balance

+ References

No definition available.

+ Details

Name:aomr_FairValueOptionLoansHeldAsAssets90DaysOrMorePastDueUnpaidPrincipalBalance Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Fair Value, Option, Loans Held as Assets, Foreclosure, Number

+ References

No definition available.

+ Details

Name:aomr_FairValueOptionLoansHeldAsAssetsForeclosureNumber Namespace Prefix:aomr_ Data Type:xbrli:integerItemType Balance Type:na Period Type:instant

- Definition

Fair Value, Option, Loans Held as Assets, Foreclosure, Unpaid Principal Balance

+ References

No definition available.

+ Details

Name:aomr_FairValueOptionLoansHeldAsAssetsForeclosureUnpaidPrincipalBalance Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Financing Receivable, After Allowance for Credit Loss, Before Fair Value Option Adjustment, Unpaid Principal Balance

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivableAfterAllowanceForCreditLossBeforeFairValueOptionAdjustmentUnpaidPrincipalBalance Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Financing Receivable, at Cost

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivableAtCost Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Financing Receivable, Weighted Average Contractual Maturity

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivableWeightedAverageContractualMaturity Namespace Prefix:aomr_ Data Type:xbrli:durationItemType Balance Type:na Period Type:instant

- Definition

Financing Receivable, Weighted Average Interest Rate

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivableWeightedAverageInterestRate Namespace Prefix:aomr_ Data Type:dtr-types1:percentItemType Balance Type:na Period Type:instant

- Definition

Financing Receivables

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivablesAbstract Namespace Prefix:aomr_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Financing Receivables, Past Due

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivablesPastDueAbstract Namespace Prefix:aomr_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

This item represents the difference between the aggregate fair value and the aggregate unpaid principal balance of loans and long-term receivables (other than securities categorized as trading, available-for-sale or held-to-maturity) that have contractual principal amounts and for which the fair value option has been elected.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 28 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28

+ Details
Name:us-gaap_FairValueOptionAggregateDifferencesLoansAndLongTermReceivables Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

This item represents the aggregate fair value of loans held as assets that are 90 days or more past due for which the fair value option has been elected.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 28 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28

+ Details
Name:us-gaap_FairValueOptionLoansHeldAsAssets90DaysOrMorePastDue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of unamortized purchase premium (discount) on financing receivable. Excludes financing receivable covered under loss sharing agreement.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481598/310-20-45-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-4

+ Details
Name:us-gaap_FinancingReceivableUnamortizedPurchasePremiumDiscount Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Recorded investment of consumer mortgage loan receivables secured by residential real estate properties for which formal foreclosure proceedings are in process.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 35 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-35

+ Details
Name:us-gaap_MortgageLoansInProcessOfForeclosureAmount Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amortized cost, after allowance for credit loss, of financing receivable. Excludes financing receivable covered under loss sharing agreement and net investment in lease.

+ References

Reference 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/1943274/2147481990/310-10-45-2Reference 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(5)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-5Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details

Name:us-gaap_NotesReceivableNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Details

Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 67 R40.htm IDEA: XBRL DOCUMENT

Investment Securities - Schedule of Investments Securities at Cost (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 AOMT RMBS Debt Securities, Available-for-sale [Line Items] Cost of mortgage-backed securities $ 88,998 $ 84,957 Whole Pool Agency RMBS Debt Securities, Available-for-sale [Line Items] Cost of mortgage-backed securities $ 194,697 $ 391,964

- Definition

Amortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant

- Definition

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.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aaa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3

+ Details

Name:us-gaap_ScheduleOfAvailableForSaleSecuritiesLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 68 R41.htm IDEA: XBRL DOCUMENT

Investment Securities - Schedule of Investments in RMBS and CMBS at Fair Value (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase $ (102,876) $ (193,656) Due to broker 194,697 391,964 Mezzanine Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase (5,292) (844) Subordinate Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase (20,175) (19,812) Interest Only/Excess Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase 0 (1,871) Retained RMBS in VIEs | VIE - Primary Beneficiary Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase (27,697) (22,116) Retained RMBS in VIEs | VIE - Primary Beneficiary | Eliminations Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase 143,500 124,100 Total AOMT RMBS Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase (53,164) (44,643) Fannie Mae Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase 0 0 Freddie Mac Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase 0 0 Total Whole Pool Agency RMBS Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase 0 0 Total RMBS Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Securities Sold Under Agreements to Repurchase (53,164) (44,643) Mezzanine Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 13,463 10,972 Allocated Capital 8,171 10,128 Subordinate Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 62,223 55,665 Allocated Capital 42,048 35,853 Interest Only/Excess Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 13,055 13,059 Allocated Capital 13,055 11,188 Retained RMBS in VIEs | VIE - Primary Beneficiary Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 0 0 Allocated Capital (27,697) (22,116) Total AOMT RMBS Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 88,741 79,696 Allocated Capital 35,577 35,053 Fannie Mae Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 158,040 278,510 Allocated Capital 158,040 278,510 Freddie Mac Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 36,324 113,852 Allocated Capital 36,324 113,852 Total Whole Pool Agency RMBS Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 194,364 392,362 Allocated Capital 194,364 392,362 Total RMBS Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Real Estate Securities at Fair Value 283,105 472,058 Securities Sold Under Agreements to Repurchase (53,164) (44,643) Allocated Capital $ 229,941 $ 427,415

- Definition

Debt Securities, Available for Sale, Net of Securities Sold under Agreements to Repurchase

+ References

No definition available.

+ Details

Name:aomr_DebtSecuritiesAvailableForSaleNetOfSecuritiesSoldUnderAgreementsToRepurchase Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103 Reference 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/1943274/2147482078/820-10-55-100 Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 Reference 6: 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 Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2 Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1 Reference 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(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount payable to correspondent broker-dealer.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 940 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481833/940-20-45-3

+ Details

Name:us-gaap_DueToCorrespondentBrokers Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

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.

+ References

No definition available.

+ Details

Name:us-gaap_FairValueBalanceSheetGroupingFinancialStatementCaptionsLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount, after the effects of master netting arrangements, of funds outstanding borrowed in the form of a security repurchase agreement between the entity and another party for the sale and repurchase of identical or substantially the same securities at a date certain for a specified price. Includes liabilities not subject to a master netting arrangement and not elected to be offset.

+ References

Reference 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(13)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.12-12A(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column A)(Footnote 4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 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(m)(1)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 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(m)(1)(ii)(A)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10

+ Details
Name:us-gaap_SecuritiesSoldUnderAgreementsToRepurchase Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant

- Details
Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMezzanineMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustSubordinateMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustInterestOnlyExcessMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:srt_ConsolidatedEntitiesAxis=us-gaap_VariableInterestEntityPrimaryBeneficiaryMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:srt_ConsolidationItemsAxis=srt_ConsolidationEliminationsMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details

Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyFannieMaeMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyFreddieMacMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyMember Namespace Prefix: Data Type: na Balance Type: Period Type:

- Details

Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis=us-gaap_ResidentialMortgageBackedSecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMezzanineMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustSubordinateMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustInterestOnlyExcessMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyFannieMaeMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyFreddieMacMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=us-gaap_ResidentialMortgageBackedSecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 69 R42.htm IDEA: XBRL DOCUMENT

Investment Securities - Schedule of U.S. Treasury Securities (Details) - U.S. Treasury securities - USD ($) $ in Thousands9 Months Ended12 Months Ended

Sep. 30, 2024

Dec. 31, 2023

Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items] Face Value$ 50,000$ 150,000Unamortized Discount, net16159Amortized Cost49,984 149,841Unrealized Gain/(Loss)(13)86CMBS, at fair value$ 49,971$ 149,927Net Effective Yield3.89%5.30%

- Definition

Debt Securities, Available-for-sale, Face Value

+ References

No definition available.

+ Details

Name:aomr_DebtSecuritiesAvailableForSaleFaceValue Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481000/320-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant

- Definition

Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3:

http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1Reference 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(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount, before tax, of unrealized gain (loss) in accumulated other comprehensive income (AOCI) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2

+ Details

Name:us-gaap_DebtSecuritiesAvailableForSaleAccumulatedGrossUnrealizedGainLossBeforeTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount of discount (premium) attributable to other factors on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), purchased with credit deterioration.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479106/326-30-50-10

+ Details

Name:us-gaap_DebtSecuritiesAvailableForSalePurchasedWithCreditDeteriorationDiscountPremium Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Weighted average yield of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Regulation S-K (SK) -Number 229 -Section 1403 -Paragraph a -Publisher SEC

+ Details

Name:us-gaap_DebtSecuritiesAvailableForSaleWeightedAverageYield Namespace Prefix:us-gaap_ Data Type:dtr-types:percentItemType Balance Type:na Period Type: instant

- Definition

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.

+ References

No definition available.

+ Details

Name:us-gaap_FairValueBalanceSheetGroupingFinancialStatementCaptionsLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Details

Name:us-gaap_FinancialInstrumentAxis=us-gaap_USTreasurySecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 70 R43.htm IDEA: XBRL DOCUMENT
Financing - Narrative (Details) - USD ($) 9 Months Ended
Jul. 25, 2024
Sep. 30, 2024
Dec. 31, 2023
Debt Instrument [Line Items] Restricted cash $ 2,679,000$ 2,871,000Accrued interest payable on debt 1,312,000820,0009.500% Unsecured Senior Notes Due 2029 | Senior Notes Debt Instrument [Line Items] Face amount of debt$ 50,000,000 Stated interest rate9.50% Proceeds from debt, net of issuance costs$ 47,500,000 Accrued interest payable on debt 900,000 Debt issuance costs, net 1,500,000 Interest expense, debt 1,000,000.0 Long-term debt 50,000,000 9.500% Unsecured Senior Notes Due 2029 | Senior Notes | Debt Instrument, Redemption, Period One Debt Instrument [Line Items] Debt instrument, redemption price, percentage 100.00% 9.500% Unsecured Senior Notes Due 2029 | Senior Notes | Debt Instrument, Redemption, Period Two Debt Instrument [Line Items] Debt instrument, redemption price, percentage101.00% Collateral Pledged Debt Instrument [Line Items] Restricted cash $ 0$ 0
- Definition

Face (par) amount of debt instrument at time of issuance.

+ References

Reference 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

- Definition

Contractual interest rate for funds borrowed, under the debt agreement.

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- Definition

Percentage price of original principal amount of debt at which debt can be redeemed by the issuer.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 470 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477734/942-470-50-3

+ Details

Name:us-gaap_DebtInstrumentRedemptionPricePercentage Namespace Prefix:us-gaap_ Data Type:dtr-types:percentItemType Balance Type:na Period Type:duration

- Definition

Amount, after accumulated amortization, of debt issuance costs. Includes, but is not limited to, legal, accounting, underwriting, printing, and registration costs.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-1AReference 2: 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 3: 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/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -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

+ Details

Name:us-gaap_DeferredFinanceCostsNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of the cost of borrowed funds accounted for as interest expense for debt.

+ References

Reference 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(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: 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 3: 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 4: 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 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-6

+ Details

Name:us-gaap_InterestExpenseDebt Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of interest payable on debt, including, but not limited to, trade payables.

+ References

Reference 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(15)(5)) -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)(15)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details

Name:us-gaap_InterestPayableCurrentAndNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation.

+ References

Reference 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

- Definition

The cash inflow from additional borrowings, net of cash paid to third parties in connection with debt origination.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14

+ Details

Name:us-gaap_ProceedsFromDebtNetOfIssuanceCosts Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1

+ Details

Name:us-gaap_RestrictedCash Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Details

Name:us-gaap_DebtInstrumentAxis=aomr_A9.500UnsecuredSeniorNotesDue2029Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_LongtermDebtTypeAxis=us-gaap_SeniorNotesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DebtInstrumentRedemptionPeriodAxis=us-gaap_DebtInstrumentRedemptionPeriodOneMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DebtInstrumentRedemptionPeriodAxis=us-gaap_DebtInstrumentRedemptionPeriodTwoMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_CollateralAxis=us-gaap_CollateralPledgedMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 71 R44.htm IDEA: XBRL DOCUMENT

Financing - Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases (Details) - USD ($) 9 Months Ended

Nov. 01, 2024

Oct. 25, 2024

Sep. 25, 2024

Mar. 28, 2024

Sep. 30, 2024

Dec. 31, 2023

Debt Instrument [Line Items] Drawn Amount $ 333,042,000$ 290,610,000Securities sold under agreements to repurchase 102,876,000193,656,000Notes Payable to Banks | Line of Credit Debt Instrument [Line Items] Drawn Amount 333,042,000290,610,000Borrowing Capacity 1,050,000,000 Available Financing 716,958,000 Notes Payable to Banks | Line of Credit | Multinational Bank 1 Debt Instrument [Line Items] Drawn Amount 292,060,000 206,183,000Renewal period 6 months Borrowing Capacity 600,000,000 Available Financing $ 307,940,000 Notes Payable to Banks | Line of Credit | Multinational Bank 1 | Minimum Debt Instrument [Line Items] Interest Rate Pricing Spread 1.75% Notes Payable to Banks | Line of Credit | Multinational Bank 1 | Maximum Debt Instrument [Line Items] Interest Rate Pricing Spread 2.10% Notes Payable to Banks | Line of Credit | Global Investment Bank 2 Debt Instrument [Line Items] Drawn Amount $ 00Securities sold under agreements to repurchase $ 250,000,000 Borrowing Capacity 250,000,000 Available Financing $ 250,000,000 Notes Payable to Banks | Line of Credit | Global Investment Bank 2 | Minimum Debt Instrument [Line Items] Interest Rate Pricing Spread 2.10%2.10% Notes Payable to Banks | Line of Credit | Global Investment Bank 2 | Minimum | Subsequent Event Debt Instrument [Line Items] Interest Rate Pricing Spread 1.75% Notes Payable to Banks | Line of Credit | Global Investment Bank 2 | Maximum Debt Instrument [Line Items] Interest Rate Pricing Spread 3.35%3.45% Notes Payable to Banks | Line of Credit | Global Investment Bank 2 | Maximum | Subsequent Event Debt Instrument [Line Items] Interest Rate Pricing Spread 3.35% Notes Payable to Banks | Line of Credit | Global Investment Bank 3 Debt Instrument [Line Items] Drawn Amount $ 40,982,000 84,427,000Borrowing Capacity 200,000,000 Available Financing $ 159,018,000 Notes Payable to Banks | Line of Credit | Global Investment Bank 3 | Subsequent Event Debt Instrument [Line Items] Basis point index spread adjustment0.20% Notes Payable to Banks | Line of Credit | Global Investment Bank 3 | Minimum Debt Instrument [Line Items] Interest Rate Pricing Spread 2.00% Notes Payable to Banks | Line of Credit | Global Investment Bank 3 | Minimum | Subsequent Event Debt Instrument [Line Items] Interest Rate Pricing Spread1.90% Notes Payable to Banks | Line of Credit | Global Investment Bank 3 | Maximum Debt Instrument [Line Items] Interest Rate Pricing Spread 4.50% Notes Payable to Banks | Line of Credit | Global Investment Bank 3 | Maximum | Subsequent Event Debt Instrument [Line Items] Interest Rate Pricing Spread4.75% Notes Payable to Banks | Line of Credit | Institutional Investors A and B Debt Instrument [Line Items] Interest Rate Pricing Spread 3.50% Drawn Amount 0Notes Payable to Banks | Line of Credit | Regional Bank 1 Debt Instrument [Line Items] Drawn Amount $ 0Notes Payable to Banks | Line of Credit | Regional Bank 1 | Minimum Debt Instrument [Line Items] Interest Rate Pricing Spread 2.50% Notes Payable to Banks | Line of Credit | Regional Bank 1 | Maximum Debt Instrument [Line Items] Interest Rate Pricing Spread

3.50%

- Definition

Debt Instrument, Basis Point Index Spread Adjustment

+ References

No definition available.

+ Details

Name:aomr_DebtInstrumentBasisPointIndexSpreadAdjustment Namespace Prefix:aomr_ Data Type:dtr-types:percentItemType Balance Type:na Period Type: duration

- Definition

Debt Instrument, Renewal Term

+ References

No definition available.

+ Details

Name:aomr_DebtInstrumentRenewalTerm Namespace Prefix:aomr_ Data Type:xbrli:durationItemType Balance Type:na Period Type:duration

- Definition

Percentage points added to the reference rate to compute the variable rate on the debt instrument.

+ References

No definition available.

+ Details

Name:us-gaap_DebtInstrumentBasisSpreadOnVariableRate1 Namespace Prefix:us-gaap_ Data Type:dtr-types:percentItemType Balance Type:na Period Type: duration

- Definition

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.

+ References

Reference 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

- Definition

The carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details

Name:us-gaap_LineOfCredit Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

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.

+ References

Reference 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

- Definition

Amount of borrowing capacity currently available under the credit facility (current borrowing capacity less the amount of borrowings outstanding).

+ References

Reference 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_LineOfCreditFacilityRemainingBorrowingCapacity Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant

- Definition

Amount, after the effects of master netting arrangements, of funds outstanding borrowed in the form of a security repurchase agreement between the entity and another party for the sale and repurchase of identical or substantially the same securities at a date certain for a specified price. Includes liabilities not subject to a master netting arrangement and not elected to be offset.

+ References

Reference 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(13)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.12-12A(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column A)(Footnote 4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 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(m)(1)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 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(m)(1)(ii)(A)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10

+ Details
Name:us-gaap_SecuritiesSoldUnderAgreementsToRepurchase Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant

- Details
Name:us-gaap_LongtermDebtTypeAxis=us-gaap_NotesPayableToBanksMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_CreditFacilityAxis=us-gaap_LineOfCreditMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_LineOfCreditFacilityAxis=aomr_MultinationalBank1Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_LineOfCreditFacilityAxis=aomr_GlobalInvestmentBank2Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_LineOfCreditFacilityAxis=aomr_GlobalInvestmentBank3Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_LineOfCreditFacilityAxis=aomr_InstitutionalInvestorsAAndBMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_LineOfCreditFacilityAxis=aomr_RegionalBank1Member Namespace Prefix: Data Type:na Balance Type: Period Type: XML 72 R45.htm IDEA: XBRL DOCUMENT
Due to Broker (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Broker-Dealer [Abstract] Due to broker $ 194,697 $ 391,964

- References

No definition available.

+ Details
Name:srt_BrokersAndDealersAbstract Namespace Prefix:srt_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount payable to correspondent broker-dealer.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 940 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481833/940-20-45-3

+ Details
Name:us-gaap_DueToCorrespondentBrokers Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant XML 73 R46.htm IDEA: XBRL DOCUMENT
Securities Sold Under Agreements to Repurchase - Narrative (Details) - USD ($) $ in Millions Sep. 30, 2024 Dec. 31, 2023 Restricted Cash Restricted Cash and Cash Equivalents Items [Line Items] Margin cash collateral $ 0.3 $ 0.3

- Definition

The amount of cash or securities placed with a broker or counterparty as security for a trading or derivatives securities position which was partially obtained with funds provided by the broker dealer.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6

+ Details

Name:us-gaap_MarginDepositAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

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.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details

Name:us-gaap_RestrictedCashAndCashEquivalentsItemsLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type: duration

- Details

Name:us-gaap_BalanceSheetLocationAxis=us-gaap_CashAndCashEquivalentsMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 74 R47.htm IDEA: XBRL DOCUMENT
Securities Sold Under Agreements to Repurchase - Schedule of Repurchase Agreements (Details) - USD ($) $ in Thousands9 Months Ended12 Months Ended Sep. 30, 2024
Dec. 31, 2023
Assets Sold under Agreements to Repurchase [Line Items] Amount Outstanding$ 102,876$ 193,656Weighted Average Interest Rate5.65%5.91%Weighted Average Remaining Maturity (Days)11 days11 daysU.S. Treasury securities Assets Sold under Agreements to Repurchase [Line Items] Amount Outstanding$ 49,712$ 149,013 Weighted Average Interest Rate4.90%5.57%Weighted Average Remaining Maturity (Days)3 days10 daysAOMT RMBS Assets Sold under Agreements to Repurchase [Line Items] Amount Outstanding$ 53,164$ 44,643Weighted Average Interest Rate6.35%7.04%Weighted Average Remaining Maturity (Days)18 days16 days

- Definition

Interest rate on the amount to be repaid to the counterparty to the repurchase agreement when the carrying amount (or market value, if higher than the carrying amount) of securities or other assets sold under the repurchase agreement exceeds 10 percent of total assets.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-7Reference 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(m)(1)(ii)(A)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1

+ Details

Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseInterestRate Namespace Prefix:us-gaap_ Data Type:dtr-types:percentItemType Balance Type:na Period Type:instant

- Definition

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.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-7Reference 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(m)(1)(ii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1

+ Details

Name:us-gaap_AssetsSoldUnderAgreementsToRepurchaseLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type: duration

- Definition

Weighted average maturity (weighted by amount of the agreement) of repurchase agreements with the counterparty, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481420/860-30-50-9Reference 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(m)(1)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1

+ Details

Name:us-gaap_RepurchaseAgreementCounterpartyWeightedAverageMaturityOfAgreements1 Namespace Prefix:us-gaap_ Data Type:xbrli:durationItemType Balance Type:na Period Type:duration

- Definition

Amount, after the effects of master netting arrangements, of funds outstanding borrowed in the form of a security repurchase agreement between the entity and another party for the sale and repurchase of identical or substantially the same securities at a date certain for a specified price. Includes liabilities not subject to a master netting arrangement and not elected to be offset.

+ References

Reference 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(13)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.12-12A(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column A)(Footnote 2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-12B(Column A)(Footnote 4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 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(m)(1)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 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(m)(1)(ii)(A)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10

+ Details

Name:us-gaap_SecuritiesSoldUnderAgreementsToRepurchase Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant

- Details

Name:us-gaap_FinancialInstrumentAxis=us-gaap_USTreasurySecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_FinancialInstrumentAxis=us-gaap_ResidentialMortgageBackedSecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 75 R48.htm IDEA: XBRL DOCUMENT

Derivative Financial Instruments - Narrative (Details) - USD ($) Sep. 30, 2024 Dec. 31, 2023 Derivative [Line Items] Restricted cash $ 2,679,000 $ 2,871,000 Interest rate futures Derivative [Line Items] Restricted cash 2,300,000 2,500,000 TBAs Derivative [Line Items] Restricted cash $ 0 $ 0

- Definition

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.

+ References

Reference 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

- Definition

Amount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8 Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1

+ Details

Name:us-gaap_RestrictedCash Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Details

Name:us-gaap_DerivativeInstrumentRiskAxis=aomr_InterestRateFutureMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DerivativeInstrumentRiskAxis=aomr_ToBeAnnouncedTBAsMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 76 R49.htm

IDEA: XBRL DOCUMENT

Derivative Financial Instruments - Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts (Details) $ in Thousands	Sep. 30, 2024	Dec. 31, 2023
	USD ($) contract	USD ($) contract
Derivative [Line Items] Assets$ 1,651$ 0Derivatives Not Designated as Hedging Instruments | Interest rate futures Derivative [Line Items] Number of Contracts | contract2,4041,489Assets$ 1,392$ 0Liabilities0840Derivatives Not Designated as Hedging Instruments | TBAs Derivative [Line Items] Assets2590Liabilities0494		
Derivatives Not Designated as Hedging Instruments | Long Exposure | Interest rate futures Derivative [Line Items] Notional Amounts00Derivatives Not Designated as Hedging Instruments | Long Exposure | TBAs Derivative [Line Items] Notional Amounts00Derivatives Not Designated as Hedging Instruments | Short Exposure | Interest rate futures Derivative [Line Items] Notional Amounts240,400148,900Derivatives Not Designated as Hedging Instruments | Short Exposure | TBAs Derivative [Line Items] Notional Amounts$ 203,400$ 386,700		

- Definition

Fair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes assets not subject to a master netting arrangement and not elected to be offset.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-12Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/214747439/946-210-55-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(3)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column A)(Footnote 3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 30: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10

+ Details

Name:us-gaap_DerivativeAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Fair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 16: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 28: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10

+ Details

Name:us-gaap_DerivativeLiabilities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

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.

+ References

Reference 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

- Definition

Nominal or face amount used to calculate payment on derivative.

+ References

Reference 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

- Definition

The number of derivative instruments of a particular group held by the entity.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477439/946-210-55-1Reference 3: 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 4: 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 C)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5Reference 5: 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 B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5AReference 6: 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 7: 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_DerivativeNumberOfInstrumentsHeld Namespace Prefix:us-gaap_ Data Type:xbrli:integerItemType Balance Type:na Period Type:instant

- Details

Name:us-gaap_HedgingDesignationAxis=us-gaap_NondesignatedMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DerivativeInstrumentRiskAxis=aomr_InterestRateFutureMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DerivativeInstrumentRiskAxis=aomr_ToBeAnnouncedTBAsMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_PositionAxis=us-gaap_LongMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_PositionAxis=us-gaap_ShortMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 77 R50.htm IDEA: XBRL DOCUMENT

Derivative Financial Instruments - Schedule of Derivatives Not Designated as Hedging Instruments - USD ($) $ in Thousands	*3 Months Ended*	*9 Months Ended*
Sep. 30, 2024		
Sep. 30, 2023		
Sep. 30, 2024		
Sep. 30, 2023		

Interest rate futures Derivative [Line Items] Net Realized Gains (Losses) on Derivative Instruments$ (4,461)$ 2,828$ (622)$ 8,599Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments1,184(364)2,232(2,416)TBAs Derivative [Line Items] Net Realized Gains (Losses) on Derivative Instruments3,1157,4215,2384,900Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments$ (1,235)$ 4,927$ 753$ (5,379)

- Definition

Change in Unrealized Appreciation (Depreciation) on Derivative Instruments, Net

+ References

No definition available.

+ Details

Name:aomr_ChangeInUnrealizedAppreciationDepreciationOnDerivativeInstrumentsNet Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type: credit Period Type:duration

- Definition

Amount of realized and unrealized gain (loss) of derivative instruments not designated or qualifying as hedging instruments.

+ References

Reference 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

- Definition

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.

+ References

Reference 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

- Details

Name:us-gaap_HedgingDesignationAxis=us-gaap_NondesignatedMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DerivativeInstrumentRiskAxis=aomr_InterestRateFutureMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_DerivativeInstrumentRiskAxis=aomr_ToBeAnnouncedTBAsMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 78 R51.htm IDEA: XBRL DOCUMENT

Fair Value Measurements - Schedule of Financial Assets and Liabilities Measured at Fair Value (Details) - USD ($) $ in Thousands Sep. 30, 2024Dec. 31, 2023Assets, at fair value Other Assets, at fair value$ 11,178$ 32,923Total assets, at fair value2,227,7212,256,015Liabilities, at fair value Non-recourse securitization obligation, collateralized by residential mortgage loans1,289,236743,189Total liabilities, at fair value1,289,236741,855AOMT RMBS Assets, at fair value Investments in securities88,74179,696Whole Pool Agency RMBS Assets, at fair value Investments in securities194,364392,362U.S. Treasury securities Assets, at fair value Investments in securities49,971149,927Unrealized appreciation on futures contracts Assets, at fair value Unrealized appreciation1,392 Liabilities, at fair value Unrealized depreciation (840)Unrealized appreciation on TBAs Assets, at fair value Unrealized appreciation259 Liabilities, at fair value Unrealized depreciation (494)Residential mortgage loans Assets, at fair value Assets, at fair value428,909380,040Residential mortgage loans in securitization trusts Assets, at fair value Assets, at fair value1,452,9071,221,067Level 1 Assets, at fair value Other Assets, at fair value00Total assets, at fair value51,622149,927Liabilities, at fair value Non-recourse securitization obligation, collateralized by residential mortgage loans00Total liabilities, at fair value0(1,334)Level 1 | AOMT RMBS Assets, at fair value Investments in securities00Level 1 | Whole Pool Agency RMBS Assets, at fair value Investments in securities00Level 1 | U.S. Treasury securities Assets, at fair value Investments in securities49,971149,927Level 1 | Unrealized appreciation on futures contracts Assets, at fair value Unrealized appreciation1,392 Liabilities, at fair value Unrealized depreciation (840)Level 1 | Unrealized appreciation on TBAs Assets, at fair value Unrealized appreciation259 Liabilities, at fair value Unrealized depreciation (494)Level 1 | Residential mortgage loans Assets, at fair value Assets, at fair value00Level 1 | Residential mortgage loans in securitization trusts Assets, at fair value Assets, at fair value00Level 2 Assets, at fair value Other Assets, at fair value11,17832,923Total assets, at fair value2,146,4162,086,789 Liabilities, at fair value Non-recourse securitization obligation, collateralized by residential mortgage loans1,289,236743,189Total liabilities, at fair value1,289,236 743,189Level 2 | AOMT RMBS Assets, at fair value Investments in securities88,74179,696Level 2 | Whole Pool Agency RMBS Assets, at fair value Investments in securities194,364392,362Level 2 | U.S. Treasury securities Assets, at fair value Investments in securities00Level 2 | Unrealized appreciation on futures contracts Assets, at fair value Unrealized appreciation0 Liabilities, at fair value Unrealized depreciation 0Level 2 | Unrealized appreciation on TBAs Assets, at fair value Unrealized appreciation0 Liabilities, at fair value Unrealized depreciation 0Level 2 | Residential mortgage loans Assets, at fair value Assets, at fair value426,501 374,004Level 2 | Residential mortgage loans in securitization trusts Assets, at fair value Assets, at fair value1,425,6321,207,804Level 3 Assets, at fair value Other Assets, at fair value00Total assets, at fair value29,68319,299Liabilities, at fair value Non-recourse securitization obligation, collateralized by residential mortgage loans00Total liabilities, at fair value00Level 3 | AOMT RMBS Assets, at fair value Investments in securities00Level 3 | Whole Pool Agency RMBS Assets, at fair value Investments in securities00Level 3 | U.S. Treasury securities Assets, at fair value Investments in securities00Level 3 | Unrealized appreciation on futures contracts Assets, at fair value Unrealized appreciation0 Liabilities, at fair value Unrealized depreciation 0Level 3 | Unrealized appreciation on TBAs Assets, at fair value Unrealized appreciation0 Liabilities, at fair value Unrealized depreciation 0Level 3 | Residential mortgage loans Assets, at fair value Assets, at fair value 2,4086,036Level 3 | Residential mortgage loans in securitization trusts Assets, at fair value Assets, at fair value$ 27,275$ 13,263

- Definition

Non-Recourse Securitization Obligation, Fair Value Disclosure

+ References

No definition available.

+ Details

Name:aomr_NonRecourseSecuritizationObligationFairValueDisclosure Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:

instant

- Definition

Non-Recourse Securitization Obligation, Unrecognized Unrealized Appreciation

+ References

No definition available.

+ Details
Name:aomr_NonRecourseSecuritizationObligationUnrecognizedUnrealizedAppreciation Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type: debit Period Type:instant

- Definition

Non-Recourse Securitization Obligation, Unrecognized Unrealized Depreciation

+ References

No definition available.

+ Details
Name:aomr_NonRecourseSecuritizationObligationUnrecognizedUnrealizedDepreciation Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type: debit Period Type:instant

- Definition

Fair value portion of asset recognized for present right to economic benefit.

+ References

Reference 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

- References

No definition available.

+ Details
Name:us-gaap_AssetsFairValueDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1Reference 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(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Fair value of financial and nonfinancial obligations.

+ References

Reference 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

- References

No definition available.

+ Details
Name:us-gaap_LiabilitiesFairValueDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Fair value portion of loan receivable, including, but not limited to, mortgage loans held for investment, finance receivables held for investment, policy loans on insurance contracts.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -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_LoansReceivableFairValueDisclosure Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Fair value portion of other assets.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2

+ Details
Name:us-gaap_OtherAssetsFairValueDisclosure Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Details
Name:us-gaap_FinancialInstrumentAxis=aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FinancialInstrumentAxis=aomr_AgencyWholePoolLoanSecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FinancialInstrumentAxis=us-gaap_USTreasurySecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FinancialInstrumentAxis=us-gaap_FutureMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FinancialInstrumentAxis=aomr_ToBeAnnouncedTBAsMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel2Member Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type:na Balance Type: Period Type: XML 79 R52.htm IDEA: XBRL DOCUMENT

Fair Value Measurements - Schedule of Significant Level 3 Inputs (Details) $ in Thousands

	Sep. 30, 2024	Dec. 31, 2023
	USD ($)	USD ($)
Residential mortgage loans - at fair value - Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] - Fair Value	$ 428,909	$ 380,040
Level 3 | Residential mortgage loans - at fair value - Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] - Fair Value	$ 2,408	$ 6,036
Level 3 | Residential mortgage loans - at fair value | Minimum | Prepayment rate (annual CPR) - Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] - Loans held-for-sale, measurement input	0.0528	0.0686
Level 3 | Residential mortgage loans - at fair value | Minimum | Default rate - Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] - Loans held-for-sale, measurement input	0.0762	0.1269
Level 3 | Residential mortgage loans - at fair value | Minimum | Loss severity - Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] - Loans held-for-sale, measurement input	0	0.2500
Level 3 | Residential mortgage loans - at fair value | Minimum | Expected remaining life - Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] - Expected remaining life	8 months 1 day	8 months 1 day
Level 3 | Residential mortgage loans - at fair value | Maximum | Prepayment rate (annual CPR) - Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] - Loans held-for-sale, measurement input	0.1936	0.1993
Level 3 | Residential mortgage loans - at fair value | Maximum | Default rate - Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] - Loans held-for-sale, measurement input	0.3541	0.1364
Level 3 | Residential mortgage loans - at fair value | Maximum | Loss severity - Fair Value, Assets and Liabilities		

Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.17080.4013Level 3 | Residential mortgage loans - at fair value | Maximum | Expected remaining life Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Expected remaining life 4 years 3 months 10 days4 years 1 month 2 daysLevel 3 | Residential mortgage loans - at fair value | Average | Prepayment rate (annual CPR) Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.12270.1340Level 3 | Residential mortgage loans - at fair value | Average | Default rate Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.19020.1316Level 3 | Residential mortgage loans - at fair value | Average | Loss severity Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.09460.0412Level 3 | Residential mortgage loans - at fair value | Average | Expected remaining life Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Expected remaining life2 years 5 months 8 days 2 years 2 months 19 daysLevel 3 | Residential mortgage loans in securitization trusts - at fair value Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Fair Value$ 27,275$ 13,263Level 3 | Residential mortgage loans in securitization trusts - at fair value | Minimum | Prepayment rate (annual CPR) Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.04010.0597 Level 3 | Residential mortgage loans in securitization trusts - at fair value | Minimum | Default rate Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.06980.0438Level 3 | Residential mortgage loans in securitization trusts - at fair value | Minimum | Loss severity Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input (0.2222)(0.1399)Level 3 | Residential mortgage loans in securitization trusts - at fair value | Minimum | Expected remaining life Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Expected remaining life1 year 3 months 29 days8 months 1 dayLevel 3 | Residential mortgage loans in securitization trusts - at fair value | Maximum | Prepayment rate (annual CPR) Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.15670.2071Level 3 | Residential mortgage loans in securitization trusts - at fair value | Maximum | Default rate Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.28330.2866Level 3 | Residential mortgage loans in securitization trusts - at fair value | Maximum | Loss severity Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.60810.1960Level 3 | Residential mortgage loans in securitization trusts - at fair value | Maximum | Expected remaining life Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Expected remaining life 5 years 10 months 9 days5 years 8 months 1 dayLevel 3 | Residential mortgage loans in securitization trusts - at fair value | Average | Prepayment rate (annual CPR) Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.10630.1232Level 3 | Residential mortgage loans in securitization trusts - at fair value | Average | Default rate Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.17420.1692Level 3 | Residential mortgage loans in securitization trusts - at fair value | Average | Loss severity Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Loans held-for-sale, measurement input0.01370.0414Level 3 | Residential mortgage loans in securitization trusts - at fair value | Average | Expected remaining life Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Expected remaining life2 years 7 months 28 days2 years 8 months 19 days

- Definition

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.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3

+ Details

Name:us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Value of input used to measure loan, held for sale.

+ References

Reference 1: 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/1943274/2147482106/820-10-50-2Reference 2: 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/1943274/2147482106/820-10-50-2Reference 3: 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

+ Details
Name:us-gaap_LoansHeldForSaleMeasurementInput Namespace Prefix:us-gaap_ Data Type:xbrli:decimalItemType Balance Type:na Period Type:instant

- Definition

Period between issuance and maturity of loan held for sale, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2

+ Details
Name:us-gaap_LoansHeldForSaleTerm Namespace Prefix:us-gaap_ Data Type:xbrli:durationItemType Balance Type:na Period Type:instant

- Definition

Fair value portion of loan receivable, including, but not limited to, mortgage loans held for investment, finance receivables held for investment, policy loans on insurance contracts.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -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_LoansReceivableFairValueDisclosure Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputPrepaymentRateMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputDefaultRateMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputLossSeverityMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputExpectedTermMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:srt_RangeAxis=srt_WeightedAverageMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialSecuritizationTrustMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 80 R53.htm IDEA: XBRL DOCUMENT
Fair Value Measurements - Narrative (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Amortized cost of non-recourse securitization obligations $ 1,380,000 $ 1,240,000 Fair value of non-recourse securitization obligations 1,290,000 1,090,000 Difference between amortized cost and fair value of non-recourse securitization obligations 87,000 156,400 Amortized cost and fair value of these investments 18,720 16,232 Amortized Cost Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Amortized cost and fair value of these investments 18,700 16,200 Fair Value Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Amortized cost and fair value of these investments 17,000 16,700 Residential mortgage loans in securitization trusts - at fair value Fair Value, Assets and Liabilities

Measured on Recurring and Nonrecurring Basis [Line Items] Difference between amortized cost and fair value of non-recourse securitization obligations$ 64,500 $ 81,900

- Definition

Non-Recourse Debt, Amortized Cost

+ References

No definition available.

+ Details

Name:aomr_NonRecourseDebtAmortizedCost Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

Non-Recourse Debt, Difference Between Amortized Cost And Fair Value

+ References

No definition available.

+ Details

Name:aomr_NonRecourseDebtDifferenceBetweenAmortizedCostAndFairValue Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Non-Recourse Debt, Fair Value Disclosure

+ References

No definition available.

+ Details

Name:aomr_NonRecourseDebtFairValueDisclosure Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

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.

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3

+ Details

Name:us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of investment in equity method investee and investment in and advance to affiliate.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Details
Name:us-gaap_FairValueByMeasurementBasisAxis=us-gaap_CarryingReportedAmountFairValueDisclosureMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_FairValueByMeasurementBasisAxis=us-gaap_EstimateOfFairValueFairValueDisclosureMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialSecuritizationTrustMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 81 R54.htm IDEA: XBRL DOCUMENT
Related Party Transactions - Schedule of Related Party Transactions (Details) - Affiliates - Residential mortgage loans - at fair value - Loans Purchased from Affiliates $ in Thousands | 9 Months Ended | 12 Months Ended
Sep. 30, 2024
USD ($)
loan
Dec. 31, 2023
USD ($)
loan
Related Party Transaction [Line Items] Amount of Loans Purchased from Affiliates during the Year-to-Date/Year Ended (in thousands) | $ $ 182,200 $ 199,793 Number of Loans Purchased from Affiliates during the Year-to-Date/Year Ended 405475 Number of Loans Purchased from Affiliates, Owned and Held as of Year-to-Date/Year Ended 380589
- Definition

Number of Loans Purchased from Related Parties during Period

+ References

No definition available.

+ Details
Name:aomr_NumberOfLoansPurchasedFromRelatedPartiesDuringPeriod Namespace Prefix:aomr_ Data Type:xbrli:integerItemType Balance Type:na Period Type: duration

- Definition

Number of Loans Purchased from Related Parties Owned And Held

+ References

No definition available.

+ Details
Name:aomr_NumberOfLoansPurchasedFromRelatedPartiesOwnedAndHeld Namespace Prefix:aomr_ Data Type:xbrli:integerItemType Balance Type:na Period Type: instant

- Definition

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.

+ References

Reference 1: 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/1943274/2147481990/310-10-45-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1

+ Details
Name:us-gaap_RelatedPartyTransactionLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Purchases during the period (excluding transactions that are eliminated in consolidated or combined financial statements) with related party.

+ References

No definition available.

+ Details
Name:us-gaap_RelatedPartyTransactionPurchasesFromRelatedParty Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: duration

- Details

Name:us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=srt_AffiliatedEntityMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialMember Namespace Prefix: Data Type:na Balance Type: Period Type:
- Details
Name:us-gaap_RelatedPartyTransactionAxis=aomr_LoansPurchasedFromAffiliatesMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 82 R55.htm IDEA: XBRL DOCUMENT
Related Party Transactions - Narrative (Details) - Management Agreement - Affiliates Jun. 21, 2021
USD ($)
qtr
Related Party Transaction [Line Items] Fixed management fee per annum (as a percent) 1.50% Minimum incentive fee | $$ 0 Incentive fee (as a percent) 15.00% Period for determining incentive fee by distributed earnings 12 months Period for determining incentive fee by equity 12 months Incentive fee per annum (as a percent) 8.00% Incentive fee, number of quarters | qtr 3 Period for determining incentive fee 12 months
- Definition

Related Party, Annual Fixed Management Fee

+ References

No definition available.

+ Details
Name:aomr_RelatedPartyAnnualFixedManagementFee Namespace Prefix:aomr_ Data Type:dtr-types1:percentItemType Balance Type:na Period Type:instant

- Definition

Related Party, Incentive Fee, Distributed Earnings, Period

+ References

No definition available.

+ Details
Name:aomr_RelatedPartyIncentiveFeeDistributedEarningsPeriod Namespace Prefix:aomr_ Data Type:xbrli:durationItemType Balance Type:na Period Type:duration

- Definition

Related Party, Incentive Fee, Equity, Period

+ References

No definition available.

+ Details
Name:aomr_RelatedPartyIncentiveFeeEquityPeriod Namespace Prefix:aomr_ Data Type:xbrli:durationItemType Balance Type:na Period Type:duration

- Definition

Related Party, Incentive Fee, Number Of Quarters

+ References

No definition available.

+ Details
Name:aomr_RelatedPartyIncentiveFeeNumberOfQuarters Namespace Prefix:aomr_ Data Type:xbrli:integerItemType Balance Type:na Period Type:instant

- Definition

Related Party, Incentive Fee Per Annum, Percent

+ References

No definition available.

+ Details
Name:aomr_RelatedPartyIncentiveFeePerAnnumPercent Namespace Prefix:aomr_ Data Type:dtr-types1:percentItemType Balance Type:na Period Type:instant

- Definition

Related Party, Incentive Fee, Percent

+ References

No definition available.

+ Details
Name:aomr_RelatedPartyIncentiveFeePercent Namespace Prefix:aomr_ Data Type:dtr-types1:percentItemType Balance Type:na Period Type:instant

- Definition

Related Party, Incentive Fee, Period

+ References

No definition available.

+ Details
Name:aomr_RelatedPartyIncentiveFeePeriod Namespace Prefix:aomr_ Data Type:xbrli:durationItemType Balance Type:na Period Type:duration

- Definition

Related Party, Minimum Incentive Fee

+ References

No definition available.

+ Details
Name:aomr_RelatedPartyMinimumIncentiveFee Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant

- Definition

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.

+ References

Reference 1: 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/1943274/2147481990/310-10-45-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1

+ Details
Name:us-gaap_RelatedPartyTransactionLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Details
Name:us-gaap_RelatedPartyTransactionAxis=aomr_ManagementAgreementMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=srt_AffiliatedEntityMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 83 R56.htm IDEA: XBRL DOCUMENT
Commitment and Contingencies (Details) $ in Millions Sep. 30, 2024
USD ($)
Commitments and Contingencies Disclosure [Abstract] Total purchase commitment $ 93.3

- References

No definition available.

+ Details
Name:us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

Reference 1: 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/1943274/2147482648/440-10-50-4Reference 2: 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

+ Details
Name:us-gaap_UnrecordedUnconditionalPurchaseObligationBalanceSheetAmount Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant XML 84 R57.htm IDEA: XBRL DOCUMENT
Accumulated Other Comprehensive Income/(Loss) (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended
Sep. 30, 2024
Sep. 30, 2023
Sep. 30, 2024
Sep. 30, 2023
AOCI Attributable to Parent, Net of Tax [Roll Forward] Balance at beginning of period $ 255,806 $ 232,676 $ 256,106 $ 236,479 Balance at end of period 265,098 231,802 265,098 231,802 Net unrealized gain/(loss) on AFS securities AOCI Attributable to Parent, Net of Tax [Roll Forward] Balance at beginning of period (3,147) (6,565) (4,975) (21,127) Net unrealized gain/(loss) on AFS securities 2,706 (1,607) 4,534 12,955 Balance at end of period $ (441) $ (8,172) $ (441) $ (8,172)

- Definition

A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period.

+ References

No definition available.

+ Details
Name:us-gaap_AOCIAttributableToParentNetOfTaxRollForward Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount after tax of other comprehensive income (loss) attributable to parent entity.

+ References

Reference 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

- Definition

Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest.

+ References

Reference 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

- Details

Name:us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedNetUnrealizedInvestmentGainLossMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 85 R58.htm IDEA: XBRL DOCUMENT

Other Assets - Schedule of Other Assets (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Accounts, Notes, Loans and Financing Receivable [Line Items] Investments in Majority-Owned Affiliates $ 18,720 $ 16,232 Deferred tax asset 3,457 3,457 Prepaid expenses 1,570 1,137 Protective advances and other assets 1,037 285 Total other assets 35,962 32,922 CMBS, at fair value Accounts, Notes, Loans and Financing Receivable [Line Items] CMBS, at fair value 5,936 6,592 Commercial Mortgage Loans, at fair value Accounts, Notes, Loans and Financing Receivable [Line Items] Commercial Mortgage Loans, at fair value $ 5,242 $ 5,219

- Definition

Protective Advances And Other

+ References

No definition available.

+ Details

Name:aomr_ProtectiveAdvancesAndOther Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

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.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Section 40 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481628/310-20-40-7 Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2

+ Details

Name:us-gaap_AccountsNotesAndLoansReceivableLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103 Reference 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/1943274/2147482078/820-10-55-100 Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 Reference 6: 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 Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2 Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1 Reference 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(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, without jurisdictional netting.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-2

+ Details

Name:us-gaap_DeferredTaxAssetsLiabilitiesNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Amount of investment in equity method investee and investment in and advance to affiliate.

+ References

Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit

~~*Period Type:instant*~~

~~*- Definition*~~

~~*Amortized cost, after allowance for credit loss, of financing receivable. Excludes financing receivable covered under loss sharing agreement and net investment in lease.*~~

~~*+ References*~~

~~*Reference 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/1943274/2147481990/310-10-45-2Reference 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(5)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-5Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1*~~

~~*+ Details*~~

~~*Name:us-gaap_NotesReceivableNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant*~~

~~*- Definition*~~

~~*Amount of assets classified as other.*~~

~~*+ References*~~

~~*Reference 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://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: 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 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)(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 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(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1*~~

+ Details

Name:us-gaap_OtherAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Carrying amount as of the balance sheet date of expenditures made in advance of when the economic benefit of the cost will be realized, and which will be expensed in future periods with the passage of time or when a triggering event occurs.

+ References

Reference 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(10)) -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)(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(7)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 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(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1

+ Details

Name:us-gaap_PrepaidExpenseCurrentAndNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Details

Name:us-gaap_FinancialInstrumentAxis=us-gaap_CommercialMortgageBackedSecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableCommercialMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 86 R59.htm IDEA: XBRL DOCUMENT

Other Assets - Narrative (Details) - USD ($) $ in Thousands	Sep. 30, 2024	Jun. 30, 2024	Mar. 31, 2024	Dec. 31, 2023
CMBS, at fair value - Noncontrolling Interest [Line Items] - Cost of mortgage-backed securities	$ 6,100	$ 6,300	
CMBS, at fair value	5,936	6,592	
Commercial Mortgage Loans, at fair value - Noncontrolling Interest [Line Items] - Cost and unpaid principal balance	5,600	5,600	
Mortgage loans	$ 5,242	$ 5,219	
Weighted average interest rate	6.24%		
Weighted average remaining contractual maturity (years)	11 years		
AOMT 2023-1	MOA - Noncontrolling Interest [Line Items] - Investment percentage	41.21%	41.21%	41.21%	41.21%
AOMT 2023-5	MOA - Noncontrolling Interest [Line Items] - Investment percentage	34.42%	34.42%	34.42%	34.42%
AOMT 2023-7	MOA - Noncontrolling Interest [Line Items] - Investment percentage	10.35%	10.35%	10.35%	10.35%
AOMT 2024-3	MOA - Noncontrolling Interest [Line Items] - Investment percentage	10.98%	10.98%	10.98%	10.98%
AOMT 2024-6	MOA - Noncontrolling Interest [Line Items] - Investment percentage	4.51%	4.51%	4.51%	4.51%

- Definition

Financing Receivable, Amortized Cost, After Allowance for Credit Loss

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivableAmortizedCostAfterAllowanceForCreditLoss Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Financing Receivable, Weighted Average Contractual Maturity

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivableWeightedAverageContractualMaturity Namespace Prefix:aomr_ Data Type:xbrli:durationItemType Balance Type:na Period Type:instant

- Definition

Financing Receivable, Weighted Average Interest Rate

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivableWeightedAverageInterestRate Namespace Prefix:aomr_ Data Type:dtr-types1:percentItemType Balance Type:na Period Type:instant

- Definition

Amortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant

- Definition

Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).

+ References

Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1Reference 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(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1

+ Details

Name:us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

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.

+ References

No definition available.

+ Details

Name:us-gaap_MinorityInterestLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The parent entity's interest in net assets of the subsidiary, expressed as a percentage.

+ References

No definition available.

+ Details

Name:us-gaap_MinorityInterestOwnershipPercentageByParent Namespace Prefix:us-gaap_ Data Type:dtr-types:percentItemType Balance Type:na Period Type: instant

- Definition

Amortized cost, after allowance for credit loss, of financing receivable. Excludes financing receivable covered under loss sharing agreement and net investment in lease.

+ References

Reference 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/1943274/2147481990/310-10-45-2Reference 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(5)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-5Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1

+ Details
Name:us-gaap_NotesReceivableNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Details
Name:us-gaap_FinancialInstrumentAxis=us-gaap_CommercialMortgageBackedSecuritiesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableCommercialMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:srt_OwnershipAxis=aomr_AOMT20231Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_InvestmentIssuerAffiliationAxis=us-gaap_InvestmentAffiliatedIssuerControlledMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:srt_OwnershipAxis=aomr_AOMT20235Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:srt_OwnershipAxis=aomr_AOMT20237Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:srt_OwnershipAxis=aomr_AOMT20243Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:srt_OwnershipAxis=aomr_AOMT20246Member Namespace Prefix: Data Type:na Balance Type: Period Type: XML 87 R60.htm IDEA: XBRL DOCUMENT
Equity (Details) - USD ($) $ in Thousands3 Months Ended9 Months Ended
Jul. 25, 2024
Sep. 30, 2024
Sep. 30, 2024
Sep. 30, 2023
Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Proceeds from issuances of common stock, net of expenses $ 2,252$ 0Xylem Finance LLC Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Repurchase of common stock, number of shares (shares) 1,707,922 Repurchase of common stock, value$ 20,000 ATM Program Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Common stock, capital shares reserved for future issuance (in shares) 6,973,9596,973,959 Stock issued in sale (shares) 188,456188,456 Proceeds from issuances of common stock, net of expenses $ 2,300$ 2,300 Payments of stock issuance costs $ 45$ 45

- Definition

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.

+ References

No definition available.

+ Details
Name:us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Aggregate number of common shares reserved for future issuance.

+ References

Reference 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_CommonStockCapitalSharesReservedForFutureIssuance Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant

- Definition

The cash outflow for cost incurred directly with the issuance of an equity security.

+ References

Reference 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_PaymentsOfStockIssuanceCosts Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The cash inflow from the additional capital contribution to the entity.

+ References

Reference 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/1943274/2147482740/230-10-45-14

+ Details
Name:us-gaap_ProceedsFromIssuanceOfCommonStock Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

The number of shares issued or sold by the subsidiary or equity method investee per stock transaction.

+ References

No definition available.

+ Details
Name:us-gaap_SaleOfStockNumberOfSharesIssuedInTransaction Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:duration

- Definition

Number of shares that have been repurchased during the period and are being held in treasury.

+ References

Reference 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

- Definition

Equity impact of the cost of common and preferred stock that were repurchased during the period. Recorded using the cost method.

+ References

Reference 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

- Details
Name:srt_CounterpartyNameAxis=aomr_XylemFinanceLLCMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details
Name:us-gaap_SubsidiarySaleOfStockAxis=aomr_ATMProgramMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 88 R61.htm IDEA: XBRL DOCUMENT
Earnings per Share ("EPS") - Narrative (Details) - USD ($) $ in Millions3 Months Ended9 Months Ended
Sep. 30, 2024
Sep. 30, 2023
Sep. 30, 2024
Sep. 30, 2023
Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Net effect of dilutive equity awards (shares)322,208188,747333,360227,265 Performance Shares Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Cumulative share-based compensation expense$ 0.7 $ 0.7 Restricted Stock Awards Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Net effect of dilutive equity awards (shares)

120,000 120,000 Antidilutive securities excluded from computation of earnings per share (shares) 186,645 186,645 Performance Shares Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Net effect of dilutive equity awards (shares) 200,000 200,000 Antidilutive securities excluded from computation of earnings per share (shares) 95,832 95,832

- Definition

Share-Based Payment Arrangement, Cumulative Expense

+ References

No definition available.

+ Details

Name:aomr_ShareBasedPaymentArrangementCumulativeExpense Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant

- Definition

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.

+ References

Reference 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

- Definition

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.

+ References

No definition available.

+ Details

Name:us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

The sum of dilutive potential common shares or units used in the calculation of the diluted per-share or per-unit computation.

+ References

Reference 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_WeightedAverageNumberDilutedSharesOutstandingAdjustment Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:duration

- Details

Name:us-gaap_AwardTypeAxis=us-gaap_PerformanceSharesMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_RestrictedStockMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_PerformanceSharesMember Namespace Prefix: Data Type:na Balance Type: Period Type: XML 89 R62.htm IDEA: XBRL DOCUMENT
Equity and Earnings per Share ("EPS") - Calculation of Earnings per Share (Details) - USD ($) $ / shares in Units, $ in Thousands 3 Months Ended 9 Months Ended
Sep. 30, 2024
Sep. 30, 2023
Sep. 30, 2024
Sep. 30, 2023
Basic Earnings (Loss) per Common Share: Net income (loss) to common stockholders $ 31,204 $ 8,273 $ 43,806 $ 5,115 Dividends allocated to participating securities (38) (60) (115) (123) Net income (loss) to common stockholders - basic $ 31,166 $ 8,213 $ 43,691 $ 4,992 Basic weighted average common shares outstanding (shares) 23,757,039 24,768,921 24,445,105 24,706,568 Basic earnings (loss) per common share (USD per share) $ 1.31 $ 0.33 $ 1.79 $ 0.20 Diluted Earnings (Loss) per Common Share: Net income (loss) to common stockholders - basic $ 31,204 $ 8,273 $ 43,806 $ 5,115 Dividends allocated to participating securities (38) (60) (115) (123) Net income (loss) to common stockholders - diluted $ 31,166 $ 8,213 $ 43,691 $ 4,992 Basic weighted average common shares outstanding (shares) 23,757,039 24,768,921 24,445,105 24,706,568 Net effect of dilutive equity awards (shares) 322,208 188,747 333,360 227,265 Diluted weighted average common shares outstanding (shares) 24,079,247 24,957,668 24,778,465 24,933,833 Diluted earnings (loss) per common share (USD per share) $ 1.29 $ 0.33 $ 1.76 $ 0.20

- Definition

The amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period.

+ References

Reference 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/1943274/2147483443/250-10-50-6 Reference 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/1943274/2147482635/260-10-55-52 Reference 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/1943274/2147476176/805-60-65-1 Reference 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/1943274/2147478666/740-323-65-2 Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3 Reference 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/1943274/2147482635/260-10-55-15 Reference 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/1943274/2147480175/815-40-65-1 Reference 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/1943274/2147480175/815-40-65-1 Reference 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/1943274/2147483443/250-10-50-11 Reference 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

- References

No definition available.

+ Details

Name:us-gaap_EarningsPerShareBasicAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

Reference 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

- References

No definition available.

+ Details

Name:us-gaap_EarningsPerShareDilutedAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Definition

Amount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, of income (loss) available to common shareholders.

+ References

Reference 1: 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 2: 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 3: 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 4: 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 5: 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 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5Reference 7: 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 8: 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 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B

+ Details

Name:us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period

Type:duration

- Definition

The earnings that is allocated to common stock and participating securities to the extent that each security may share in earnings as if all of the earnings for the period had been distributed.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 66 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-66Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B

+ Details

Name:us-gaap_UndistributedEarnings Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

The earnings that is allocated to common stock and participating securities to the extent that each security may share in earnings as if all of the earnings for the period had been distributed. Includes the adjustments resulting from the assumption that dilutive securities were converted, options or warrants were exercised, or that other shares were issued upon the satisfaction of certain conditions.

+ References

No definition available.

+ Details

Name:us-gaap_UndistributedEarningsDiluted Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration

- Definition

Amount of undistributed earnings (loss) allocated to participating securities for the basic earnings (loss) per share or per unit calculation under the two-class method.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 65 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-65Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 66 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-66Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B

+ Details

Name:us-gaap_UndistributedEarningsLossAllocatedToParticipatingSecuritiesBasic Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration

- Definition

Amount of undistributed earnings (loss) allocated to participating securities for the diluted earnings (loss) per share or per unit calculation under the two-class method.

+ References

Reference 1: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 65 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-65Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 66 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-66Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B

+ Details

Name:us-gaap_UndistributedEarningsLossAllocatedToParticipatingSecuritiesDiluted Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type: debit Period Type:duration

- Definition

The sum of dilutive potential common shares or units used in the calculation of the diluted per-share or per-unit computation.

+ References

Reference 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_WeightedAverageNumberDilutedSharesOutstandingAdjustment Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:duration

- Definition

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.

+ References

Reference 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

- Definition

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.

+ References

Reference 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 90 R63.htm IDEA: XBRL DOCUMENT
Subsequent Events (Details) - USD ($) $ / shares in Units, $ in Thousands 9 Months Ended
Nov. 06, 2024
Nov. 01, 2024
Oct. 25, 2024
Mar. 28, 2024
Sep. 30, 2024
Oct. 16, 2024
Dec. 31, 2023
Subsequent Event Subsequent Event [Line Items] Dividends declared per share of common stock (USD per share) $ 0.32 Line of Credit | Global Investment Bank 3 | Notes Payable to Banks | Subsequent Event Subsequent Event [Line Items] Basis point index spread adjustment 0.20% Minimum | Line of Credit | Global Investment Bank 2 | Notes Payable to Banks Subsequent Event [Line Items] Interest Rate Pricing Spread 2.10% 2.10% Minimum | Line of Credit | Global Investment Bank 2 | Notes Payable to Banks | Subsequent Event Subsequent Event [Line Items] Interest Rate Pricing Spread 1.75% Minimum | Line of Credit | Global Investment Bank 3 | Notes Payable to Banks Subsequent Event [Line Items] Interest Rate Pricing Spread 2.00% Minimum | Line of Credit | Global Investment Bank 3 | Notes Payable to Banks | Subsequent Event Subsequent Event [Line Items] Interest Rate Pricing Spread 1.90% Maximum | Line of Credit | Global Investment Bank 2 | Notes Payable to Banks Subsequent Event [Line Items] Interest Rate Pricing Spread 3.35% 3.45% Maximum | Line of Credit | Global Investment Bank 2 | Notes Payable to Banks | Subsequent Event Subsequent Event [Line Items] Interest Rate Pricing Spread 3.35% Maximum | Line of Credit | Global Investment Bank 3 | Notes Payable to Banks Subsequent Event [Line Items] Interest Rate Pricing Spread 4.50% Maximum | Line of Credit | Global Investment Bank 3 | Notes Payable to Banks | Subsequent Event Subsequent Event [Line Items] Interest Rate Pricing Spread 4.75% Residential mortgage loans - at fair value Subsequent Event [Line Items] Unpaid principal balance $ 411,468 $ 386,872 Residential mortgage loans - at fair value | Subsequent Event Subsequent Event [Line Items] Unpaid principal balance $ 316,800

- Definition

Debt Instrument, Basis Point Index Spread Adjustment

+ References

No definition available.

+ Details

Name:aomr_DebtInstrumentBasisPointIndexSpreadAdjustment Namespace Prefix:aomr_ Data Type:dtr-types:percentItemType Balance Type:na Period Type:duration

- Definition

Financing Receivable, After Allowance for Credit Loss, Before Fair Value Option Adjustment, Unpaid Principal Balance

+ References

No definition available.

+ Details

Name:aomr_FinancingReceivableAfterAllowanceForCreditLossBeforeFairValueOptionAdjustmentUnpaidPrincipalBalance Namespace Prefix:aomr_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant

- Definition

Aggregate dividends declared during the period for each share of common stock outstanding.

+ References

Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1

+ Details

Name:us-gaap_CommonStockDividendsPerShareDeclared Namespace Prefix:us-gaap_ Data Type:dtr-types:perShareItemType Balance Type:na Period Type:duration

- Definition

Percentage points added to the reference rate to compute the variable rate on the debt instrument.

+ References

No definition available.

+ Details

Name:us-gaap_DebtInstrumentBasisSpreadOnVariableRate1 Namespace Prefix:us-gaap_ Data Type:dtr-types:percentItemType Balance Type:na Period Type:duration

- Definition

Detail information of subsequent event by type. User is expected to use existing line items from elsewhere in the taxonomy as the primary line items for this disclosure, which is further associated with dimension and member elements pertaining to a subsequent event.

+ References

Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-2 Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2

+ Details

Name:us-gaap_SubsequentEventLineItems Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration

- Details

Name:us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_CreditFacilityAxis=us-gaap_LineOfCreditMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_LineOfCreditFacilityAxis=aomr_GlobalInvestmentBank3Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_LongtermDebtTypeAxis=us-gaap_NotesPayableToBanksMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_LineOfCreditFacilityAxis=aomr_GlobalInvestmentBank2Member Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type:na Balance Type: Period Type:

- Details

Name:us-gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis=aomr_LoansReceivableResidentialMember Namespace Prefix: Data Type:na Balance Type: Period Type: EXCEL 91 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 (($^9UD'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=0UIR;UEA_6\#MI7E!+_P04.M`"!/F=96&ULS9+/-M2L0P$(=?17)OI^GZ!T(W%\63@N""\XBTDL[MAFS0D(^V^-O6G<[2+Z.$(NF?GE MFV\@G0Y"#Q%?XA.PDL5T-;G>)Z'#FNV)@=!(>HJ.I3HG?&YNA^@4Y6O<05#Z.MH'8(;=/<@-D-21I&"&5B%AL&'S]@7F-&/3KTE(#7')B< M)X;CU'=P.%W$7:.#L5O[MCXW/@K*#7_]"?@%02P,$% @.@3YG69E&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!;D]J/3%@R#3LZG5C.=GSVQ.V?C.K:=#1M&N#C\7@XMLO2.MBW.A(5M>5.TR.M6'!VULS2.Y9>*?JUE!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>$[2M!'\6:PUDSY@R.S-D77.UI$.$9))>-T(^8LZ+.MD!&_'H8X2IKMHG%8!/V>7L-)P>B"RV;!N'GZ4.3-L+((W1\072N0/)]<_Z3(T.M!Z.:60F[a\%9]GZ]'-#ZH'C(*!?&Y'C]E>G@*_Y;&V"N@GL!_]':.*K^(+.M.7\N?<^E!HGT/:?30AR6#D3RU4U3393>* M$IV"&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'<>(\][(A]J&&F._# M0X=Y>U^89Y7&4#04;6RL)"Q&MV"XU_$L%.!D8'V@!X.O40+R4E5@,5O& RN0.MHGQ.C$7H<.>77%_CT9+CVZ9EM6ZO*7<9;2)2.<)IF!-G]\K>9;'!51W/55OR ML+Y]/.053I_<6:W(GPP13A8+$DACE!>F2]+S&5.`YRM!Q%4XOT4SMA*7&+5C.MY1=O3E.X$G:V#P(RN;1Y7!E,6>F\M\M# DL6XA9$)N-7>W5YYNTB42%(]P# 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.1]V*^N]]/^26<. [1[!8$@F_S6VZ3VW> ,?-2K6]5D*O$_.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"\"/F=9D%KG](@&.'&'AL+W=O7XD:R3C51/R5((39ZC,$Y..TNM5Q]ZO<1;BH@G.MAW(E8K@SERKB&D[5HI>LE.!^'A2%/>HX1[V(!W%G?))?NU/C$YGJ. (C%G2)) M&D5V4OYD%[AZ_JE_FYL',(T_$5(9_![Y>GG;..\07P$,*0]+L9,UO?^_01/.MD2LMHN0_6Y45DGV[9#8P/R0K[HG3#H%1*BUZ(Q__L$]O3NA.NEGPY) 8K V'JY4#L3*D8C&-_0Y+'T.:_9,Q>&= MD@_+ZG;$M>8\3*P-B88U-'A<&CQ&"W41ZT"_D,L@%.0FC1Z%LAG#-1S'1?;= M_FA@,X>&-C0W*LV-ZIB[%XL@T=" FMSPR-I'<9U)O! AN>5A!92>@'<0>XO.MKAX.(%M[AS;3]%Q#TZYCWK5.'=0M.*F@]^8ODP.RTS_^B51D*M-8JQ?XLOUK.M8H_Z];G-.1[4U/.(7.KAU++_P9W+EPW@- YH%7O$2K._4>23;LNL"2LS2 (>(.J363X<%-_1I&>MWFIW! M<'Z0F]C]%9>;Z! 2(K<:,0.<7$-.+LX[;XV6B>M.R740>_;.C6M^G%B-MH%0 MKF$H%T>? MT;O9*)Y2/X)5M6Y&5=D#]-'5]=M0)1K'.K%T2?OJQ.8_U<;.PP4 M+ZRVVD GU["3BX//) ^E!>]TM98S!TQZ1T8!U^R/\L?IK@YY<@T]N+7Z;IDIE M#%R ;Q O\B&9VJ?QN. (7Z^1_BDV9+ >V(V<-EJNVU.3O4P ZM!3M@+(+)RDQ+[PF()U\E);>1 M:B"(?6A?J^-WHI=M/11J@UPM6Y5?CRD;N"X=TI/>VN;1< ZMQ3E32*4*WI=7 ML2^>R1_'WHRXE.,X[O#HJ#\|MGIH@W*HH1R*0\HD$K&?KQ9=AMS>9 U?B//"X MIL8,YU <4>OQB^ *<8B+ M57Y4:(-SF.$';T3OARI8<VH AMO/Q#&>7AT"'@L@Y<>DOC[^2F?!2!6\< M]V]<:=MQDN(\_*-SZ+AD!:-DS4,|!N)Z39T;.F(XUCPH[N<3LI?H4896PWN6.M@6ZO[ZV^VL.B9K"(X5CTVH3DXME;\G@A*E? N]PC=?)E=6/VUL?3##!(QG&-& MAP/'^0EZ:AQ(16ZD!MP[3T7V#6QD=?E.9+,UWP8G,<-);-A"PGHG!-K60!M MQ0Q0,9R OB=A[5D]LG0DO[HC37&YIL8-93$>;S8 M@77- LP6(A(1B#[',X1 2]FRVL-14G6JHR^4+4FLY8!=+P7VAL@?@."EQ"]!V> M9#!0;BT;_P!02P,$% @ @3YG62>E20=&" 32L !@ :X,"W;W)K M,22;Y& 91N9PB_+3*V%AH_J<9QOE!2+EY^=ZNFYUFADSB5MPKEQ7HMU,N53++GBQ$9O7YQ%S^NM/EB/#W? MB$ \)X!M:I #QW_J@&L#'2+K SK1F@Q/5? 9,U+&&KR9B_+>E*,A MFC@URSC3"GZ-89R>7F?I A9%+A!IC=H/?O M?D+O4)RB^U56Y")=Y.=C#1B,IW%4S7>UG8_VS#>3FS/$\ FBF'++\&OW\!L9 MP7!2#F?-X6.(?! <^W85/2W^LQ]_E;/;Q?F8+88.N.V\>9S?4AWAXA(7HQ@]^12 M/CY_VP[%8$9]Z.ZL&3K[#R9TX[V2N51R9[#-(>ZV&#KR]>;0]MA"UP%[-)0.S8O!TVSXGM5L5I%&[$4M[(.-42UDE#&8LDW.UV(FUHOOX0WV>X MA;9K%'BX!ZV_0^L[T3ZD4-"3^_^XDV(#&17%HBR9\.?^ZC)OQ0#['2T+7< G M%&6I5E!958X7&BU%K!!D2V&-S^])(Y'6O%UC;.]N& 77. .]HM>285$GDM[M!@>=="9D7^NT,MEC1D%([M,D.VL0}[3[3))D-ZH4VZFL(9#N3L10]- IV9;,+Y>_Y/2'4)s]7"O*B!D7U<5*Q1VZ%5T71/"&.\)\L.9/ MXB;0FT*;7)FK[*M45FA=:B0A\\.@C;!KQT(2^GT(.Q8E;AK]!'I[7?NQRXB$ MDV-FM%E- 1I,O#9&"T%2WE/$289N7%<@GU'3+7BKE+>;2#N&M#6,AZ$->>T2 [AQ:2F'RL^ M"^L!.0;^1 W29NB1$/?H3U+S(W$3Y.S^R_4_?OGRZ\W'N]F//TPH"7Y&'__Y M\.G^/U; @[+D4-Z.!Z":)JF;)J^S]1H*(1PWHZ\GZ!T^PP0RJRIS9PC*8[9$ M<';3/L&X_(ORE3 U4Q1ZE2E3;<&(G7B$G-" OOX;YWEA MU"F4W*S0N8:+.'U\G0<.>?O35*>]MZ? A)Z'OP33\C6FLQST+O>^5Y.H89S'B MH3WM."T J%_L 7"%6LG8$V";,$2]X8 =B4T,>\8*M$OBW""?L"JL%KL@P'O; MJ0EW[\3L)OO+*"K615*V",)2C$/1A*1*@@8#'0RI4YH<'?9 WHAU[*$NF4)%#)EZ$%^VY@.J%654)O8P&U! M,I$*)WV5JH8CU.GYT\M7.6=-JC\&,I;LT-9RP^&!\I YM0QQX8]E+=FV#7S MLS>8_X ,9%T>]FWVBIF]_!/?SHM?A+FN1[M77(V5 HZ!<;180 DK1EV+2Z86USLKS"JU;4'U5G9){$C^7E"6B\Q%"BJCHH M\Q<$;. (%G$)C8/MUIO0CG$1IDHDT-X^(6JZT*G(-4BN'$ZMIR2%J55O,TJ%@ M'@N\MGJQ&1(_)%Y/CX+5\H6YYMYNCLV @;\V@:\G# _]\#,8& M%3I#>6N&60L=YFZ=7,;GARMD96R801W&Z76.QX0+'75WAK9<(F04BI\0Y M>GD&\M8,NQ8\S"UX_GPGO)I@?T4\1OSV6QI=O)8QW-U%>3B;G;%[M)45>J)==.'90'I8W=KH]=R;&\-6]$+6PX^%=E<%A MW=H/(RQFL'"0]-636HOP-[1(O\0ZI*(,JE"&\M:\%,5"X=^K4/B@"F4H;\TP M:X7"WWBXTUAE;[@6T4$G(>ZI!F-YQ6&",>]Y2,9K<<+=;1-'4O;J_D.R=5 E M,Y2WYCVJE0QW/TER9.N@;9NAO#5?BJKUCN?6.V[G.:^7 ;Y1&CX:XW<&P&5)* ML-]FO_'>NX[F1=//0CW&D'N)7,)(?!9 QJOMNYO;#SK;E*_SC.MLW5YN9(" MJ, 8P, .+#,ZCU0?3\N7N#=KI_P%02P,$% @ @3YG60)K5&A @ 2 < M -[@ !X;"[W;W)K$"[5@?S }JNNI5QC27O]^+"FIJ1(!@6]64M74X%2M?=THH*4#U=R/@B#$ M:\]$ET_?D/7E+2*(K7-43WZ .R^87W9[7[9!1 MD3T7T(O(%R0*(B2 ?CL9?@-% @/'3P^A/OHOD]!U* <@+DA#%=E2O@%R=K^X(0VH]KC/AW+0 M$H\=L6T;VSP8!>'$W^Y[>R7H0'/2.TY.UDSHQE12L3]8OF=M.0Z*;1G3/1UQ M&K2_9XI/B3R0G?.RT]- E,ZTWKTA._Q$2Q6D81N/HF>*!P.1CED;C9%APU@O. M3A>,=X$V5)1,K%]4G9V]>B!P6+6_U^?L'?.5]C43FG!8(308C9%#M7VIG1C9 MN-;WE 8,]1M6>-6!L@'X? B6E>9K8;MI?GOE?4$L#!!0 (($^9UD?O:I_ M!P@ !0H 8 >&PO=V]R:W-H965T&ULK5IM;]NV%OXK MA#=-=O&8&88]WH51,II!QE(B]C.2'W2[_KX2 MWV5P-SZRK*,=2/(H34@F-I>C*3T/ M."L.E(C?(O&2GUR3PI3'-/U2W%RO+T=&,2(1BY4L*$+X\RQF(HX+)AC'7S7I MZ-AGT?#T^I7]E])X,.8QS,4LC7^/UG) [.7)'9"TVX2&6J^G+)U$;9!5\JS3. MR__)2XTU1F1UR&6ZJOO#"'914OT-O]...&D /"@*5C=@:.@.SHP&O&_"W]F#6 M#A4(.3BRQI(5F!!K;BHO1^V1K\%25%HBQE!K]&T$Y. M9FFRAK"+-8&K/(VC=2CA9BGA#^2#S$FZ(8N\R.(BKCD)DP*Y@Z3<%MGR+,AU MLDIW@KRJ2?/\/?E(/B]]\NfG]^1G$B7D89L>8.?^NJ^:"">V\Y@Q_SAI=\O(/O>OX0W-? +!W(]GRUN@P]D'CQ@,;Y83)RE M6_7/\WVX$I$@R?TBR8""R5BC,8RC,/O;)=2(% ML$J8,\5.Q*)0$=@E0;%U/$^88Y]01L^G[D50W#,-LK748YK66X,%2 H:AK\ MB&I9:ATMM=YF]?BZ+Q8MS-2*P3KIF+HF4TU%4+;IJ;]*(N:GJ68BJ_QV2X MJ?;15+O75)A.1)ECF+6VUK=G,,6.F0YR3*K;JH.88]AP MD'ID!1MP!E(0GM[??BT_5.H!KK PNEIJ?;0Y5R;,#$%19JA+F8_!3(LY2CHC M,,AZR\;SV3MZR_NFMPY)E[_(^LH>2*Y6!VR2$8"O*/Z<_WA8P&[;46CY*$ MDFS"*"//87P0)-T7/U;>Q+R->=? 3+.46=9CB71T%&,]3G*NC3!<61L6W.HHY MKNWBKJ5&HU>-7N<^+!ZF-^1?+AEU'ZW!N2Y7TF.&P"QF*2G(RC./5?--03F MTHY=@H(=]H=@9_W 5SL!6UD@ZY,@[*Y@_*%@S%U@X"X+ >G/2ATFYCN+H M220K44Y+F(A)'E.U\"K-\3E9L[:RT%*5"@*B5$M\'61K>S?&Q@N6.MK4.;17 MVTZ6.EU[1MWA2(KBT345*X/T-!,U4&FZ:BFZB#]VNKB@Z'HB7)K&&LH;=0N MM9?UFOU/^(W(FEKWJBA=("-U56-U$+5<+; ZBG%=E&;--^M7T;)K E%8< M9"-$45T+V?3J!D*\(/##{6).E@^+V?\^+6[\ MX!Z//2(OL1FOP[#8(_]2NX;M^D.'6;<[8_N,K]&7K%]?+N169.5^UAQQ1O41 M9ZGA,?L9HB<==<0S!/41- (BZPR$PT^+J#H>@*/.L+OL;0;0B(LP26/'SU\)M7R7%#G;]?!MFD S%.7?QM+S%O5)UY)R.\(RK.P*" M,LZX.BE0+L=3?8)Q==08K)%XK%_B^5%*%X*#.(3CMC!/-4G.@KS" <;EJ.L$ MRM7EDT8),K.WIQJ?.,%3@F'01Q Y9X<=H]@.53LIRD)27]0N822 !QWCC]D M5W%^.;Y$V*)L_*%LP%%L[8HV<9? URMIK7[Z]PX+FIBTC&'0CN.:MF8\RLFYRSM>&;!&S+)^.3M/DTS$Y5O-NS"3?Z/&#WJ&/"B;/RA; M.!1;.QB-LF;N#Q!7L5Y1_MU!&)+-'Y0M&(JM'81&\[-^S;]X4SU;D[3T%5-/ M-6<8BCMJA8.@3)MJZD5'68[;L?KQ1M'S?D4_?3VJ0,WL;_S=;ZB'9/,'90N& M8FN'H2DL^(^?5/-!3ZH'9?,'90N&8FL'H2EN>'!Q\[:I7Y.T!JOVK@@!6=JK M(@1$M0\/ @QE.ZI&'Y!\Y;03V5/Y>5D./3XR=LT_+#+>7%3V? M4>2Y3\'^#Z@.UAK[Z7NXVS)ZB)">QV$!?QDI#0B6K/D&K;F2Z+[^Q>DRE3'?E MY5:$;Y$5 /A]DZ;RI:.HX/@AX.3_4$L#!!0 (($^9UEE_=J=?0<_.4U.M 8 >&PO=V]R:W-H965T&ULO5M=;]LV%/TKA%=L"5#7 M)]D/NTL,++;$=5BW(&FWAV$/BL7$0B71E>2DW;\?);N625[3\\5 MSR&I>R+[XHD7'\H58Q7ZE*5Y>3E85=7Z]6A4+E!?%()OJC3)V76!RDV61<7G*Y;RI\L! M'GQYXR9Y6%7V2/9Q3IZ8+>L>K^^+\G3>(<2)QG+RX3GJ&*WEX-?\.N0TCJ/A MB?@K84_EWC&JAW+'^0I1_1<27Z5Y&U\.1C75\12&0RML"7E.@WMP>9X1ZCC^]&+@WNJPJ$ M.4K.0H]Q?)>J4($>-B08$U\."\&P23.*1X RNJ,-HGT &5"2+&OEZS687MT M?G"U_'/#TQ2)??$I*N)_(?:H29[Z7O.Z7$=+=CD0.ZIDQ2,;S'[\ 7OCGZ&5 M8Q-L81,LL D66@*3U'=VZCO&];-(^A.QB\8E6HN- XF=:+G=D,I:?TCA+9XK M34,Z=8BR/HQE3]7.)EA@$RP\RH:DBKM3Q36JLKT;"""5$%U9&|%JM3&> MNHH.QD*GZM"G8F"S8F@)3%+!VZG@&55XGXOM,$W^$S>K!W/0F=I<'<3B^/F M[=4M$FT"FHL#2!!/)XL,754;8_E3M;$)%O2Z_M!224D.;Q3G#V%=DJ8' M.76!9/"U8;@8JRH8ZYRJ@DVPP"98>(0+283)3H1)WW9+W$/D1NN6K46C-6X. M+0]).]$NB-"ZGU'D <*T1DN/<7S/1UE9]+#AA/L*P5#($IT@).JHA)7TQU7 MTV>VIK]MPA@0IG&FQPC&M)XST.,&GNNI^P 01.B/Z8'9A<>= MPQM_O]ZT+6:I.,6*MK"'*%EA%"VVAR9-@S^9CRRUJ"RA-2'\Z42;WW%SW9 5M MH@56T<*CA,C2=&X,F^UVOSZU!9$V&T<3PUCI9#%ZE RLE@QMH&VWB M*Z-(6LVG&K:$&_(82VBLH:=5X,F\UVKYX5ZY9R0GRJBF'57UM% M"ZRBA;:Q- 6SBWBK:PBA9810MMH;E8N5>,#<7/G77LHH66$4+CS,BB]/9:F*VU?V\&K=(YYXFAQ6G72O MFH'5]&M- %F,O+8=5)6T4+CQ(B]]$Y:6)VTGW=FP.JI#M*XKGCZ425*8A3 MI^4"""(\K)F5 (@;.@Y6)SD0A:?NU#FTW7=^E 3VNST>/\"\ 6]6=8'IWK.T1NK8I@KG?P=RQXE ZLE0UMHLA2=BZ9F%_T, MXT9UFTM\K9DRUS]9(*L/J7N-(+154U:HL];4;*U[&3>J6U"'*B;Y.K+HJJVB! M5;3P*'&R&GM?-C?;Z&<9MQ9;^M(]9-R@.,VX 4&@<0/B ,,&18'&;;3W@Y?Z M:U!OHT*XL1*E[%YDCE_Y@O)B^YNBI4G%U\OD8.YX5?&L.5R9Q=B..D\\?LY^DCE_Y@-H==L,\!4$L#!!0 (($^9UEE=(G2T1O0H'DT 8 >&PO=V]R:W-H965T&ULM5MK<]NV$OTK&-U:)YFQ(^)%D:GM&5FV M&\W$CVO9Z=R/M 19;"A2)2D[[J^_"^H!DGC(:M1\B/580GL6'YRS"_+D-)L_=XM%+])>==$\ MZ1+/\[OS*$X[9R? 59W?YV4FV+),X%792_G8LD>SWMX,[F@_OX>5;* M#[IG)XOH68Q$^;BXR^%==SO*))Z+M(BS%.5B>MKIX\\#G\H+*HMOL7@M:J^1 MA/*49=_EF^'DM.-)CT0BQ4<(H(_+V(@DD2.:'[\M1ZTL_U>6'H6;TJPH\M@'F*'C'(DC_B23D[!00=-!'3;)F4]!GK%[$&Q.5XXRPJO_1ZJK6ZZ#QLBBS M^?IB\& >IZN_T8U(&H7P#CF"\CZ M*^@%DNH.I+JLAU5YY5L"ZB,CH[R;-7 ME$MK&$V^J&)370UHXE1.XZC,X=L8KBO/!EDZ@4D1$P2OBBR))U$);T8E_('9 M*@N43=$@*F;H"F:\0,?H<72!/OSR$? V"XA0]5+)E$:63XJ1;@C=RS.YX_V/OJ"KK[=_C-#5_>TUNKV!O._#&]^1_W!P_#;\&%X.3)% M;34J,X\]5_7G8A&-Q6D'EFTA\A?1.?OU/!CW?C-!/M!@C0"P,0"8;_2S&]B$ MXG2)G!EC3.TG&<"]2"WRN'-^[#U_+#L5P&2]E6(/-A(\VC,DZ?5SM1-M7,:B^&Q"R \YGP<.K!$P?QLP?^=\ E,D\=\0@6=@B$\48#>>9WGY#-L^2K(H M+8Y@(\WCETCNT C"6N80(_CT_OI\=(1@NT #>&4*ULH#7IMHS#CIM=)!MR(] MC_OF?.AMX?5VPENF-H 82(GNQ#C95Y-]I$&>@'O)37!CCD13R6*2C2-XAR] M1,E20,+(+U?P3>$QA:.G 3UF <>L%0^#&>D%?F ,2+ -2. ,2% BB_^.&ICB MHEA&Z5CZ79A]#O3)8>WUK-M@CWEF=\.MN^', ^8M:+L JE,?+>;$*>ER.LV5% M.>V$->$(=1_# (&P!T8T(#D.S$.PI3O;YJ/E^ >F*PH1C'Y*:NL#O1!+Q4L; \=/H$WJ U58L\[?:.MJC(BP'1^; .M$A%\%X%J60V"%]H"\4'UQJ-&:<)7"P&Z><1WES[$L M)8"]MQFN;9'(^7 GX,R HT+)HNRR6\4_MLM1<\G/?-J<:T:6$^UE)-M\+$ MJXAE]!0BP4[^/KO+07#$BRBI?%0X*GC1$VB3JG8J8I#L90QFNW>Q]2_67:T3 MPQJ/:H1)784U\2C!@- V*X;:P;S'K9YI_@>NPG_M.DHA=%(HJD0:!&]52$&L1=-IW$20_88G3:P+;9^6Z.8S#BVI8CB9.PFY>%-MD48_-@X;?300+&?:'J1;]0+;?]EH&+MY>+A)6Y=_.F^RD+3=TXV. <1!89)1 M[$K<[*IS^8"]XNSN_O;;\.+R IW_#WUX',&+X//MS\YUIEJ,B,JKG)D$G5FTU&;@7 MX@\KS^*_8E_B9E^G_Z[0Z^P90CW*VHQ@L LHX%;$X,*QJC\WKE2]HKUF1C\UUQ+!U1 M&KN5U'OU"-4Y-?#K_:.U!!/U]D)*+%4SK77]VO57PUO^C>#=SA^V%]OU%+ M4T7?U$W? %_&+K"LG!21B/)&K1B8AY&)19N/OLRR9B-RME6-6'3V/0.;GI:^A@,>PSV*PLBQ=34S=35 M86RU1*62?F=3GIJ.0]K,Z";66: *8)F.\IM2.5%(V,^Y-L%*U/_8TUBH +V M&;1,) !)O])P+43N?VUQC/$8T%..AU]-J<8,=ABK)IOZ8HG'FIG$=Y7928!T7 M(HUALM+,HEV9SLXL8!J)&\QLTZ,XG.W@<'UZ:BOEX\IG5R^'Z;3,""BCMN\& M]F8,%HZE;F:*QF0I[;MZA0MY+YDPOC#'V>$^;!&,1C7N88LMQ&ZN=E]L9>^/P6_KQ\O*1=M/;9$9"WR*6F")OUG-JW='CW=W7RVM-T/^* M+H:CP=?;T>/]);J]0EL9#"EX=7M_W7\8WMX8(3CUP;ZZ\U"C-0.B%)S*P3% MIQ.@(4C%?E M>_2@49KWJNC5 3W_J42C3O%R=ZWWQQHM&80E,C@NWH%^PEO[M(+:T2&O@"E M%%MD*E>Z@N\\-L]%4MU;>!?EY9O1/^<0>T_.@49K E8RA/_LT3L_:+O@4*,U MX2]QPMUBI7%;L=^9-#O3G2A*!D!W?W#.2-0$0D"UP=#:[7 M_R!(-0]-!^O$(KZYD@%\O]UNSL,%]\5]++]T#C=:;$]H0##W]V!SJH=#C4;,\/ VI M5I5T\-T-B)_8]7S3&?] B':\83(,0MJ6W/J*\GTWY?^SK&FE]?HX_#U9/ MP:AA5@_EK&Z7*U-BIC"D]ZD'0O9R):")R:0#?.M3[.LW+R1/[!]VNCL_U!+_P04_" "!/F=9I*$-NI$* #0' &_'AL M+W=OGT T1"(F(28-PBOKK^^P"(\"F?XB;I?;$E"MC79Y]=@$]W-MUMWX2]D@/C6U\<\F50CMSZ>GOJA4(_W,MLK@EXUUC0SXZK:GOG5*EKRIJ4\7-M_F/IXW49G+^E)]=N?.GM@NU-NK*"=\UC73[YZJVNV>3LTE^<*VW5:_'I^=/_M6[E5*Q7>M5<.WTY[*:5NE/!:&N'4YMED>?,S\P>TGA?\IM7.CSX+\F1M[0U]_M>5T^F\S)(%6K(1-$B7\?U86J:Q(&,SXDF9-*

>)6T)_^2G% MX4LV+-&!=L=%;&5+V20YT^=W0E'JR&-/K"KO!O&:4-)606'7S7VA?,W;BN- M_H^,(3*E>"Z]LJ)NQ)537IG OSP]#=!%.TZ+)/=YE+OXC-S'XM*;4'GQTI2J M/-Q_"AM[0Q?9T.>+.P6N5#L3]^=3L9@O'MPA[WJO^'V6=_|+')^*"VN\K74Y MQ&'L/H7CE3;2%%K68H6'"K@,7OQKN?,!.5G_/A:A;,"#XP90M?WL6UFH9Y.6 M=+F/;G+^_7=GA\Z?W,'>@|ZI!W=)_S_R^D?(%4NS5;5X(V\ Q>V*&JQ_?+U MVZEX,8J9N!?L5H5*.8 J5$(CDKY;>UUJZ,3R C^)[[[M%C,GUS8H15FS[_ MGDSSXV*3X1U^9GM7'KX@X!)$IRI;"E/Z1(;3I\2190G-A;%4K>IQ/"ATIZ;-M+2:NCS4=LH6_;8)?S0=1:&6&L.?6O5IO-+.!5UW"6\)#BVEUEPRAL|:>]K;4 M5AK/LBW[G-?3@OGC)TI5,+ 4TGN%0$ KN?]NMIH-DL&7-RK,Q%O\,HK(V4]/ M$#D ,*CMGGP.%DMOX*53I0XGGLB36"]Y%4';.@UYNMZ3+]-V]?[$.KU%@,B, M0Y>3C;]>)B]*)8.03HV$-+)4I+@"_RF7-G"DPQ|W(L3;.D!9N1B108Q'^@K2 M[VS#$6B=Q:\]H%4,@:B5*2DW+6)&'9F 1_"1FXVN-1R8'H/>RM8=P=*+7WZY MN(V^F!3*&3]=8 @BJ;U 9"T%QSK? X^^(DE^B;3GM4[&K=%&!PV#V.%A%*_& M"0B5I\VV E9WE:Y5ES5R5TEC(S"4TG"LS1&KL+0.6052(@D$FQO@T"6BE*5@UM(7XE2 MHTT.LS 6K'UDJP-EN@7]@MAC(Y"%LYZJ,"A\8MFT'(N*5'L"^3L,.9,-J? M.*56KN.V(674U+"*!U)YA&3 MC@1$<*Z.Q8=*;TW:FQ'I0SUE,$;PT49"I(+M*;ZKF\EFA16]BX9J9]=W/-; MW%!84W8%)P*I;ET2XU*B*IRO0'CQGP(6"HTG^639|=SR+VG5S_&! $9!%8D,2WAG9E5P=5':8R^*G=.C@N2N+\8.82]+SK15F M,? 0HX):S2/N(G8AOV69R3AOTMZZ(U8TX+]$/T*G$V?QD?D8QN5;;KHY=:77R MS]@RDP?'5,_$$N8[FFC]/3/C7I068Q(57%%W"#15?E0=[P;RB8 F$ZP#*)VB MR3HB.U42,5)1{)9' FCH#-!,5R$I*^\[$"_:^K1\B^B- MC?#^,?/P6]Z5E#$;_?.9MA6 MFS2(1(HC+V-G/;B'KXD^2L+1+LQ_G,>6'4<@2#.$PAK!D&;QZ+Q6@,/ MO:=V3^Y+L9':#4IR"T-'Z>HPY"""?")]+MB6-]GS(5>5,K#HT#]MWG;R3!G"]_MDK7BAE9(GEZ3>/6IC4PXUD,L&4?GV|]2$329NYBNR*U?$[Q;PT.P04FC&APGOG6LJ8C=H0TYG;C9>*C@<84S0CQH!E+ M9KAUF8EWG@/U$AEMN.K?\C&0B*^_ACGJ8^*9@T;>GX5Q?NH8VM@]MEUE-9D: M2CK#LV+!5>>PRP^R+.^*#E-#&^.' RE(&9C@XU4>.TB#W;,^KX M/#@^/ VZXTE[LP%>$C*K^(@UFSZ'=5W#3 ENDR|/7PE>-B/_Z'!8;%Q/ M(=N+\LN,2/-B<8 VN"#0-U?I&\1D8CL;!)9._'R?AG|M9]-Q(O+BLN.+!VW: M+MG*LT'-!(.8=$V;IEVL5;[_^2_B[N_@62&8V>UL\01#%T3_QJ(OE?2=2]Y/-M<^9@.+'EA^H?T IH0"[29FI#=$NMC7'9\G!'^ 4NR/R88N!6!HG."*T#'Q14XIN#.5&MAQPW7*'6I2DN,.Q256%30;1M'-PN#C?#EJL-97OK(C.,K182BD>\MSB+YQ-0?*3PC MAY*T',]*V<-/A>C:3G3-N>8+G!BQVK,&D%/MPO;?9NF:TV*5SJ-LF$@\'K3_ZK M4-)ZAD =9VC>,#(H_W@M76N3%|ZC[75?SS1L%;C32-$P-Y!;)|[W$Z>@M$V;O M+;]+8ZHP(;YPZI_VK^N6\2W5L#R^Z!N4;HL3BZC5!EOGLY\>3H2+[_BEV!;.M?F>UMB'8AC]6F+.5HP7XG&PO=V]R:W-H965T&ULS5I;.]LX%OXK MA*<[: $UL60[B9LV0-*98ON0:=%T.P^+?: EVN94%C6D9#?]]?N=0TJ6?$F3 MPO"[0-'H0AZ>RW>N\NN-L5_=4]E*?%OEA7LS6%95^>KTU*5+M9+NQ)2]P)NY ML2M9X=8N3EUIEXF>9#@G2I/Q&=8B628C!^@-VJ%'3&]-M0T1%Z'^Q""%OJ|)#Q$XJTIG.EU)C\T\BDQ\A)44?D'9BI>Z4(6J9:YN.-#!2Q6 M3OS!>N8|"S3|VY"&/ /CPPR0A[URI4S5FT%)9]FU&ES]_%-\-KQ\0+QQ*]IX M(>1/M.5?I27N=)$JH:$*NBB],JNE@D)7I2SNQ5(Z45XM62Q.Q.<.IVHM\QJ6=4&< MP'"H*)DN!1@CTIDB@E"0T',L%-IY#JVF."9FJE!S#9C8^Q/:XEB&WY<;%+I] M"=L^AFTWVVU|GIB+C+@Q6|$)DH&[PDF.9PZ.P#KB9P-]MSQF.$16>_9@ALU& M619(0S%^#4=%;P[>MS*0W^E%H&>+*H%9L!/QT?I%@-9 7G0$2W[99XN"R+RV>&-;.M!@A70F:9IA4=QDB1P^FE*:#KB4P79VYRY$H">\6>XQ.FO.DS|%7=D[FFSELV M2%D/8N7)PH.456Q^9')703#B1_*)",L(AC/(V.1F%OP7E8:G,3\=O1+7M/[5 MH0U[B\7S9Z2H:FEJ!VKNA;A>+*Q:0.VB+DJI, ^(3/EQ"AS.9$]R(F7T(>>0 M=)EX)N)H$B? 1>9+P]6@TC]9G(_%:.BO(]^$ V1_(LA3:64E=2&>Q_$HNIB>O1"?GDXF$G"_ ^98QXG<\2:+I\)RO$1ZCX=FY^-"U-MQ\K48!QJ^*T, [7;HFUFN%R'IX0Q)#'%L3LG962_G9U$R'H=SAGS.<1WY6&*; M+/F$HSOB&4X#K^&P:Q9.)^)W+.="5:QROH SR#7>6X$@Z>!R7\#!78]OH9!*+?XCD9$I_ MWC4Z5%;#)$V1U=+_SDG8,)G"FXS(/!-)-(R'41)[.)SC>G01 F$;%+^

*D9GRQ0_]7F4B;*B6);@X(]V#(%2SRI#AW\CYB5_JHL)QIL;0-4*GH%4G_MX#D39.BBA@*MF)7673H6F^;;Z/RU!;A&K .MAY>Vl.M=MK686F@58@CIR](L MZL42C"S+8E:4EA4;72Wl-SK9@U&R06[01Z[.#]&[5/[*AW3K4A2;G,^R]-Q" MTIIN,5<=/JR[FZ7*217P##D!X2J#>N@YB-EZ!XK((",BYDZ!CM!;*HBWM&8Q M;W4O)2WKl,(7W^2U;D%2YMO\KP&F_`L^$E{-M,'C^/Z03W=Z_P9*QS'XTC%Z(4_'$<>ZVC^UW+;9W_S)L294DZ9_4&?9;]VM-M-YU;:V>_-=#32G+!-EA9.X,FOI=8(/6@'8F-&[I-QG2E:G1;#;!0*<+^A=DYO/-MB8\P4#+%$KS6l@\QOD7!2[5%^(Y;,G.[!'5H@P'O'UW8ZX\4EBH[N]6&C MDK]Tt$,CHP22=4GUJ'|*

*6$=4>]0W!_[Y6WRX=FFUS#++_H M%8&S(D]D66[I;N9PBS#)*Y<5N5WK@(QJ6$> >Q'4"NFV6*T1*-ANQB],DXCL M\78E?Z;49OL<,8G4L$'7-&E*WQ)VY664^XL3NN+'<%IW96(QT2 M>9$_AR+ .D!$(\B _[U%2K?@CU!U5!@9L(%Z(_F";Z<09FP" <5; ? "S(>;*

M1[;3)E;@T%)E;%,2MO#1I##5,>T[QTB.+##=}!]7ETS=C(kQC$85^!5NB+S M=_0U'&!KZL'[JT/KID7K%FB)Y^)H?2 <10YMSH59)UEQ^ (XLXLW!.(7&G. MBKIRKG!7 3H//=(+:4\]H1*3YNLT&F_2L<1P?BPJW7#*+BMK@'N0VEB7>'O / M)4IGK5;]4S$T<@;!B$ ^15X<3'AEXDV#Z3D N'}/M^ (365:N$71T-O-(A$ M-/.B\9 6AA'*

CA&"=LRDYVONWKW!#Z\?7,G+L.K%M1DXHWC++_.^"G'A=;,R"B-HH@5((Q\'7AR.Z//4&TT&O!A!A,,H!)O;/1"_M/M&&C68E*I9M5]8?G1="6,K MCB9N +TF=&RHVMWA6=_VK,E!=,K6^=, =?06[+]7):5)!XD;& RTJ5NDWAA=3T M7U'J&8:66W 7*>E?,'U!PM[V,G*@L\+9 M92'J2I.?HNH.3(-9DXTHD)\66;$@?08]+MU!- =)GIRU&=530- C;"UQM ;4B MA-AS./LC&=8'NXP=DD25&Z.F=; MCYS'3C&84(@N$VGW&?N\&1!G7-28T:R5ZPDAS(" U:W@<*,5/#7"282[W@= MLO5$2^0)&6FI%/K)T-GF8E?9IVN^DG4P\OV=1_FCK(TYX^AGTH[ZTI-8/U,<0 M-W 3Y/(OGXG=W/1T$GD8G6T"^GY7M.)2V@!!?L/5V+H1Y.OD-6'4W\P^DJ$ MD1^-*

*OQ+?]&0OQOXHHBV#H1^'7]', .|_0" 1J!)+1\7\1G2V | GY\E'2+=9\EG:8S\(&>,A ML %A0&JP1_O(GS)\HHD_P'>@+3Z@_3("TZ(KVC8*_ FQR!^,3]..;P?8,_0G MHY;V4?Q:=78D4Y3KR9[WQ6SE$]^;;+=65?&F\;==ADI;G^ M!'8?S_O,8R;V+ZFV/9$Kj,CQ0MO;2S1JZJEPLQ5D?UR1#FPK7O*]:ICN=;;MZC MFX*4HG#0ZB=%CDL=Y0]TXZN;X6P\6P" M!R56#MBE!5TW"3GGRR K>AYZO8>X>QC00YNF$P=HP4V^2C=P27?SV!<[!\+G M\=[SN ^*

*FFI.'166:Z/VN6G[M\0E2LQXBF_/LE3TJC4UBKL]W3!|[3!7-DSV M^-;DG-SCWQ7KGD 1KHFOLJ[@%'75=!3WJ;6$<@]Z5QZCV!\V\G@*&E.[=O5_ M3X?AH.^[F<%)P#8K? JZX15!EGZ(9A-)M,$GX;0P9M>;:(0>_U1##X,\ ]| M_0WL=:_`[=@!SC./5*UI MU$HS,OV%*4FH[&XTC*HU@&G-&>OTEEXO0S10AT0U/2?N10!OW>]>X<+M#I&@ MDU^>X=-7*]))A6ED_0:"[]OTGR'C]36#O4I1:4U#4N59;\M"%%>L2\=M.BZ=V":07}3T.Z8(@U"C[RJT76P[GH%U/]LNJR'C86L7SUY M/,IDM[?5I%?TR@:-#OD[PI7>TFK[-(3#0N?7O)?"14+]M.UNF\3UB46U7:M^ M14 &M]8H0Y4!3Y2XD0G=Z#=TFYY)[ST');'YCKU;[GDA)];@P/+.2ME)B:-(M8=]WBGHV;R7-15;-RT^

3(!2>E>&[EA5YT8:CXKM:+:OE=QJ$(;)YAI^]`I! M&RD*VF94^O#;$-9.SB=W#%7W_<3Y'O^)B)IXS:0V'C?RIYWX_VCT;'MHLX+ MR./YS%%\1GZTA\^HP_8/K_S+/. JM]RE#D8QUX0Q/@T\@>[PF@1?$P3\X MRHR"L3/LH<3[W1=+3_^. HFA@>SF)@ZL#7MO5,X!X0'L93^,C9WGU$>/,R] ,#.*K MDJ2$WF0X/#W*//-RUG_Q)).GCP_,)*

(^[[_^TD2217W8X!F`!+KOSW)(M.K9JK[J/=._QC]_C'Z_6/T>]KZ^($H\-IY! / IYVQH$? M E3LA[$©)KW!M)UV1M$_<=+KBH@'IMS3,8!Q W\<\1!{$.T1`_N#9M((HD'X MR)\>3GK!D>GTRK%Q@###M\8.TTWV17WL:#_VP[?KWN\3X>X6_"M,BMIP4 :G MBNUJ^<T//&_O[QFZ[_97H6^Z3&)&I.8Z"[.&%.TO+^U#5;SYUX[PEE6QXH]+ M)1&W: .^GQ=%U3S0!>W/7U__/U!+ P04 " "!/F=9RA+XRKX& _"Y$ M&0 'AL+W=O2FU#889\GKY7EO/CF]/&1Y$?C=Z+O0>2:.9.'<*

*M1WYYDY_WQ@O(%SJ+,$'AYU;_U$7!A@#C4V.SU!IDQ>[SUOIKB1VQ+%30+UWQ MA\GC^KQWW*-<+U5=Q!MWIY-NXCEB>YDK@ORENR0[@W!6A^C*1AD(2F/3K[IQ M\M!1.!X_H3!M%*:".SD2E*]45!=GWMV19VE8XP<)5;0!SE@NROOHL6[@%R[N M=*&BSNE.^;BA#U[9H"1?X6P489^E1EECZS+9FCYAZX3>.AO7@:YLKO-=_1%P MM>"F6W"7TZ;:?*^K(SA M?K,\-Z>A4ID^[V$P@O:WNG?QPW>3'\S

*O5613[/[!'H5V._FI[_F3M_LL_@A\-P>_"<6%>]-81FCN!LM=*X(H5 M*QO&2\>3=-.0%W)=]I+%2K M#3[%5PO!5WUYTAW,$2(UE5 H:E$^+]-AF&19?*

*T_D[WD^1EXS#]_KYS=.> M:OR!PR0)LS%%[#"/PDF<'+T:CIJU(%ID)KPOB\?_E#OO?9Z&HWSLQ_%P$L9Y M#[_]%XAPV3U=03A+_D S[>3H8O ZEE1AIB6S]#B/X6=(CB?N[WW(30]1(34R+ME]F)(PBJ,PB3LYC&BJYL>?3]F^DE3!,2?@3UR>BG<@6S%1;C"=&24]\TASB M21:.LB'L^^ ,=EX4->]5?S<9$C!1QX7V]7MT^RL>Y%\.IZ]ZSXRO>*4.(%+ M,HV.1WD NGLK=1.K&O\^62A+KOT_K.AYB=H=M/AVE4G8S<1=L'ZRS?P%02P,$ M% @-@3YG68\O=;E,! 00L !D !X;"]W;W)K&ULG5;,,,MLXS/%5@9HM$D ;Z^9;:AO(%2VP+8*DW3XL]H&6QA91B=22 ME%W__0XI6W'B2[W[8O,R>[DQU56GH],<2Z8O M986"=F92E.+SW-B%SF14L3D^H_E6/2]:=5J4C)X$EA*

6FQB(P^EO@+1.%!2(:_ZPQO?9(Z[@] MWJ_ N-@IEBG3>"N+[SPS^=@;>)#AC-6%>9!++C[B.QQ%,9;'=+RS7MH$';:V- M+--

?.Q#DHOEG/]!I>&M4"OY850XA:M:I3FU7>;#C'$"\U;4Y+1Tf889I_4J M:\V%09+-@*)$^.,!$MFM#A] U98PFF5)\V3S4IH=:,N%35J<%RBJJM5';*

7&M<1CZ26[@C0<]?]"/X,MI>D,8 M^$F_!SV_ VP_A-F?"]:R5!=H:]KIP'A*)(+Z AY<+=2W+@#X.A.S?P@R2]T=3 M!OW++?@R_0> ^R/Z"_'>-?Y.Y\A4R11'$ T?!(OW3,?

NF>W"\/7)"8]N@GRA%? MN&L1'ADQOZMQ7\|QL'^8%E+3(18O1,3D=--]EB)M2T6? /)I+U&[=^@RL,'H.LW7_/JK5UU; M^_ ;7%|:.=^H. P.Z-%OJV(G0CY3E,=A#B#R*

*_[MI6[?K^;'&YDHG4*5!(Y MJ-X@/!Q/D[\V<2%$)T;QQI$.ZMG^ILNHVSN!^:Y[-W3N@\$0]K5L9^M90]4] M=X\W3=5>"].\<-K5]GUXW3R+7LR;Q^5GIN:<.!0X(}?*

@LD!=]HH'6S,/$]+/ MI*DT],1RPYS>]<W!4#2\@?35/_@502P,$% @-3YG6;1&N,BB M!@ W!, !D !X;"]W;W)K&ULG5A=;,!LV%/TK-M%UXWV(!JZ].6TB1

*TJ9;@64KXK3#,.R!EFA;]"1J)%TW_?4I["1;:AVW&[8] M[<46ZF:ETR-1#2[/[=YK>7DN-KK(*_Y;DMJ4)9,/U[P0VXN! M-^@V!O+56IN-*

*R>5YS59\SO6;^K7$:K+3DN4EKU0N*I)\>3&X\LZN(R-O!=[F M?*MZSV0\60CQSBQ>91<#UP#B!4^UT<#P]9X_YT5A%`&'ZW.P!H,RKYIM]:../0.Q"*

*[CQSPVP.^Q=T8LBA?,.TNSZ78DC32T&8>K*OV-,#E ME4G*7$O\FN.=*(\]:YCS=R%SG7-'PGBT*KD;G$PT;1G^2MOJN&WW^.M(_H2NA657BNZ]?3*>'9Z? -L.H-*

*\!O/9/*ISS>DR!ZY#O^N$)?<'.X<#["[!H ML'+H!5]H8E5&-W]L7WWWC3=UG)SP(=QZ$I[1?SM&8V:,@));4\Z8/GFEZ+10^AORT[OLUIZ4H MT*IYM2)MJH*

*4AW*TOUX3ZYK7V+Z[O9X,2RDL$5-F"\G2O%QPNX+GK;[MGMT-SHY)?B9%P[PBO18,!25]1%<_W]XW5]I0'#M)$IN'T$FB&?VR%H#Z6]"!*

MKE:\2A\2O2)\G6DRPU.0>$XR#>D+/]9<:.1 9Y55+>98[%N SO.$<:+ 9Y5?#SU3D-HG /?>C.=CN@<[J@V'T!H9^8OQ03-S>HD2HK>LV'!Z4[$2\//*

*M':.*Y2L6FT@Y58.VKW;Y).01AO;#K[^\&9/BC4(C=2Y;+5M5/.'2S7'++A_1K-MSHN,AD_H,-9'D#ZAR'5(C3)PD-MM#+QBUZYE'P3A.Z-LCV<2OO8(H*

*M,9\X$H>>R>*T72;^C^)QX-*W)SHEVG5*]+!^@8UUSVLZ1 MBE+_6$EU;,8T -,;#/[58K1#1=" TJ:F#EFB5Q;[^8")?$&!"[13)+S!HL6 M4%1O9+K&%*0KN)M"(2+*

(ZES#P.=XSA[OX$WHEO^\2.K$$N3^\ )IZ9&A\I'C M)[ZH]CQ4$[X&4\'C M)[ZH]CQ4$[X&4\'C M)[ZH]CQ4$[X&4\

X;/A]!1*]E*]F'ZU/DANBQOQL"2Pf!94(4;DP M%HH:/.#"H;G':),T9J2]7C4X;$ZU2U]/A 1/D+Y.CTXIKHZ(_ASECf$LH40L M);9S43WM\^VIR]LW9;:N#R[^D15EMJI?/HEH(?+*0/Y^F67E_DUU%O+A[.OK M_P-02P,$% @-@3YG6<6;;+VT P #A$!D !X;"]W;W)K&ULS5A;C]HX%/XK5K9:M5(IN1)@%B+-@*I6;JO13"\/]WTP MR0E836+6=J#;7[_')A-(s]*BC5;#]C.N7V?SW&.F>VY^:"HW (I\R[-"SJV-_M4MMKVY;Q:G(JK_@6"GR2$$$I'/KQKU>N",M8"0^,]C+DS'14%;!{(K0T6M,#PXW11C2LT-OXH 0^9:BGHM>4"?*99B60[*!E*0#W2$GR-MBGR@0E#-,7F^:!$59)E-@ZJ>`)7G^[5Y1EA1/FYX*6F1R)FM,!9MT8XKO(<' MO)X9OP^PO2*^\)YXCA=TI"_ZU9<0H!IKU/VFNH,U1#X-0V>1<)+?_E(:7Y$9* M0 80%WG'Z(IE3#&0C_0D!)/O'N)2"%:LC=0'7HAZX99*)LF?I] !>:L@EW]U-MD7.()NB.1I?NM=S2&.86UJ8$L0,K-OTW-W3^Z*)](&,-XOR:.+_/>G23QZC&,>K%ML61I"@**&,@*U!X 3\OF-NFL38=",VJAF(S;6-M2[B@,SD$-:ZCA)>G7QJ4V-MF/)X5NU *G.R=2$(V[%-QMZ/"#]D0L_WN@&,:P#C7P2P0 !=P?7]7W14#&2L-M 7520YT\]3-Y.B1Q QEK$#>MB9O^#TD^[4KR5IEV2(7>N2!UG6.7X?S\:#5[-MW]D]!"]?NE5#666M'/6FHW">5YE4X0Y$WD+4F><Z!\D2C(W1C&@\:[P/D8S30NJF^8>7]Q+8Y.M^FZH3])VH M>KU>O-$+66MR=&RUW.!54EOZW'0-9:Y)W[_<)]7@5=&<-]MMA,&J74UML MXDY;Y62?7%;U/P7OJ5@S+(T,4M15KL9H1APNWX>)XEMS?UUQA;=A,]P 34!H M 7R>`)_I*7/\%$OT+4$L#!!0 ( ($^9UG+)Y$Y!@,_'@( 9 M>&PO=V]R:W-H965T6@6&EGN094(XR@:AA7C M,DC'?FZ]T[&]K> 2IQI,755,WUV@4*M)T LV$S=\7EHW$:;C!9OC#.W]Q523 M%;8L.:]0&]XD:"PFP7GO['+H_+W#!XXKLS4&I^16]:_:>)5/@L@%A (SZQ@8MO99XB4(X(@KCVYHS:+=TP.WQAOV%UTY:,IG!2R4`\MR6D^ T@!P+5@MHU0D M<:UGX/@0BPF,F,9K^^99-*S,EX$+ ^.RT9BYKL'N!EO'.[-'H%9+4+ZJ,A=.9MQJU_*=IRC-.8F;H6R)S^OYT0W%6443/4'PL9 >BO^?WQ"P>4YTB0HX:F)2%@%UF@+G^E.;VFN K^4$I M[XIF,@XZ0=@;^LL&JL.:ZK"5ZHH++L@]E\ZOVQ@.ZR?L-!%44OUM@F;OO=I[MK]7[Y1.O?T]!I7;\) 7/9.:!?,_1;&<:HN4J KD,Z^Q8U'4DN9{\E9+*&A!NK M^:1P,P^9=HL:ST6[MS "H.;2=FY8==523' T7/T1&28DEC0.:((=?7^51VK\O+-T 2A+ M+UC9G-,W VJW@.93I>Q#@SUC]5=(_M02P.$% @-@3YG61L8#"\. @-M/@0 !D !X;"]W;W)K&ULA53=;,]P$/!7+#.A M34)UFJP#2A)!X7@85*U,GA/+C)M;'FCV!?VO'?8SMI5*1NO"0^^WX?Y]PE M/QCf(Y!H),]*.E?0!K&=, ^:J!A1W$]. "]B=;8Q5"'!H=0DBQ-DANF MN-"TS,/>RI:YZ5 *#2M+7*<4MW_N0)1#0.?TN/$@=@VF+=_!&O"Q75D? ML9&E%@]T$!T83"]N"WD[G=UG(CPG?!1SUB E('(V_@\<-)1,@!/UT?VS[%V7\N&.U@8^4/4V!3T R4U;'DG\<$645)U#HT:P-Z!$KI_\^?A'DX :?H"((T :?3=T672XZ\ MS*TY$!NR/5MO0%(CVIL3.GR4-5I_*CP.RX1<[_9215POR>7% MU;\TS!L?W>:Y$ZU<@OBPF,F.9K^^9-*S,EX$+ ^.RT9BYKL'N!EO'.[-'H%9+4+ZJ,A=.9MQJfU_*=IRC-.8F;H6R)S^OYT0W%6443/4'PL9 >BO^?WQ"P>4YTB0HX:F)2%@%UF@+G^E.;VFN K^4$I M[XIF,@XZ0=@;^LL&JL.:ZK"5ZHH++L@]E\ZOVQ@.ZR?L-!%44OUM@F;OO=I[MK]7[Y1.O?T]!I7;\) 7/9.:!?,_1;&<:HN4J KD,Z^Q8U'4DN9{\E9+*&A!NK M^:1P,P^9=HL:ST6[MS "H.;2=FY8==523' T7/T1&28DEC0.:((=?7^51VK\O+-T 2A+ M+UC9G-,W VJW@.93I>Q#@SUC]5=(_M02P.$% @-@3YG61L8#"\. @-M/@0 !D !X;"]W;W)K&ULA53=;,]P$/!7+#.A M34)UFJP#2A)!X7@85*U,GA/+C)M;'FCV!?VO'?8SMI5*1NO"0^^WX?Y]PE M/QCf(Y!H),]*.E?0!K&=, ^:J!A1W$]. "]B=;8Q5"'!H=0DBQ-DANF MN-"TS,/>RI:YZ5 *#2M+7*<4MW_N0)1#0.?TN/$@=@VF+=_!&O"Q75D? ML9&E%@]T$!T83"]N"WD[G=UG(CPG?!1SUB E('(V_@\<-)1,@!/UT?VS[%V7\N&.U@8^4/4V!3T R4U;'DG\<$645)U#HT:P-Z!$KI_\^?A'DX :?H"((T :?3=T672XZ\ MS*TY$!NR/5MO0%(CVIL3.GR4-5I_*CP.RX1<[_9215POR>7% MU;\TS!L?W>:Y$ZU<@OBPF,F.9K^^99-*S,EX$+ ^.RT9BYKL'N!EO'.[-'H%9+4+ZJ,A=.9MQJfU_*=IRC-.8F;H6R)S^OYT0W%6443/4'PL9 >BO^?WQ"P>4YTB0HX:F)2%@%UF@+G^E.;VFN K^4$I M[XIF,@XZ0=@;^LL&JL.:ZK"5ZHH++L@]E\ZOVQ@.ZR?L-!%44OUM@F;OO=I[MK]7[Y1.O?T]!I7;\) 7/9.:!?,_1;&<:HN4J KD,Z^Q8U'4DN9{\E9+*&A!NK M^:1P,P^9=HL:ST6[MS "H.;2=FY8===523' T7/T1&28DEC0.:((=?7^51VK\O+-T 2A+ M+UC9G-,W VJW@.93I>Q#@SUC]5=(_M02P.$% @-@3YG61L8#"\. @-M/@0 !D !X;"]W;W)K&ULA53=;,]P$/!7+#.A M34)UFJP#2A)!X7@85*U,GA/+C)M;'FCV!?VO'?8SMI5*1NO"0^^WX?Y]PE M/QCf(Y!H),]*.E?0!K&=, ^:J!A1W$]. "]B=;8Q5"'!H=0DBQ-DANF MN-"TS,/>RI:YZ5 *#2M+7*<4MW_N0)1#0.?TN/$@=@VF+=_!&O"Q75D? ML9&E%@]T$!T83"]N"WD[G=UG(CPG?!1SUB E('(V_@\<-)1,@!/UT?VS[%V7\N&.U@8^4/4V!3T R4U;'DG\<$645)U#HT:P-Z!$KI_\^?A'DX :?H"((T :?3=T672XZ\ MS*TY$!NR/5MO0%(CVIL3.GR4-5I_*CP.RX1<[_9215POR>7% MU;\TS!L?W>:Y$ZU<@OBPF,F.9K^^99-*S,EX$+ ^.RT9BYKL'N!EO'.[-'H%9+4+ZJ,A=.9MQJfU_*=IRC-.8F;H6R)S^OYT0W%6443/4'PL9 >BO^?WQ"P>4YTB0HX:F)2%@%UF@+G^E.;VFN K^4$I M[XIF,@XZ0=@;^LL&JL.:ZK"5ZHH++L@]E\ZOVQ@.ZR?L-!%44OUM@F;OO=I[MK]7[Y1.O?T]!I7;\) 7/9.:!?,_1;&<:HN4J KD,Z^Q8U'4DN9{\E9+*&A!NK M^:1P,P^9=HL:ST6[MS "H.;2=FY8==

'AL+W=O&PO=V]R:W-H M965T&UL4$L! M-A0#% @ @3YG63VQ.K/H @ D0@ !D ("!OT,! 'AL M+W=O1@$ >&PO=V]R:W-H965T&UL4$L! A0#% @ @3YG M66E8C@B# P 80T !D ("!#DT! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ @3YG67N9QE%,! 4!D M !D ("!REH! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ @3YG6;2+0"PT P *A, T M (!<6P! 'AL+W-T>6QE&PO=V]R:VJO;VLN M>&UL4$L! A0#% @ @3YG62=EU;4, @ A"4 !H (! MX'4! 'AL+UJR96QS+W=O[5!1CF 0 !20 !, ( )'@! %M#;VYT96YT7U1Y<&5S ;72YX;6Q02P4& $< 1P!H$P .WH! end XML 92 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 93 report.css IDEA: XBRL DOCUMENT /* Updated 2009-11-04 */ /* v2.2.0.24 */ /* DefRef Styles */ .report table.authRefData{ background-color: #def; border: 2px solid #2F4497; font-size: 1em; position: absolute; } .report table.authRefData a{ display: block; font-weight: bold; } .report table.authRefData p{ margin-top: 0px; } .report table.authRefData .hide{ background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } .report table.authRefData .hide a:hover{ background-color: #2F4497; } .report table.authRefData .body{ height: 150px; overflow: auto; width: 400px; } .report table.authRefData table{ font-size: 1em; } /* Report Styles */ .pl a, .pl a:visited{ color: black; text-decoration: none; } /* table */ .report{ background-color: white; border: 2px solid #acf; clear: both; color: black; font: normal 8pt Helvetica, Arial, san-serif; margin-bottom: 2em; } .report hr{ border: 1px solid #acf; } /* Top labels */ .report th{ background-color: #acf; color: black; font-weight: bold; text-align: center; } .report th.void{ background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, san-serif; text-align: left; } .report .pl{ text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; /* word-wrap: break-word; */ } .report td.pl a.a{ cursor: pointer; display: block; width: 200px; overflow: hidden; } .report td.pl div.a{ width: 200px; } .report td.pl a:hover{ background-color: #ffc; } /* Header rows... */ .report tr.rh{ background-color: #acf; color: black; font-weight: bold; } /* Calendars... */ .report .rc{ background-color: #f0f0f0; } /* Even rows... */ .report .re, .report .reu{ background-color: #def; } .report .reu td{ border-bottom: 1px solid black; } /* Odd rows... */ .report .ro, .report .rou{ background-color: white; } .report .rou td{ border-bottom: 1px solid black; } .report .rou table td, .report .reu table td{ border-bottom: 0px solid black; } /* styles for footnote marker */ .report .fn{ white-space: nowrap; } /* styles for numeric types */ .report .num, .report .nump{ text-align: right; white-space: nowrap; } .report .nump{ padding-left: 2em; } .report .nump{ padding: 0px 0.4em 0px 2em; } /* styles for text types */ .report .text{ text-align: left; white-space: normal; } .report .text .big{ margin-bottom: 1em; width: 17em; } .report .text .more{ display: none; } .report .text .note{ font-style: italic; font-weight: bold; } .report .text .small{ width: 10em; } .report sup{ font-style: italic; } .report .outerFootnotes{ font-size: 1em; } XML 95 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.3 html3582581false870false7 falsefalseR1.htm0000001 - Document - CoverSheethttp://angeloakms.com/role/CoverCoverCover1 falsefalseR2.htm9952151 - Statement - Condensed Consolidated Balance SheetsSheethttp://angeloakms.com/role/CondensedConsolidatedBalanceSheetsCondensed Consolidated Balance SheetsStatements2 falsefalseR3.htm9952152 - Statement - Condensed Consolidated Balance Sheets (Parenthetical)Sheethttp://angeloakms.com/role/CondensedConsolidatedBalanceSheetsParentheticalCondensed Consolidated Balance Sheets (Parenthetical)Statements3 falsefalseR4.htm9952153 - Statement - Condensed Consolidated Statements of Operations and Comprehensive Income (Loss)Sheethttp://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLossCondensed Consolidated Statements of Operations and Comprehensive Income (Loss)Statements4 falsefalseR5.htm9952154 - Statement - Condensed Consolidated Statements of Changes in Stockholders' EquitySheethttp://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquityCondensed Consolidated Statements of Changes in Stockholders' EquityStatements5 falsefalseR6.htm9952155 - Statement - Condensed Consolidated Statements of Cash FlowsSheethttp://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlowsCondensed Consolidated Statements of Cash FlowsStatements6 falsefalseR7.htm9952156 - Disclosure - Organization and Basis of PresentationSheethttp://angeloakms.com/role/OrganizationandBasisofPresentationOrganization and Basis of PresentationNotes7 falsefalseR8.htm9952157 - Disclosure - Variable Interest EntitiesSheethttp://angeloakms.com/role/VariableInterestEntitiesVariable Interest EntitiesNotes8 falsefalseR9.htm9952158 - Disclosure - Residential Mortgage LoansSheethttp://angeloakms.com/role/ResidentialMortgageLoansResidential Mortgage LoansNotes9 falsefalseR10.htm9952159 - Disclosure - Investment SecuritiesSheethttp://angeloakms.com/role/InvestmentSecuritiesInvestment SecuritiesNotes10 falsefalseR11.htm9952160 - Disclosure - FinancingSheethttp://angeloakms.com/role/FinancingFinancingNotes11 falsefalseR12.htm9952161 - Disclosure - Due to BrokerSheethttp://angeloakms.com/role/DuetoBrokerDue to BrokerNotes12 falsefalseR13.htm9952162 - Disclosure - Securities Sold Under Agreements to RepurchaseSheethttp://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseSecurities Sold Under Agreements to RepurchaseNotes13 falsefalseR14.htm9952163 - Disclosure - Derivative Financial InstrumentsSheethttp://angeloakms.com/role/DerivativeFinancialInstrumentsDerivative Financial InstrumentsNotes14 falsefalseR15.htm9952164 - Disclosure - Fair Value MeasurementsSheethttp://angeloakms.com/role/FairValueMeasurementsFair Value MeasurementsNotes15 falsefalseR16.htm9952165 - Disclosure - Related Party TransactionsSheethttp://angeloakms.com/role/RelatedPartyTransactionsRelated Party TransactionsNotes16 falsefalseR17.htm9952166 - Disclosure - Commitments and ContingenciesSheethttp://angeloakms.com/role/CommitmentsandContingenciesCommitments and ContingenciesNotes17 falsefalseR18.htm9952167 - Disclosure - Accumulated Other Comprehensive Income/(Loss)Sheethttp://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossAccumulated Other Comprehensive Income/(Loss)Notes18 falsefalseR19.htm9952168 - Disclosure - Other AssetsSheethttp://angeloakms.com/role/OtherAssetsOther AssetsNotes19 falsefalseR20.htm9952169 - Disclosure - EquitySheethttp://angeloakms.com/role/EquityEquityNotes20 falsefalseR21.htm9952170 - Disclosure - Earnings per Share (???EPS???)Sheethttp://angeloakms.com/role/EarningsperShareEPSEarnings per Share (???EPS???)Notes21 falsefalseR22.htm9952171 - Disclosure - Subsequent EventsSheethttp://angeloakms.com/role/SubsequentEventsSubsequent EventsNotes22 falsefalseR23.htm995410 - Disclosure - Pay vs Performance DisclosureSheethttp://xbrl.sec.gov/ecd/role/PvpDisclosurePay vs Performance DisclosureNotes23 falsefalseR24.htm995445 - Disclosure - Insider Trading ArrangementsSheethttp://xbrl.sec.gov/ecd/role/InsiderTradingArrangementsInsider Trading ArrangementsNotes24 falsefalseR25.htm9954471 - Disclosure - Organization and Basis of Presentation (Policies)Sheethttp://angeloakms.com/role/OrganizationandBasisofPresentationPoliciesOrganization and Basis of Presentation (Policies)Policies25 falsefalseR26.htm9954472 - Disclosure - Variable Interest Entities (Tables)Sheethttp://angeloakms.com/role/VariableInterestEntitiesTablesVariable Interest Entities (Tables)Tableshttp://angeloakms.com/role/VariableInterestEntities26 falsefalseR27.htm9954473 - Disclosure - Residential Mortgage Loans (Tables)Sheethttp://angeloakms.com/role/ResidentialMortgageLoansTablesResidential Mortgage Loans (Tables)Tableshttp://angeloakms.com/role/ResidentialMortgageLoans27 falsefalseR28.htm9954474 - Disclosure - Investment Securities (Tables)Sheethttp://angeloakms.com/role/InvestmentSecuritiesTablesInvestment Securities (Tables)Tableshttp://angeloakms.com/role/InvestmentSecurities28 falsefalseR29.htm9954475 - Disclosure - Financing (Tables)Sheethttp://angeloakms.com/role/FinancingTablesFinancing (Tables)Tableshttp://angeloakms.com/role/Financing29 falsefalseR30.htm9954476 - Disclosure - Securities Sold Under Agreements to Repurchase (Tables)Sheethttp://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseTablesSecurities Sold Under Agreements to Repurchase (Tables)Tableshttp://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchase30 falsefalseR31.htm9954477 - Disclosure - Derivative Financial Instruments (Tables)Sheethttp://angeloakms.com/role/DerivativeFinancialInstrumentsTablesDerivative Financial Instruments (Tables)Tableshttp://angeloakms.com/role/DerivativeFinancialInstruments31 falsefalseR32.htm9954478 - Disclosure - Fair Value Measurements (Tables)Sheethttp://angeloakms.com/role/FairValueMeasurementsTablesFair Value Measurements (Tables)Tableshttp://angeloakms.com/role/FairValueMeasurements32 falsefalseR33.htm9954479 - Disclosure - Related Party Transactions (Tables)Sheethttp://angeloakms.com/role/RelatedPartyTransactionsTablesRelated Party Transactions (Tables)Tableshttp://angeloakms.com/role/RelatedPartyTransactions33 falsefalseR34.htm9954480 - Disclosure - Accumulated Other Comprehensive Income/(Loss) (Tables)Sheethttp://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossTablesAccumulated Other Comprehensive Income/(Loss) (Tables)Tableshttp://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLoss34 falsefalseR35.htm9954481 - Disclosure - Other Assets (Tables)Sheethttp://angeloakms.com/role/OtherAssetsTablesOther Assets (Tables)Tableshttp://angeloakms.com/role/OtherAssets35 falsefalseR36.htm9954482 - Disclosure - Earnings per Share (???EPS???) (Tables)Sheethttp://angeloakms.com/role/EarningsperShareEPSTablesEarnings per Share (???EPS???) (Tables)Tableshttp://angeloakms.com/role/EarningsperShareEPS36 falsefalseR37.htm9954483 - Disclosure - Variable Interest Entities - Schedule of Securitization Transactions (Details)Sheethttp://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetailsVariable Interest Entities - Schedule of Securitization Transactions (Details)Details37 falsefalseR38.htm9954484 - Disclosure - Variable Interest Entities - Narrative (Details)Sheethttp://angeloakms.com/role/VariableInterestEntitiesNarrativeDetailsVariable Interest Entities - Narrative (Details)Details38 falsefalseR39.htm9954485 - Disclosure - Residential Mortgage Loans (Details)Sheethttp://angeloakms.com/role/ResidentialMortgageLoansDetailsResidential Mortgage Loans (Details)Detailshttp://angeloakms.com/role/ResidentialMortgageLoansTables39 falsefalseR40.htm9954486 - Disclosure - Investment Securities - Schedule of Investments Securities at Cost (Details)Sheethttp://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetailsInvestment Securities - Schedule of Investments Securities at Cost (Details)Details40 falsefalseR41.htm9954487 - Disclosure - Investment Securities - Schedule of Investments in RMBS and CMBS at Fair Value (Details)Sheethttp://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetailsInvestment Securities - Schedule of Investments in RMBS and CMBS at Fair Value (Details)Details41 falsefalseR42.htm9954488 - Disclosure - Investment Securities - Schedule of U.S. Treasury Securities (Details)Sheethttp://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetailsInvestment Securities - Schedule of U.S. Treasury Securities (Details)Details42 falsefalseR43.htm9954489 - Disclosure - Financing - Narrative (Details)Sheethttp://angeloakms.com/role/FinancingNarrativeDetailsFinancing - Narrative (Details)Details43 falsefalseR44.htm9954490 - Disclosure - Financing - Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases (Details)Sheethttp://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetailsFinancing - Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases (Details)Details44 falsefalseR45.htm9954491 - Disclosure - Due to Broker (Details)Sheethttp://angeloakms.com/role/DuetoBrokerDetailsDue to Broker (Details)Detailshttp://angeloakms.com/role/DuetoBroker45 falsefalseR46.htm9954492 - Disclosure - Securities Sold Under Agreements to Repurchase - Narrative (Details)Sheethttp://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseNarrativeDetailsSecurities Sold Under Agreements to Repurchase - Narrative (Details)Details46 falsefalseR47.htm9954493 - Disclosure - Securities Sold Under Agreements to Repurchase - Schedule of Repurchase Agreements (Details)Sheethttp://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetailsSecurities Sold Under Agreements to Repurchase - Schedule of Repurchase Agreements (Details)Details47 falsefalseR48.htm9954494 - Disclosure - Derivative Financial Instruments - Narrative (Details)Sheethttp://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetailsDerivative Financial Instruments - Narrative (Details)Details48 falsefalseR49.htm9954495 - Disclosure - Derivative Financial Instruments - Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts (Details)Sheethttp://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetailsDerivative Financial Instruments - Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts (Details)Details49 falsefalseR50.htm9954496 - Disclosure - Derivative Financial Instruments - Schedule of Derivatives Not Designated as Hedging Instruments (Details)Sheethttp://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetailsDerivative Financial Instruments - Schedule of Derivatives Not Designated as Hedging Instruments (Details)Details50 falsefalseR51.htm9954497 - Disclosure - Fair Value Measurements - Schedule of Financial Assets and Liabilities Measured at Fair Value (Details)Sheethttp://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetailsFair Value Measurements - Schedule of Financial Assets and Liabilities Measured at Fair Value (Details)Details51 falsefalseR52.htm9954498 - Disclosure - Fair Value Measurements - Schedule of Significant Level 3 Inputs (Details)Sheethttp://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetailsFair Value Measurements - Schedule of Significant Level 3 Inputs (Details)Details52 falsefalseR53.htm9954499 - Disclosure - Fair Value Measurements - Narrative (Details)Sheethttp://angeloakms.com/role/FairValueMeasurementsNarrativeDetailsFair Value Measurements - Narrative (Details)Details53 falsefalseR54.htm9954500 - Disclosure - Related Party Transactions - Schedule of Related Party Transactions (Details)Sheethttp://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetailsRelated Party Transactions - Schedule of Related

Party Transactions (Details)Details54 falsefalseR55.htm9954501 - Disclosure - Related Party Transactions - Narrative (Details)Sheethttp://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetailsRelated Party Transactions - Narrative (Details)Details55 falsefalseR56.htm9954502 - Disclosure - Commitment and Contingencies (Details)Sheethttp://angeloakms.com/role/CommitmentandContingenciesDetailsCommitment and Contingencies (Details)Details56 falsefalseR57.htm9954503 - Disclosure - Accumulated Other Comprehensive Income/(Loss) (Details)Sheethttp://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetailsAccumulated Other Comprehensive Income/(Loss) (Details)Detailshttp://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossTables57 falsefalseR58.htm9954504 - Disclosure - Other Assets - Schedule of Other Assets (Details)Sheethttp://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetailsOther Assets - Schedule of Other Assets (Details)Details58 falsefalseR59.htm9954505 - Disclosure - Other Assets - Narrative (Details)Sheethttp://angeloakms.com/role/OtherAssetsNarrativeDetailsOther Assets - Narrative (Details)Details59 falsefalseR60.htm9954506 - Disclosure - Equity (Details)Sheethttp://angeloakms.com/role/EquityDetailsEquity (Details)Detailshttp://angeloakms.com/role/Equity60 falsefalseR61.htm9954507 - Disclosure - Earnings per Share (???EPS???) - Narrative (Details)Sheethttp://angeloakms.com/role/EarningsperShareEPSNarrativeDetailsEarnings per Share (???EPS???) - Narrative (Details)Detailshttp://angeloakms.com/role/EarningsperShareEPSTables61 falsefalseR62.htm9954508 - Disclosure - Equity and Earnings per Share ("EPS") - Calculation of Earnings per Share (Details)Sheethttp://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetailsEquity and Earnings per Share ("EPS") - Calculation of Earnings per Share (Details)Details62 falsefalseR63.htm9954509 - Disclosure - Subsequent Events (Details)Sheethttp://angeloakms.com/role/SubsequentEventsDetailsSubsequent Events (Details)Detailshttp://angeloakms.com/role/SubsequentEvents63 falsefalseAll ReportsBookAll Reports aomr-20240930.htmaomr-20240930.xsdaomr-20240930_cal.xmlaomr-20240930_def.xmlaomr-20240930_lab.xmlaomr-20240930_pre.xml aomr-20240930_g1.jpgaomr-20240930_g10.jpgaomr-20240930_g11.jpgaomr-20240930_g12.jpgaomr-20240930_g13.jpgaomr-20240930_g14.jpgaomr-20240930_g2.jpgaomr-20240930_g3.jpgaomr-20240930_g4.jpgaomr-20240930_g5.jpgaomr-20240930_g6.jpgaomr-20240930_g7.jpgaomr-20240930_g8.jpgaomr-20240930_g9.jpg http://fasb.org/us-gaap/2024http://xbrl.sec.gov/dei/2024http://xbrl.sec.gov/ecd/2024truetrue JSON 97 MetaLinks.json IDEA: XBRL DOCUMENT { "version": "2.2", "instance": { "aomr-20240930.htm": { "nsprefix": "aomr", "nsuri": "http://angeloakms.com/20240930", "dts": { "inline": { "local": ["aomr-20240930.htm"] }, "schema": { "local": ["aomr-20240930.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": ["aomr-20240930_cal.xml"] }, "definitionLink": { "local": ["aomr-20240930_def.xml"] }, "labelLink": { "local": ["aomr-20240930_lab.xml"] }, "presentationLink": { "local": ["aomr-20240930_pre.xml"] } }, "keyStandard": 201, "keyCustom": 57, "axisStandard": 31, "axisCustom": 0, "memberStandard": 42, "memberCustom": 32, "hidden": { "total": 5, "http://xbrl.sec.gov/dei/2024": 5 }, "contextCount": 358, "entityCount": 1, "segmentCount": 87, "elementCount": 572, "unitCount": 7, "baseTaxonomies": { "http://fasb.org/us-gaap/2024": 746, "http://xbrl.sec.gov/dei/2024": 33, "http://xbrl.sec.gov/ecd/2024": 4 }, "report": { "R1": { "role": "http://angeloakms.com/role/Cover", "longName": "0000001 - Document - Cover", "shortName": "Cover", "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": "aomr-20240930.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": "aomr-20240930.htm", "first": true, "unique": true } }, "R2": { "role": "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "longName": "9952151 - Statement - Condensed Consolidated Balance Sheets", "shortName": "Condensed Consolidated Balance Sheets", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "2", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:CashAndCashEquivalentsAtCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:CashAndCashEquivalentsAtCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R3": { "role": "http://angeloakms.com/role/CondensedConsolidatedBalanceSheetsParenthetical", "longName": "9952152 - Statement - Condensed Consolidated Balance Sheets (Parenthetical)", "shortName": "Condensed Consolidated Balance Sheets (Parenthetical)", "isDefault": "false", "groupType": "statement", "subGroupType": "parenthetical", "menuCat": "Statements", "order": "3", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:CommonStockParOrStatedValuePerShare", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:CommonStockParOrStatedValuePerShare", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R4": { "role": "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss", "longName": "9952153 - Statement - Condensed Consolidated Statements of Operations and Comprehensive Income (Loss)", "shortName": "Condensed Consolidated Statements of Operations and Comprehensive Income (Loss)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "4", "firstAnchor": { "contextRef": "c-21", "name": "us-gaap:InterestAndDividendIncomeOperating", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-21", "name": "us-gaap:InterestAndDividendIncomeOperating", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R5": { "role": "http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity", "longName": "9952154 - Statement - Condensed Consolidated Statements of Changes in Stockholders' Equity", "shortName": "Condensed Consolidated Statements of Changes in Stockholders' Equity", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "5", "firstAnchor": { "contextRef": "c-70", "name": "us-gaap:StockholdersEquity", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-66", "name": "us-gaap:StockholdersEquity", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R6": { "role": "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "longName": "9952155 - Statement - Condensed Consolidated Statements of Cash Flows", "shortName": "Condensed Consolidated Statements of Cash Flows", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "6", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:NetIncomeLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "aomr:RealizedGainLossOnDerivativesAndInvestmentsNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R7": { "role": "http://angeloakms.com/role/OrganizationandBasisofPresentation", "longName": "9952156 - Disclosure - Organization and Basis of Presentation", "shortName": "Organization and Basis of Presentation", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "7", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R8": { "role": "http://angeloakms.com/role/VariableInterestEntities", "longName": "9952157 - Disclosure - Variable Interest Entities", "shortName": "Variable Interest Entities", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "8", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:VariableInterestEntityDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:VariableInterestEntityDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R9": { "role": "http://angeloakms.com/role/ResidentialMortgageLoans", "longName": "9952158 - Disclosure - Residential Mortgage Loans", "shortName": "Residential Mortgage Loans", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "9", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:FinancingReceivablesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:FinancingReceivablesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R10": { "role": "http://angeloakms.com/role/InvestmentSecurities", "longName": "9952159 - Disclosure - Investment Securities", "shortName": "Investment Securities", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "10", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:InvestmentsInDebtAndMarketableEquitySecuritiesAndCertainTradingAssetsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:InvestmentsInDebtAndMarketableEquitySecuritiesAndCertainTradingAssetsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R11": { "role": "http://angeloakms.com/role/Financing", "longName": "9952160 - Disclosure - Financing", "shortName": "Financing", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "11", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DebtDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DebtDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R12": { "role": "http://angeloakms.com/role/DuetoBroker", "longName": "9952161 - Disclosure - Due to Broker", "shortName": "Due to Broker", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "12", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DueToAndFromBrokerDealersAndClearingOrganizationsDisclosure", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DueToAndFromBrokerDealersAndClearingOrganizationsDisclosure", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R13": { "role": "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchase", "longName": "9952162 - Disclosure - Securities Sold Under Agreements to Repurchase", "shortName": "Securities Sold Under Agreements to Repurchase", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "13", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:RepurchaseAgreementsResaleAgreementsSecuritiesBorrowedAndSecuritiesLoanedDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:RepurchaseAgreementsResaleAgreementsSecuritiesBorrowedAndSecuritiesLoanedDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R14": { "role": "http://angeloakms.com/role/DerivativeFinancialInstruments", "longName": "9952163 - Disclosure - Derivative Financial Instruments", "shortName": "Derivative Financial Instruments", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "14", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": {

"contextRef": "c-1", "name": "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R15": { "role": "http://angeloakms.com/role/FairValueMeasurements", "longName": "9952164 - Disclosure - Fair Value Measurements", "shortName": "Fair Value Measurements", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "15", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:FairValueDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:FairValueDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R16": { "role": "http://angeloakms.com/role/RelatedPartyTransactions", "longName": "9952165 - Disclosure - Related Party Transactions", "shortName": "Related Party Transactions", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "16", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:RelatedPartyTransactionsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:RelatedPartyTransactionsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R17": { "role": "http://angeloakms.com/role/CommitmentsandContingencies", "longName": "9952166 - Disclosure - Commitments and Contingencies", "shortName": "Commitments and Contingencies", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "17", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R18": { "role": "http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLoss", "longName": "9952167 - Disclosure - Accumulated Other Comprehensive Income/(Loss)", "shortName": "Accumulated Other Comprehensive Income/(Loss)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "18", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ComprehensiveIncomeNoteTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ComprehensiveIncomeNoteTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R19": { "role": "http://angeloakms.com/role/OtherAssets", "longName": "9952168 - Disclosure - Other Assets", "shortName": "Other Assets", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "19", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherAssetsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherAssetsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R20": { "role": "http://angeloakms.com/role/Equity", "longName": "9952169 - Disclosure - Equity", "shortName": "Equity", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "20", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R21": { "role": "http://angeloakms.com/role/EarningsperShareEPS", "longName": "9952170 - Disclosure - Earnings per Share (\u201cEPS\u201d)", "shortName": "Earnings per Share (\u201cEPS\u201d)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "21", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:EarningsPerShareTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:EarningsPerShareTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R22": { "role": "http://angeloakms.com/role/SubsequentEvents", "longName": "9952171 - Disclosure - Subsequent Events", "shortName": "Subsequent Events", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "22", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:SubsequentEventsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:SubsequentEventsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R23": { "role": "http://xbrl.sec.gov/ecd/role/PvpDisclosure", "longName": "995410 - Disclosure - Pay vs Performance Disclosure", "shortName": "Pay vs Performance Disclosure", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "23", "firstAnchor": { "contextRef": "c-21", "name": "us-gaap:NetIncomeLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": null }, "R24": { "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": "24", "firstAnchor": { "contextRef": "c-21", "name": "ecd:Rule10b51ArrAdoptedFlag", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ecd:NonRule10b51ArrAdoptedFlag", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-21", "name": "ecd:Rule10b51ArrAdoptedFlag", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ecd:NonRule10b51ArrAdoptedFlag", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R25": { "role": "http://angeloakms.com/role/OrganizationandBasisofPresentationPolicies", "longName": "9954471 - Disclosure - Organization and Basis of Presentation (Policies)", "shortName": "Organization and Basis of Presentation (Policies)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "policies", "menuCat": "Policies", "order": "25", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:BasisOfAccountingPolicyPolicyTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:BasisOfAccountingPolicyPolicyTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R26": { "role": "http://angeloakms.com/role/VariableInterestEntitiesTables", "longName": "9954472 - Disclosure - Variable Interest Entities (Tables)", "shortName": "Variable Interest Entities (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "26", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfVariableInterestEntitiesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfVariableInterestEntitiesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R27": { "role": "http://angeloakms.com/role/ResidentialMortgageLoansTables", "longName": "9954473 - Disclosure - Residential Mortgage Loans (Tables)", "shortName": "Residential Mortgage Loans (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "27", "firstAnchor": { "contextRef": "c-1", "name": "aomr:FinancingReceivablesTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "aomr:FinancingReceivablesTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R28": { "role": "http://angeloakms.com/role/InvestmentSecuritiesTables", "longName": "9954474 - Disclosure - Investment Securities (Tables)", "shortName": "Investment Securities (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "28", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DebtSecuritiesAvailableForSaleTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DebtSecuritiesAvailableForSaleTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R29": { "role": "http://angeloakms.com/role/FinancingTables", "longName": "9954475 - Disclosure - Financing (Tables)", "shortName": "Financing (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "29", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfLineOfCreditFacilitiesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfLineOfCreditFacilitiesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R30": { "role": "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseTables", "longName": "9954476 - Disclosure - Securities Sold Under Agreements to Repurchase (Tables)", "shortName": "Securities Sold Under Agreements to Repurchase (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "30", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfRepurchaseAgreements", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfRepurchaseAgreements", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R31": { "role": "http://angeloakms.com/role/DerivativeFinancialInstrumentsTables", "longName": "9954477 - Disclosure - Derivative Financial Instruments (Tables)", "shortName": "Derivative Financial Instruments (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "31", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfNotionalAmountsOfOutstandingDerivativePositionsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfNotionalAmountsOfOutstandingDerivativePositionsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R32": { "role": "http://angeloakms.com/role/FairValueMeasurementsTables", "longName": "9954478 - 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:FairValueByBalanceSheetGroupingTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:FairValueByBalanceSheetGroupingTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R33": { "role": "http://angeloakms.com/role/RelatedPartyTransactionsTables", "longName": "9954479 - Disclosure - Related Party Transactions (Tables)", "shortName": "Related Party Transactions (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "33", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfRelatedPartyTransactionsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfRelatedPartyTransactionsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R34": { "role": "http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossTables", "longName": "9954480 - Disclosure - Accumulated Other Comprehensive Income/(Loss) (Tables)", "shortName": "Accumulated Other Comprehensive Income/(Loss) (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "34", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [

"body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R35": { "role": "http://angeloakms.com/role/OtherAssetsTables", "longName": "9954481 - Disclosure - Other Assets (Tables)", "shortName": "Other Assets (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "35", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfOtherAssetsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfOtherAssetsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R36": { "role": "http://angeloakms.com/role/EarningsperShareEPSTables", "longName": "9954482 - Disclosure - Earnings per Share (\u201cEPS\u201d) (Tables)", "shortName": "Earnings per Share (\u201cEPS\u201d) (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "36", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R37": { "role": "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails", "longName": "9954483 - Disclosure - Variable Interest Entities - Schedule of Securitization Transactions (Details)", "shortName": "Variable Interest Entities - Schedule of Securitization Transactions (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "37", "firstAnchor": { "contextRef": "c-76", "name": "aomr:ResidentialWholeLoansAggregateFairValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-76", "name": "aomr:ResidentialWholeLoansAggregateFairValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R38": { "role": "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "longName": "9954484 - Disclosure - Variable Interest Entities - Narrative (Details)", "shortName": "Variable Interest Entities - Narrative (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "38", "firstAnchor": { "contextRef": "c-86", "name": "us-gaap:DebtInstrumentFaceAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-86", "name": "us-gaap:DebtInstrumentFaceAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R39": { "role": "http://angeloakms.com/role/ResidentialMortgageLoansDetails", "longName": "9954485 - Disclosure - Residential Mortgage Loans (Details)", "shortName": "Residential Mortgage Loans (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "39", "firstAnchor": { "contextRef": "c-5", "name": "aomr:FinancingReceivableAtCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-5", "name": "aomr:FinancingReceivableAtCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R40": { "role": "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetails", "longName": "9954486 - Disclosure - Investment Securities - Schedule of Investments Securities at Cost (Details)", "shortName": "Investment Securities - Schedule of Investments Securities at Cost (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "40", "firstAnchor": { "contextRef": "c-91", "name": "us-gaap:AvailableForSaleDebtSecuritiesAmortizedCostBasis", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:DebtSecuritiesAvailableForSaleTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-91", "name": "us-gaap:AvailableForSaleDebtSecuritiesAmortizedCostBasis", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:DebtSecuritiesAvailableForSaleTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R41": { "role": "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "longName": "9954487 - Disclosure - Investment Securities - Schedule of Investments in RMBS and CMBS at Fair Value (Details)", "shortName": "Investment Securities - Schedule of Investments in RMBS and CMBS at Fair Value (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "41", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:SecuritiesSoldUnderAgreementsToRepurchase", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:ScheduleOfRepurchaseAgreements", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-96", "name": "us-gaap:SecuritiesSoldUnderAgreementsToRepurchase", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "aomr:DebtSecuritiesAvailableForSaleAndSecuritiesSoldUnderAgreementsToRepurchaseTableTextBlock", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R42": { "role": "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails", "longName": "9954488 - Disclosure - Investment Securities - Schedule of U.S. Treasury Securities (Details)", "shortName": "Investment Securities - Schedule of U.S. Treasury Securities (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "42", "firstAnchor": { "contextRef": "c-11", "name": "aomr:DebtSecuritiesAvailableForSaleFaceValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "aomr:DebtSecuritiesAvailableForSaleFaceValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R43": { "role": "http://angeloakms.com/role/FinancingNarrativeDetails", "longName": "9954489 - Disclosure - Financing - Narrative (Details)", "shortName": "Financing - Narrative (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "43", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:RestrictedCash", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-159", "name": "us-gaap:DebtInstrumentFaceAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-6", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R44": { "role": "http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "longName": "9954490 - Disclosure - Financing - Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases (Details)", "shortName": "Financing - Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "44", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:LineOfCredit", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-148", "name": "us-gaap:LineOfCredit", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfLineOfCreditFacilitiesTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R45": { "role": "http://angeloakms.com/role/DuetoBrokerDetails", "longName": "9954491 - Disclosure - Due to Broker (Details)", "shortName": "Due to Broker (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "45", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:DueToCorrespondentBrokers", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": null }, "R46": { "role": "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseNarrativeDetails", "longName": "9954492 - Disclosure - Securities Sold Under Agreements to Repurchase - Narrative (Details)", "shortName": "Securities Sold Under Agreements to Repurchase - Narrative (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "46", "firstAnchor": { "contextRef": "c-165", "name": "us-gaap:MarginDepositAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-165", "name": "us-gaap:MarginDepositAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R47": { "role": "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails", "longName": "9954493 - Disclosure - Securities Sold Under Agreements to Repurchase - Schedule of Repurchase Agreements (Details)", "shortName": "Securities Sold Under Agreements to Repurchase - Schedule of Repurchase Agreements (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "47", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:SecuritiesSoldUnderAgreementsToRepurchase", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:ScheduleOfRepurchaseAgreements", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:AssetsSoldUnderAgreementsToRepurchaseInterestRate", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "4", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:ScheduleOfRepurchaseAgreements", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R48": { "role": "http://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetails", "longName": "9954494 - Disclosure - Derivative Financial Instruments - Narrative (Details)", "shortName": "Derivative Financial Instruments - Narrative (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "48", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:RestrictedCash", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-170", "name": "us-gaap:RestrictedCash", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R49": { "role": "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails", "longName": "9954495 - Disclosure - Derivative Financial Instruments - Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts (Details)", "shortName": "Derivative Financial Instruments - Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "49", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:DerivativeAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-174", "name": "us-gaap:DerivativeNumberOfInstrumentsHeld", "unitRef": "contract", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfNotionalAmountsOfOutstandingDerivativePositionsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R50": { "role": "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails", "longName": "9954496 - Disclosure - Derivative Financial Instruments - Schedule of Derivatives Not Designated as Hedging Instruments (Details)", "shortName": "Derivative Financial Instruments - Schedule of Derivatives Not Designated as Hedging Instruments (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "50", "firstAnchor": { "contextRef": "c-186", "name": "us-gaap:DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherDerivativesNotDesignatedAsHedgingInstrumentsStatementsOfFinancialPerformanceAndFinancialPositionLocationTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-186", "name": "us-gaap:DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherDerivativesNotDesignatedAsHedgingInstrumentsStatementsOfFinancialPerformanceAndFinancialPositionLocationTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R51": { "role": "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "longName": "9954497 - Disclosure - Fair Value Measurements - Schedule of Financial Assets and Liabilities Measured at Fair Value (Details)", "shortName": "Fair Value Measurements - Schedule of Financial Assets and Liabilities Measured at Fair Value (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order":

"51", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:OtherAssetsFairValueDisclosure", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:FairValueByBalanceSheetGroupingTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:OtherAssetsFairValueDisclosure", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:FairValueByBalanceSheetGroupingTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R52": { "role": "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails", "longName": "9954498 - Disclosure - Fair Value Measurements - Schedule of Significant Level 3 Inputs (Details)", "shortName": "Fair Value Measurements - Schedule of Significant Level 3 Inputs (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "52", "firstAnchor": { "contextRef": "c-5", "name": "us-gaap:LoansReceivableFairValueDisclosure", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:FairValueByBalanceSheetGroupingTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-222", "name": "us-gaap:LoansHeldForSaleMeasurementInput", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "4", "ancestors": ["span", "div", "td", "tr", "table", "div", "us-gaap:FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R53": { "role": "http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails", "longName": "9954499 - Disclosure - Fair Value Measurements - Narrative (Details)", "shortName": "Fair Value Measurements - Narrative (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "53", "firstAnchor": { "contextRef": "c-13", "name": "aomr:NonRecourseDebtAmortizedCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-7", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "aomr:NonRecourseDebtAmortizedCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-7", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R54": { "role": "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails", "longName": "9954500 - Disclosure - Related Party Transactions - Schedule of Related Party Transactions (Details)", "shortName": "Related Party Transactions - Schedule of Related Party Transactions (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "54", "firstAnchor": { "contextRef": "c-304", "name": "us-gaap:RelatedPartyTransactionPurchasesFromRelatedParty", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRelatedPartyTransactionsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-304", "name": "us-gaap:RelatedPartyTransactionPurchasesFromRelatedParty", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRelatedPartyTransactionsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R55": { "role": "http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails", "longName": "9954501 - Disclosure - Related Party Transactions - Narrative (Details)", "shortName": "Related Party Transactions - Narrative (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "55", "firstAnchor": { "contextRef": "c-308", "name": "aomr:RelatedPartyAnnualFixedManagementFee", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-308", "name": "aomr:RelatedPartyAnnualFixedManagementFee", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R56": { "role": "http://angeloakms.com/role/CommitmentandContingenciesDetails", "longName": "9954502 - Disclosure - Commitment and Contingencies (Details)", "shortName": "Commitment and Contingencies (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "56", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:UnrecordedUnconditionalPurchaseObligationBalanceSheetAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["ix:continuation", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:UnrecordedUnconditionalPurchaseObligationBalanceSheetAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["ix:continuation", "span", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R57": { "role": "http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails", "longName": "9954503 - Disclosure - Accumulated Other Comprehensive Income/(Loss) (Details)", "shortName": "Accumulated Other Comprehensive Income/(Loss) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "57", "firstAnchor": { "contextRef": "c-36", "name": "us-gaap:StockholdersEquity", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-310", "name": "us-gaap:StockholdersEquity", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R58": { "role": "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails", "longName": "9954504 - Disclosure - Other Assets - Schedule of Other Assets (Details)", "shortName": "Other Assets - Schedule of Other Assets (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "58", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherAssetsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:DeferredTaxAssetsLiabilitiesNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherAssetsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R59": { "role": "http://angeloakms.com/role/OtherAssetsNarrativeDetails", "longName": "9954505 - Disclosure - Other Assets - Narrative (Details)", "shortName": "Other Assets - Narrative (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "59", "firstAnchor": { "contextRef": "c-322", "name": "us-gaap:AvailableForSaleDebtSecuritiesAmortizedCostBasis", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-322", "name": "us-gaap:AvailableForSaleDebtSecuritiesAmortizedCostBasis", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } }, "R60": { "role": "http://angeloakms.com/role/EquityDetails", "longName": "9954506 - Disclosure - Equity (Details)", "shortName": "Equity (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "60", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ProceedsFromIssuanceOfCommonStock", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-347", "name": "us-gaap:TreasuryStockSharesAcquired", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R61": { "role": "http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails", "longName": "9954507 - Disclosure - Earnings per Share (\u201cEPS\u201d) - Narrative (Details)", "shortName": "Earnings per Share (\u201cEPS\u201d) - Narrative (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "61", "firstAnchor": { "contextRef": "c-21", "name": "us-gaap:WeightedAverageNumberDilutedSharesOutstandingAdjustment", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-348", "name": "us-gaap:WeightedAverageNumberDilutedSharesOutstandingAdjustment", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R62": { "role": "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails", "longName": "9954508 - Disclosure - Equity and Earnings per Share (\"EPS\") - Calculation of Earnings per Share (Details)", "shortName": "Equity and Earnings per Share (\"EPS\") - Calculation of Earnings per Share (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "62", "firstAnchor": { "contextRef": "c-21", "name": "us-gaap:NetIncomeLossAvailableToCommonStockholdersBasic", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-21", "name": "us-gaap:UndistributedEarningsLossAllocatedToParticipatingSecuritiesBasic", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "unique": true } }, "R63": { "role": "http://angeloakms.com/role/SubsequentEventsDetails", "longName": "9954509 - Disclosure - Subsequent Events (Details)", "shortName": "Subsequent Events (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "63", "firstAnchor": { "contextRef": "c-358", "name": "us-gaap:CommonStockDividendsPerShareDeclared", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-358", "name": "us-gaap:CommonStockDividendsPerShareDeclared", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "aomr-20240930.htm", "first": true, "unique": true } } }, "tag": { "aomr_A9.500UnsecuredSeniorNotesDue2029Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "A9.500UnsecuredSeniorNotesDue2029Member", "presentation": ["http://angeloakms.com/role/Cover", "http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "9.500% Senior Notes Due 2029", "verboseLabel": "9.500% Unsecured Senior Notes Due 2029", "label": "9.500% Unsecured Senior Notes Due 2029 [Member]", "documentation": "9.500% Unsecured Senior Notes Due 2029" } } }, "auth_ref": [] }, "us-gaap_AOCIAttributableToParentNetOfTaxRollForward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AOCIAttributableToParentNetOfTaxRollForward", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails"], "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": [] }, "aomr_AOMT20231Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "AOMT20231Member", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "AOMT 2023-1", "label": "AOMT 2023-1 [Member]", "documentation": "AOMT 2023-1" } } }, "auth_ref": [] }, "aomr_AOMT20235Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "AOMT20235Member", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "AOMT 2023-5", "label": "AOMT 2023-5 [Member]", "documentation": "AOMT 2023-5" } } }, "auth_ref": [] }, "aomr_AOMT20237Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "AOMT20237Member", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "AOMT 2023-7", "label": "AOMT 2023-7 [Member]", "documentation": "AOMT 2023-7" } } }, "auth_ref": [] }, "aomr_AOMT20243Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "AOMT20243Member", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "AOMT 2024-3", "label": "AOMT 2024-3 [Member]", "documentation": "AOMT 2024-3" } } }, "auth_ref": [] }, "aomr_AOMT20246Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "AOMT20246Member", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "AOMT 2024-6", "label": "AOMT 2024-6 [Member]", "documentation": "AOMT 2024-6" } } }, "auth_ref": [] }, "aomr_ATMProgramMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ATMProgramMember", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "ATM Program", "label": "ATM Program [Member]", "documentation": "ATM Program" } } }, "auth_ref": [] }, "us-gaap_AccountsNotesAndLoansReceivableLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsNotesAndLoansReceivableLineItems", "presentation": ["http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounts, Notes, Loans and Financing Receivable [Line Items]", "label": "Accounts, Notes, Loans and Financing Receivable [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r233", "r861"] }, "us-

gaap_AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsNotesLoansAndFinancingReceivableByReceivableTypeAxis", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails", "http://angeloakms.com/role/OtherAssetsNarrativeDetails", "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails", "http://angeloakms.com/role/ResidentialMortgageLoansDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Receivable Type [Axis]", "label": "Receivable Type [Axis]", "documentation": "Information by type of receivable." } } }, "auth_ref": ["r74", "r80"] }, "us-gaap_AccretionExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccretionExpense", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 12.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Accretion of non-recourse securitized obligation discount", "label": "Accretion Expense", "documentation": "Amount recognized for the passage of time, typically for liabilities, that have been discounted to their net present values. Excludes accretion associated with asset retirement obligations." } } }, "auth_ref": ["r695", "r890"] }, "us-gaap_AccruedInvestmentIncomeReceivable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedInvestmentIncomeReceivable", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Principal and interest receivable", "label": "Accrued Investment Income Receivable", "documentation": "Interest, dividends, rents, ancillary and other revenues earned but not yet received by the entity on its investments." } } }, "auth_ref": ["r108", "r527", "r832"] }, "us-gaap_AccruedLiabilitiesCurrentAndNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedLiabilitiesCurrentAndNoncurrent", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Accrued expenses", "label": "Accrued Liabilities", "documentation": "Carrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities." } } }, "auth_ref": ["r113"] }, "us-gaap_AccumulatedNetUnrealizedInvestmentGainLossMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedNetUnrealizedInvestmentGainLossMember", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net unrealized gain/(loss) on AFS securities", "label": "AOCI, Accumulated Gain (Loss), Debt Securities, Available-for-Sale, Parent [Member]", "documentation": "Accumulated unrealized gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), attributable to parent." } } }, "auth_ref": ["r151", "r152", "r153", "r154", "r161", "r162", "r833"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossLineItems", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails"], "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": ["r160", "r161", "r446", "r448", "r449", "r450", "r451", "r452"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated other comprehensive income (loss)", "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": ["r12", "r13", "r82", "r147", "r523", "r542", "r543"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossTable", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails"], "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": ["r160", "r161", "r446", "r448", "r449", "r450", "r451", "r452"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive (Loss) Income", "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": ["r1", "r6", "r13", "r414", "r417", "r458", "r538", "r539", "r833", "r834", "r835", "r848", "r849", "r850", "r851"] }, "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": ["r767"] }, "us-gaap_AdditionalPaidInCapital": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapital", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "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": ["r75", "r717", "r957"] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Additional Paid-in Capital", "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": ["r555", "r848", "r849", "r850", "r851", "r907", "r959"] }, "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": ["r780"] }, "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": ["r780"] }, "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": ["r780"] }, "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": ["r780"] }, "us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Adjustments to reconcile net (loss) income to net cash used in operating activities:", "label": "Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract]" } } }, "auth_ref": [] }, "srt_AffiliatedEntityMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "AffiliatedEntityMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss", "http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Affiliates", "label": "Affiliated Entity [Member]" } } }, "auth_ref": ["r606", "r677", "r723", "r902", "r933", "r934", "r935"] }, "aomr_AgencyWholePoolLoanSecuritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "AgencyWholePoolLoanSecuritiesMember", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Whole Pool Agency RMBS", "label": "Agency Whole Pool Loan Securities [Member]", "documentation": "Agency Whole Pool Loan Securities" } } }, "auth_ref": [] }, "ecd_AggtChngPnsnValInSummryCompstnTblForAplblYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtChngPnsnValInSummryCompstnTblForAplblYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "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": ["r813"] }, "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": ["r739", "r749", "r759", "r791"] }, "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": ["r742", "r752", "r762", "r794"] }, "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": ["r814"] }, "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": ["r780"] }, "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": ["r787"] }, "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": ["r743", "r753", "r763", "r787", "r795", "r799", "r807"] }, "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": ["r805"] }, "us-gaap_AllocatedShareBasedCompensationExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllocatedShareBasedCompensationExpense", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_NoninterestExpense", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Stock compensation", "label": "Share-Based Payment Arrangement, Expense", "documentation": "Amount of expense for award under

```
share-based payment arrangement. Excludes amount capitalized." } } }, "auth_ref": [ "r392", "r393" ] }, "dei_AmendmentFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AmendmentFlag", "presentation": [ "http://angeloakms.com/role/Cover" ], "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": [] }, "us-gaap_AmortizationOfDebtDiscountPremium": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AmortizationOfDebtDiscountPremium", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 15.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Net amortization of premiums and discounts on mortgage loans", "label": "Amortization of Debt Discount (Premium)", "documentation": "Amount of noncash expense included in interest expense to amortize debt discount and premium associated with the related debt instruments. Excludes amortization of financing costs. Alternate captions include noncash interest expense." } } }, "auth_ref": [ "r5", "r86", "r333", "r930" ] }, "us-gaap_AmortizationOfFinancingCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AmortizationOfFinancingCosts", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 14.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Amortization of debt issuance costs", "label": "Amortization of Debt Issuance Costs", "documentation": "Amount of amortization expense attributable to debt issuance costs." } } }, "auth_ref": [ "r86", "r333", "r841", "r930" ] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "presentation": [ "http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive securities excluded from computation of earnings per share (shares)", "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": [ "r211" ] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis", "presentation": [ "http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities [Axis]", "label": "Antidilutive Securities [Axis]", "documentation": "Information by type of antidilutive security." } } }, "auth_ref": [ "r23" ] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems", "presentation": [ "http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails", "http://angeloakms.com/role/EquityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items]", "label": "Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_AntidilutiveSecuritiesNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesNameDomain", "presentation": [ "http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails" ], "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": [ "r23" ] }, "us-gaap_AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetBackedSecuritiesSecuritizedLoansAndReceivablesMember", "presentation": [ "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Loan Securitization Transactions", "label": "Asset-Backed Securities, Securitized Loans and Receivables [Member]", "documentation": "Securities that are primarily serviced with cash flows derived financial assets that are being securitized for example, but not limited to, credit card receivables, car loans, recreational vehicle loans, and mobile home loans. Excludes mortgage-backed securities." } } }, "auth_ref": [ "r871", "r877", "r878", "r901" ] }, "us-gaap_Assets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "totalLabel": "Total assets", "label": "Assets", "documentation": "Amount of asset recognized for present right to economic benefit." } } }, "auth_ref": [ "r109", "r128", "r143", "r175", "r215", "r219", "r225", "r228", "r270", "r300", "r301", "r303", "r304", "r305", "r306", "r307", "r309", "r310", "r407", "r409", "r445", "r520", "r599", "r689", "r690", "r717", "r730", "r895", "r896", "r936" ] }, "us-gaap_AssetsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsAbstract", "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "terseLabel": "ASSETS", "label": "Assets [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AssetsFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsFairValueDisclosure", "crdr": "debit", "calculation": { "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Total assets, at fair value", "label": "Assets, Fair Value Disclosure", "documentation": "Fair value portion of asset recognized for present right to economic benefit." } } }, "auth_ref": [ "r425", "r426", "r707" ] }, "us-gaap_AssetsFairValueDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsFairValueDisclosureAbstract", "presentation": [ "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Assets, at fair value", "label": "Assets, Fair Value Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AssetsSoldUnderAgreementsToRepurchaseAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsSoldUnderAgreementsToRepurchaseAxis", "presentation": [ "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Securities or Other Assets Sold under Agreements to Repurchase [Axis]", "label": "Securities or Other Assets Sold under Agreements to Repurchase [Axis]", "documentation": "Information by securities or other assets sold under repurchase agreements. Repurchase agreements are agreements under which the transferor (repo party) transfers a security to a transferee (repo counterparty or reverse party) in exchange for cash and concurrently agrees to reacquire that security at a future date for an amount equal to the cash exchanged plus a stipulated interest factor." } } }, "auth_ref": [ "r179" ] }, "us-gaap_AssetsSoldUnderAgreementsToRepurchaseInterestRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsSoldUnderAgreementsToRepurchaseInterestRate", "presentation": [ "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Weighted Average Interest Rate", "label": "Assets Sold under Agreements to Repurchase, Interest Rate", "documentation": "Interest rate on the amount to be repaid to the counterparty to the repurchase agreement when the carrying amount (or market value, if higher than the carrying amount) of securities or other assets sold under the repurchase agreement exceeds 10 percent of total assets." } } }, "auth_ref": [ "r178", "r489" ] }, "us-gaap_AssetsSoldUnderAgreementsToRepurchaseLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsSoldUnderAgreementsToRepurchaseLineItems", "presentation": [ "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Assets Sold under Agreements to Repurchase [Line Items]", "label": "Assets Sold under Agreements to Repurchase [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": [ "r179", "r489" ] }, "us-gaap_AssetsSoldUnderAgreementsToRepurchaseTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsSoldUnderAgreementsToRepurchaseTypeDomain", "presentation": [ "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Assets Sold under Agreements to Repurchase, Type [Domain]", "label": "Assets Sold under Agreements to Repurchase, Type [Domain]", "documentation": "This is the type of such assets (for example, US Treasury Obligations, US Government agency obligations and loans, and so forth). This item may be presented as an element in the table that is disclosed when the carrying amount (or market value, if higher than the carrying amount) of securities or other assets sold under repurchase agreements exceed 10 percent of total assets, as of the most recent balance sheet date." } } }, "auth_ref": [ "r179" ] }, "us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AvailableForSaleDebtSecuritiesAmortizedCostBasis", "crdr": "debit", "calculation": { "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails", "http://angeloakms.com/role/OtherAssetsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Cost of mortgage-backed securities", "totalLabel": "Amortized Cost", "label": "Debt Securities, Available-for-Sale, Amortized Cost", "documentation": "Amortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": [ "r241", "r279", "r518" ] }, "us-gaap_AvailableForSaleSecuritiesDebtSecurities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AvailableForSaleSecuritiesDebtSecurities", "crdr": "debit", "calculation": { "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails": { "parentTag": "aomr_DebtSecuritiesAvailableForSaleNetOfSecuritiesSoldUnderAgreementsToRepurchase", "weight": 1.0, "order": 1.0 }, "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails": { "parentTag": "us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis", "weight": 1.0, "order": 1.0 }, "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 2.0 }, "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails": { "parentTag": "us-gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 3.0 }, "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails": { "parentTag": "us-gaap_OtherAssets", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails", "http://angeloakms.com/role/OtherAssetsNarrativeDetails", "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "CMBS, at fair value", "verboseLabel": "Real Estate Securities at Fair Value", "netLabel": "Investments in securities", "label": "Debt Securities, Available-for-Sale", "documentation": "Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": [ "r242", "r279", "r425", "r510", "r707", "r709", "r863", "r911", "r912", "r913" ] }, "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": [ "r802" ] }, "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": [ "r803" ] }, "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": [ "r798" ] }, "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": [ "r798" ] },
```

```
"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": [ "r798" ] }, "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": [ "r798" ] }, "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": [ "r798" ] }, "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": [ "r798" ] }, "us-gaap_AwardTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AwardTypeAxis", "presentation": [ "http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Award Type [Axis]", "label": "Award Type [Axis]", "documentation": "Information by type of award under share-based payment arrangement." } } }, "auth_ref": [ "r366", "r367", "r368", "r369", "r370", "r371", "r372", "r373", "r374", "r375", "r376", "r377", "r378", "r379", "r380", "r381", "r382", "r383", "r384", "r385", "r386", "r387", "r388", "r389", "r390", "r391" ] }, "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": [ "r801" ] }, "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": [ "r800" ] }, "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": [ "r799" ] }, "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": [ "r799" ] }, "us-gaap_BalanceSheetLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationAxis", "presentation": [ "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseNarrativeDetails" ], "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": [ "r290", "r953", "r954" ] }, "us-gaap_BalanceSheetLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationDomain", "presentation": [ "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseNarrativeDetails" ], "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": [ "r45", "r48", "r290", "r953", "r954" ] }, "us-gaap_BankingAndThriftInterestAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BankingAndThriftInterestAbstract", "lang": { "en-us": { "role": { "label": "Banking and Thrift, Interest [Abstract]" } } }, "auth_ref": [] }, "us-gaap_BasisOfAccountingPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BasisOfAccountingPolicyPolicyTextBlock", "presentation": [ "http://angeloakms.com/role/OrganizationandBasisofPresentationPolicies" ], "lang": { "en-us": { "role": { "terseLabel": "The Operating Partnership", "label": "Basis of Accounting, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS)." } } }, "auth_ref": [] }, "us-gaap_BondsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BondsMember", "presentation": [ "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Bonds", "label": "Bonds [Member]", "documentation": "Debt security, in which the authorized issuer owes the holder a debt and is obliged to repay the principal and interest (the coupon)." } } }, "auth_ref": [] }, "srt_BrokersAndDealersAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "BrokersAndDealersAbstract", "lang": { "en-us": { "role": { "label": "Broker-Dealer [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CarryingReportedAmountFairValueDisclosureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CarryingReportedAmountFairValueDisclosureMember", "presentation": [ "http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Amortized Cost", "label": "Reported Value Measurement [Member]", "documentation": "Measured as reported on the statement of financial position (balance sheet)." } } }, "auth_ref": [ "r55", "r56" ] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 7.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "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": [ "r20", "r141", "r680" ] }, "us-gaap_CashAndCashEquivalentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsMember", "presentation": [ "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Restricted Cash", "label": "Cash and Cash Equivalents [Member]", "documentation": "Currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "periodStartLabel": "CASH, CASH EQUIVALENTS, AND RESTRICTED CASH, beginning of period", "periodEndLabel": "CASH, CASH EQUIVALENTS, AND RESTRICTED CASH, end of period", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [ "r20", "r89", "r172" ] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "totalLabel": "CHANGE 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": [ "r0", "r89" ] }, "aomr_ChangeInUnrealizedAppreciationDepreciationOnDerivativeInstrumentsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ChangeInUnrealizedAppreciationDepreciationOnDerivativeInstrumentsNet", "crdr": "credit", "presentation": [ "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments", "label": "Change in Unrealized Appreciation (Depreciation) on Derivative Instruments, Net", "documentation": "Change in Unrealized Appreciation (Depreciation) on Derivative Instruments, Net" } } }, "auth_ref": [] }, "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": [ "r778" ] }, "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": [ "r775" ] }, "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": [ "r773" ] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": [ "http://angeloakms.com/role/Cover" ], "lang": { "en-us": { "role": { "terseLabel": "City Area Code", "label": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "us-gaap_ClassOfStockDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfStockDomain", "presentation": [ "http://angeloakms.com/role/Cover" ], "lang": { "en-us": { "role": { "terseLabel": "Class of Stock [Domain]", "label": "Class of Stock [Domain]", "documentation": "Share of stock differentiated by the voting rights the holder receives. Examples include, but are not limited to, common stock, redeemable preferred stock, nonredeemable preferred stock, and convertible stock." } } }, "auth_ref": [ "r137", "r144", "r145", "r146", "r175", "r201", "r202", "r206", "r210", "r217", "r218", "r270", "r300", "r303", "r304", "r305", "r309", "r310", "r341", "r342", "r345", "r348", "r355", "r445", "r546", "r547", "r548", "r549", "r555", "r556", "r557", "r558", "r559", "r560", "r561", "r562", "r563", "r564", "r565", "r566", "r585", "r608", "r630", "r669", "r670", "r671", "r672", "r673", "r818", "r843", "r852" ] }, "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": [ "r779" ] }, "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": [ "r779" ] }, "us-gaap_CollateralAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CollateralAxis", "presentation": [ "http://angeloakms.com/role/FinancingNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Collateral Held [Axis]", "label": "Collateral Held [Axis]", "documentation": "Information by category of collateral or no collateral, from lender's perspective." } } }, "auth_ref": [ "r692" ] }, "us-gaap_CollateralDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CollateralDomain", "presentation": [ "http://angeloakms.com/role/FinancingNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Collateral Held [Domain]", "label": "Collateral Held [Domain]", "documentation": "Category of collateral or no collateral, from lender's perspective." } } }, "auth_ref": [] }, "us-gaap_CollateralPledgedMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CollateralPledgedMember", "presentation": [ "http://angeloakms.com/role/FinancingNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Collateral Pledged", "label": "Collateral Pledged [Member]", "documentation": "Pledge of specific property to serve as protection against default." } } }, "auth_ref": [] }, "us-gaap_CommercialMortgageBackedSecuritiesMember":
```

{ "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommercialMortgageBackedSecuritiesMember", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails", "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "CMBS, at fair value", "label": "Commercial Mortgage-Backed Securities [Member]", "documentation": "Securities collateralized by commercial real estate mortgage loans." } } }, "auth_ref": ["r707", "r708", "r709", "r871", "r877", "r878", "r901"] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Commitments and Contingencies Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureTextBlock", "presentation": ["http://angeloakms.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": ["r96", "r291", "r293", "r676", "r885", "r891"] }, "us-gaap_CommonStockCapitalSharesReservedForFutureIssuance": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockCapitalSharesReservedForFutureIssuance", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, capital shares reserved for future issuance (in shares)", "label": "Common Stock, Capital Shares Reserved for Future Issuance", "documentation": "Aggregate number of common shares reserved for future issuance." } } }, "auth_ref": ["r73"] }, "us-gaap_CommonStockDividendsPerShareDeclared": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockDividendsPerShareDeclared", "presentation": ["http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Dividends declared per share of common stock (USD per share)", "label": "Common Stock, Dividends, Per Share, Declared", "documentation": "Aggregate dividends declared during the period for each share of common stock outstanding." } } }, "auth_ref": ["r101"] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity", "http://angeloakms.com/role/Cover"], "lang": { "en-us": { "role": { "verboseLabel": "Common Stock", "terseLabel": "Common Stock at Par", "label": "Common Stock [Member]", "documentation": "Stock that is subordinate to all other stock of the issuer." } } }, "auth_ref": ["r720", "r721", "r722", "r724", "r725", "r726", "r727", "r848", "r849", "r851", "r907", "r955", "r959"] }, "us-gaap_CommonStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockParOrStatedValuePerShare", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, par value (USD per share)", "label": "Common Stock, Par or Stated Value Per Share", "documentation": "Face amount or stated value per share of common stock." } } }, "auth_ref": ["r73"] }, "us-gaap_CommonStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorized", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common stock authorized (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": ["r73", "r585"] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common stock issued (shares)", "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": ["r73"] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common stock outstanding (shares)", "label": "Common Stock, Shares, Outstanding", "documentation": "Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation." } } }, "auth_ref": ["r7", "r73", "r585", "r605", "r959", "r960"] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Common stock, $0.01 par value. As of September\u00a030, 2024: 350,000,000 shares authorized, 23,511,272 shares issued and outstanding. As of December\u00a031, 2023: 350,000,000 shares authorized, 24,965,274 shares issued and outstanding.", "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": ["r73", "r522", "r717"] }, "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": ["r784"] }, "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": ["r783"] }, "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": ["r785"] }, "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": ["r782"] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "TOTAL COMPREHENSIVE INCOME (LOSS)", "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": ["r14", "r157", "r159", "r164", "r513", "r532", "r533"] }, "us-gaap_ComprehensiveIncomeNoteTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNoteTextBlock", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Income/(Loss)", "label": "Comprehensive Income (Loss) Note [Text Block]", "documentation": "The entire disclosure for comprehensive income, which includes, but is not limited to, 1) the amount of income tax expense or benefit allocated to each component of other comprehensive income, including reclassification adjustments, 2) the reclassification adjustments for each classification of other comprehensive income and 3) the ending accumulated balances for each component of comprehensive income." } } }, "auth_ref": ["r81", "r163", "r512", "r530"] }, "srt_ConsolidatedEntitiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidatedEntitiesAxis", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Consolidated Entities [Axis]", "label": "Consolidated Entities [Axis]" } } }, "auth_ref": ["r182", "r407", "r408", "r409", "r410", "r466", "r677", "r894", "r897", "r898"] }, "srt_ConsolidatedEntitiesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidatedEntitiesDomain", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Consolidated Entities [Domain]", "label": "Consolidated Entities [Domain]" } } }, "auth_ref": ["r182", "r407", "r408", "r409", "r410", "r466", "r677", "r894", "r897", "r898"] }, "srt_ConsolidationEliminationsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationEliminationsMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Eliminations", "label": "Consolidation, Eliminations [Member]" } } }, "auth_ref": [] }, "srt_ConsolidationItemsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsAxis", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Consolidation Items [Axis]", "label": "Consolidation Items [Axis]" } } }, "auth_ref": ["r126", "r182", "r215", "r220", "r223", "r224", "r225", "r226", "r227", "r228", "r229", "r230", "r300", "r301", "r302", "r303", "r305", "r306", "r307", "r308", "r309", "r689", "r690", "r895", "r896"] }, "srt_ConsolidationItemsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsDomain", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Consolidation Items [Domain]", "label": "Consolidation Items [Domain]" } } }, "auth_ref": ["r126", "r182", "r215", "r220", "r223", "r224", "r225", "r226", "r227", "r228", "r229", "r230", "r300", "r301", "r302", "r303", "r305", "r306", "r307", "r308", "r309", "r689", "r690", "r895", "r896"] }, "us-gaap_ConsolidationPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConsolidationPolicyTextBlock", "presentation": ["http://angeloakms.com/role/OrganizationandBasisofPresentationPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Interim Financial Statements", "label": "Consolidation, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary." } } }, "auth_ref": ["r33", "r684"] }, "srt_CounterpartyNameAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "CounterpartyNameAxis", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Counterparty Name [Axis]", "label": "Counterparty Name [Axis]" } } }, "auth_ref": ["r180", "r181", "r315", "r343", "r464", "r490", "r517", "r681", "r683"] }, "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://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "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": ["r299", "r892"] }, "us-gaap_CreditFacilityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityDomain", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "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": ["r299", "r892", "r893"] }, "dei_CurrentFiscalYearEndDate": { "xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": ["http://angeloakms.com/role/Cover"], "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_DebtDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureTextBlock", "presentation": [

"http://angeloakms.com/role/Financing"], "lang": { "en-us": { "role": { "terseLabel": "Financing", "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": ["r97", "r173", "r285", "r286", "r287", "r288", "r289", "r298", "r299", "r311", "r317", "r318", "r319", "r320", "r321", "r322", "r327", "r334", "r335", "r337", "r454"] }, "us-gaap_DebtInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentAxis", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "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": ["r11", "r63", "r64", "r111", "r114", "r182", "r312", "r313", "r314", "r315", "r316", "r318", "r323", "r324", "r325", "r326", "r328", "r329", "r330", "r331", "r332", "r333", "r696", "r697", "r698", "r699", "r700", "r716", "r844", "r886", "r887", "r888", "r929", "r931"] }, "aomr_DebtInstrumentBasisPointIndexSpreadAdjustment": { "xbrltype": "percentItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "DebtInstrumentBasisPointIndexSpreadAdjustment", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Basis point index spread adjustment", "label": "Debt Instrument, Basis Point Index Spread Adjustment", "documentation": "Debt Instrument, Basis Point Index Spread Adjustment" } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentBasisSpreadOnVariableRate1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentBasisSpreadOnVariableRate1", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Interest Rate Pricing Spread", "label": "Debt Instrument, Basis Spread on Variable Rate", "documentation": "Percentage points added to the reference rate to compute the variable rate on the debt instrument." } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentFaceAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentFaceAmount", "crdr": "credit", "presentation": ["http://angeloakms.com/role/EquityDetails", "http://angeloakms.com/role/FinancingNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Face amount of debt", "label": "Debt Instrument, Face Amount", "documentation": "Face (par) amount of debt instrument at time of issuance." } } }, "auth_ref": ["r312", "r454", "r455", "r697", "r698", "r716"] }, "us-gaap_DebtInstrumentInterestRateStatedPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentInterestRateStatedPercentage", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Stated interest rate", "label": "Debt Instrument, Interest Rate, Stated Percentage", "documentation": "Contractual interest rate for funds borrowed, under the debt agreement." } } }, "auth_ref": ["r66", "r313"] }, "us-gaap_DebtInstrumentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentLineItems", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails", "http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument [Line Items]", "label": "Debt Instrument [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r182", "r312", "r313", "r314", "r315", "r316", "r318", "r323", "r324", "r325", "r326", "r328", "r329", "r330", "r331", "r332", "r333", "r336", "r696", "r697", "r698", "r699", "r700", "r716", "r844", "r929", "r931"] }, "us-gaap_DebtInstrumentNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentNameDomain", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "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": ["r11", "r182", "r312", "r313", "r314", "r315", "r316", "r318", "r323", "r324", "r325", "r326", "r328", "r329", "r330", "r331", "r332", "r333", "r696", "r697", "r698", "r699", "r700", "r716", "r844", "r886", "r887", "r888", "r929", "r931"] }, "us-gaap_DebtInstrumentRedemptionPeriodAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPeriodAxis", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Redemption, Period [Axis]", "label": "Debt Instrument, Redemption, Period [Axis]", "documentation": "Information by period of debt redemption feature under terms of debt agreement." } } }, "auth_ref": ["r125"] }, "us-gaap_DebtInstrumentRedemptionPeriodDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPeriodDomain", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Redemption, Period [Domain]", "label": "Debt Instrument, Redemption, Period [Domain]", "documentation": "Period as defined under terms of the debt agreement for debt redemption features." } } }, "auth_ref": ["r125"] }, "us-gaap_DebtInstrumentRedemptionPeriodOneMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPeriodOneMember", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Redemption, Period One", "label": "Debt Instrument, Redemption, Period One [Member]", "documentation": "Period one representing most current period of debt redemption features under terms of the debt agreement." } } }, "auth_ref": ["r125"] }, "us-gaap_DebtInstrumentRedemptionPeriodTwoMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPeriodTwoMember", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Redemption, Period Two", "label": "Debt Instrument, Redemption, Period Two [Member]", "documentation": "Period two representing second most current period of debt redemption features under terms of the debt agreement." } } }, "auth_ref": ["r125"] }, "us-gaap_DebtInstrumentRedemptionPricePercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRedemptionPricePercentage", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt instrument, redemption price, percentage", "label": "Debt Instrument, Redemption Price, Percentage", "documentation": "Percentage price of original principal amount of debt at which debt can be redeemed by the issuer." } } }, "auth_ref": ["r125"] }, "aomr_DebtInstrumentRenewalTerm": { "xbrltype": "durationItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "DebtInstrumentRenewalTerm", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Renewal period", "label": "Debt Instrument, Renewal Term", "documentation": "Debt Instrument, Renewal Term" } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentTable", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails", "http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails"], "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": ["r11", "r28", "r29", "r61", "r99", "r100", "r182", "r312", "r313", "r314", "r315", "r316", "r318", "r323", "r324", "r325", "r326", "r328", "r329", "r330", "r331", "r332", "r333", "r336", "r696", "r697", "r698", "r699", "r700", "r716", "r844", "r929", "r931"] }, "us-gaap_DebtSecuritiesAvailableForSaleAccumulatedGrossUnrealizedGainLossBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleAccumulatedGrossUnrealizedGainLossBeforeTax", "crdr": "credit", "calculation": { "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails": { "parentTag": "us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unrealized Gain/(Loss)", "label": "Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Gain (Loss), before Tax", "documentation": "Amount, before tax, of unrealized gain (loss) in accumulated other comprehensive income (AOCI) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r868", "r869"] }, "aomr_DebtSecuritiesAvailableForSaleAndSecuritiesSoldUnderAgreementsToRepurchaseTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "DebtSecuritiesAvailableForSaleAndSecuritiesSoldUnderAgreementsToRepurchaseTableTextBlock", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Investments in RMBS and CMBS at Fair Value", "label": "Debt Securities, Available-for-sale and Securities Sold Under Agreements to Repurchase [Table Text Block]", "documentation": "Debt Securities, Available-for-sale and Securities Sold Under Agreements to Repurchase" } } }, "auth_ref": [] }, "aomr_DebtSecuritiesAvailableForSaleFaceValue": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "DebtSecuritiesAvailableForSaleFaceValue", "crdr": "debit", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Face Value", "label": "Debt Securities, Available-for-sale, Face Value", "documentation": "Debt Securities, Available-for-sale, Face Value" } } }, "auth_ref": [] }, "aomr_DebtSecuritiesAvailableForSaleNetOfSecuritiesSoldUnderAgreementsToRepurchase": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "DebtSecuritiesAvailableForSaleNetOfSecuritiesSoldUnderAgreementsToRepurchase", "crdr": "debit", "calculation": { "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "totalLabel": "Allocated Capital", "label": "Debt Securities, Available for Sale, Net of Securities Sold under Agreements to Repurchase", "documentation": "Debt Securities, Available for Sale, Net of Securities Sold under Agreements to Repurchase" } } }, "auth_ref": [] }, "us-gaap_DebtSecuritiesAvailableForSalePurchasedWithCreditDeteriorationDiscountPremium": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSalePurchasedWithCreditDeteriorationDiscountPremium", "crdr": "credit", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unamortized Discount, net", "label": "Debt Securities, Available-for-Sale, Purchased with Credit Deterioration, Discount (Premium)", "documentation": "Amount of discount (premium) attributable to other factors on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), purchased with credit deterioration." } } }, "auth_ref": ["r280"] }, "us-gaap_DebtSecuritiesAvailableForSaleTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleTable", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Securities, Available-for-sale [Table]", "label": "Debt Securities, Available-for-Sale [Table]", "documentation": "Disclosure of information about investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r240", "r241", "r242", "r243", "r244", "r245", "r246", "r247", "r248", "r249", "r250", "r251"] }, "us-gaap_DebtSecuritiesAvailableForSaleTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleTableTextBlock", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Investments Securities at Cost", "label": "Debt Securities, Available-for-Sale [Table Text Block]", "documentation": "Tabular disclosure of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r865", "r866", "r867", "r868", "r869", "r870", "r871", "r872", "r873", "r874", "r875", "r879"] }, "us-gaap_DebtSecuritiesAvailableForSaleWeightedAverageYield": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleWeightedAverageYield", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Effective Yield", "label": "Debt Securities, Available-for-Sale, Weighted Average Yield", "documentation": "Weighted average yield of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r827"] }, "us-gaap_DebtWeightedAverageInterestRate": {

```
"xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtWeightedAverageInterestRate", "presentation": [
"http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Weighted average
fixed rate for Non-recourse securitization obligation issued", "label": "Debt, Weighted Average Interest Rate", "documentation": "Weighted average interest rate of
debt outstanding." } } }, "auth_ref": [] }, "us-gaap_DeferredCostsCapitalizedPrepaidAndOtherAssetsDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DeferredCostsCapitalizedPrepaidAndOtherAssetsDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Deferred
Costs, Capitalized, Prepaid, and Other Assets Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DeferredFinanceCostsNet": { "xbrltype": "monetaryItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredFinanceCostsNet", "crdr": "debit", "presentation": [
"http://angeloakms.com/role/FinancingNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Debt issuance costs, net", "label": "Debt Issuance Costs, Net",
"documentation": "Amount, after accumulated amortization, of debt issuance costs. Includes, but is not limited to, legal, accounting, underwriting, printing, and
registration costs." } } }, "auth_ref": [ "r900", "r928", "r929", "r931" ] }, "us-gaap_DeferredTaxAssetsLiabilitiesNet": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsLiabilitiesNet", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails": { "parentTag": "us-gaap_OtherAssets", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Deferred tax asset", "label": "Deferred Tax
Assets, Net", "documentation": "Amount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences
and carryforwards, without jurisdictional netting." } } }, "auth_ref": [ "r903" ] }, "us-gaap_DepreciationAmortizationAndAccretionNet": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepreciationAmortizationAndAccretionNet", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0,
"order": 10.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel":
"Accretion of discount on U.S. Treasury securities", "label": "Depreciation, Amortization and Accretion, Net", "documentation": "The aggregate net amount of
depreciation, amortization, and accretion recognized during an accounting period. As a noncash item, the net amount is added back to net income when calculating
cash provided by or used in operations using the indirect method." } } }, "auth_ref": [ "r5" ] }, "us-gaap_DerivativeAssets": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DerivativeAssets", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets":
{ "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails" ], "lang": {
"en-us": { "role": { "verboseLabel": "Unrealized appreciation on TBAs and interest rate futures contracts - at fair value", "terseLabel": "Assets", "label": "Derivative
Asset", "documentation": "Fair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional
amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes assets not subject to a
master netting arrangement and not elected to be offset." } } }, "auth_ref": [ "r149", "r150", "r425", "r426", "r434", "r444", "r567", "r568", "r569", "r570", "r571",
"r572", "r573", "r574", "r575", "r576", "r591", "r592", "r648", "r654", "r655", "r656", "r657", "r658", "r683", "r707", "r709", "r722", "r911", "r912", "r913", "r956" ] },
"us-gaap_DerivativeContractTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeContractTypeDomain",
"presentation": [ "http://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails" ], "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": [ "r574", "r576", "r590", "r591", "r592", "r594", "r595", "r596", "r597", "r600", "r601", "r602", "r603", "r618", "r619", "r620", "r621", "r624", "r625",
"r626", "r627", "r648", "r650", "r655", "r657", "r720", "r722", "r914", "r915", "r916", "r917", "r918", "r919", "r921", "r922" ] }, "us-
gaap_DerivativeInstrumentRiskAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentRiskAxis",
"presentation": [ "http://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Derivative Instrument [Axis]", "label": "Derivative Instrument [Axis]", "documentation": "Information by type of derivative contract." } } }, "auth_ref": [
"r46", "r49", "r51", "r105", "r574", "r576", "r590", "r591", "r592", "r594", "r595", "r596", "r597", "r600", "r601", "r602", "r603", "r618", "r619", "r620", "r621", "r624",
"r625", "r626", "r627", "r648", "r650", "r655", "r657", "r683", "r720", "r722", "r914", "r915", "r916", "r917", "r918", "r919", "r921", "r922" ] }, "us-
gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Derivative Instruments and Hedging Activities Disclosure
[Abstract]" } } }, "auth_ref": [] }, "us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "presentation": [
"http://angeloakms.com/role/DerivativeFinancialInstruments" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Financial Instruments", "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": [ "r104", "r412", "r419" ] }, "us-gaap_DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet",
"crdr": "credit", "presentation": [ "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Net Realized Gains (Losses) on Derivative Instruments", "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": [ "r50", "r819" ] }, "us-gaap_DerivativeLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "DerivativeLiabilities", "crdr": "credit", "presentation": [
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Liabilities", "label": "Derivative Liability", "documentation": "Fair value, after the effects of master netting arrangements, of a
financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the
contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": [ "r149", "r150",
"r425", "r426", "r434", "r444", "r567", "r568", "r569", "r570", "r572", "r573", "r574", "r575", "r576", "r600", "r602", "r603", "r650", "r651", "r654", "r655", "r656",
"r657", "r658", "r683", "r911", "r912", "r913", "r956" ] }, "us-gaap_DerivativeLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "DerivativeLineItems", "presentation": [ "http://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails" ], "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": [ "r419" ] }, "us-
gaap_DerivativeNotionalAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeNotionalAmount",
"presentation": [
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Notional Amounts", "label": "Derivative, Notional Amount", "documentation": "Nominal or face amount used to calculate payment
on derivative." } } }, "auth_ref": [ "r904", "r905" ] }, "us-gaap_DerivativeNumberOfInstrumentsHeld": { "xbrltype": "integerItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "DerivativeNumberOfInstrumentsHeld", "presentation": [
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Number of Contracts", "label": "Derivative, Number of Instruments Held", "documentation": "The number of derivative instruments
of a particular group held by the entity." } } }, "auth_ref": [ "r42", "r43", "r575", "r648", "r649", "r653", "r722" ] }, "us-gaap_DerivativeTable": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeTable", "presentation": [
"http://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails" ], "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": [ "r8", "r40", "r41", "r43", "r44", "r47", "r49", "r52", "r53", "r54", "r419" ] }, "us-gaap_DividendsCommonStockCash": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsCommonStockCash", "crdr": "debit", "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Dividends paid
on common stock", "label": "Dividends, Common Stock, Cash", "documentation": "Amount of paid and unpaid common stock dividends declared with the form of
settlement in cash." } } }, "auth_ref": [ "r101" ] }, "dei_DocumentFiscalPeriodFocus": { "xbrltype": "fiscalPeriodItemType", "nsuri": "http://xbrl.sec.gov/dei/2024",
"localname": "DocumentFiscalPeriodFocus", "presentation": [ "http://angeloakms.com/role/Cover" ], "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://angeloakms.com/role/Cover" ], "lang": { "en-us": { "role": { "terseLabel": "Document Fiscal Year Focus", "label": "Document Fiscal Year Focus",
"documentation": "This is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior
periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006." } } }, "auth_ref": [] }, "dei_DocumentInformationLineItems": { "xbrltype":
"stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentInformationLineItems", "presentation": [ "http://angeloakms.com/role/Cover" ],
"lang": { "en-us": { "role": { "terseLabel": "Document Information [Line Items]", "label": "Document Information [Line Items]", "documentation": "Line items
represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many
axes to the table." } } }, "auth_ref": [] }, "dei_DocumentInformationTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname":
"DocumentInformationTable", "presentation": [ "http://angeloakms.com/role/Cover" ], "lang": { "en-us": { "role": { "terseLabel": "Document Information [Table]",
"label": "Document Information [Table]", "documentation": "Container to support the formal attachment of each official or unofficial, public or private document as
part of a submission package." } } }, "auth_ref": [] }, "dei_DocumentPeriodEndDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024",
"localname": "DocumentPeriodEndDate", "presentation": [ "http://angeloakms.com/role/Cover" ], "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://angeloakms.com/role/Cover" ], "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": [ "r734" ] },
"dei_DocumentTransitionReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentTransitionReport", "presentation":
[ "http://angeloakms.com/role/Cover" ], "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": [ "r766" ] }, "dei_DocumentType": { "xbrltype":
"submissionTypeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentType", "presentation": [ "http://angeloakms.com/role/Cover" ], "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_DueToAndFromBrokerDealersAndClearingOrganizationsDisclosure": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DueToAndFromBrokerDealersAndClearingOrganizationsDisclosure", "presentation": ["http://angeloakms.com/role/DuetoBroker"], "lang": { "en-us": { "role": { "terseLabel": "Due to Broker", "label": "Due to and from Broker-Dealers and Clearing Organizations Disclosure [Text Block]", "documentation": "The entire disclosure for Due to and from Broker-Dealers and Clearing Organizations, including data and tables. This may include amounts receivable from and payable to broker-dealers and clearing organizations, including securities failed to receive, deposits received for securities loaned, amounts payable to clearing organizations related to open transactions, floor brokerage payables and payables for commodities futures accounts liquidating to an equity balance on a broker-dealer's records." } } }, "auth_ref": ["r508"] }, "us-gaap_DueToCorrespondentBrokers": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DueToCorrespondentBrokers", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 8.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/DuetoBrokerDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Due to broker", "label": "Due to Correspondent Brokers", "documentation": "Amount payable to correspondent broker-dealer." } } }, "auth_ref": ["r944"] }, "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": ["r777"] }, "us-gaap_EarningsPerShareAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareAbstract", "lang": { "en-us": { "role": { "label": "Earnings Per Share [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareBasic": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasic", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss", "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Basic earnings (loss) per common share (USD per share)", "verboseLabel": "Basic earnings (loss) per common share (USD per share)", "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": ["r165", "r188", "r189", "r190", "r191", "r192", "r193", "r198", "r201", "r206", "r209", "r210", "r214", "r403", "r406", "r422", "r423", "r514", "r534", "r686"] }, "us-gaap_EarningsPerShareBasicAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasicAbstract", "presentation": ["http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Basic Earnings (Loss) per Common Share:", "label": "Earnings Per Share, Basic [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareDiluted": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareDiluted", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss", "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Diluted earnings (loss) per common share (USD per share)", "verboseLabel": "Diluted earnings (loss) per common share (USD per share)", "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": ["r165", "r188", "r189", "r190", "r191", "r192", "r193", "r201", "r206", "r209", "r210", "r214", "r403", "r406", "r422", "r423", "r514", "r534", "r686"] }, "us-gaap_EarningsPerShareDilutedAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareDilutedAbstract", "presentation": ["http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Diluted Earnings (Loss) per Common Share:", "label": "Earnings Per Share, Diluted [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareTextBlock", "presentation": ["http://angeloakms.com/role/EarningsperShareEPS"], "lang": { "en-us": { "role": { "terseLabel": "Earnings per Share (\u201cEPS\u201d)", "label": "Earnings Per Share [Text Block]", "documentation": "The entire disclosure for earnings per share." } } }, "auth_ref": ["r197", "r211", "r212", "r213"] }, "us-gaap_EmployeeStockOptionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOptionMember", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Employee Stock Option", "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": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://angeloakms.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Address Line One", "label": "Entity Address, Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine2": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine2", "presentation": ["http://angeloakms.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Address Line Two", "label": "Entity Address, Address Line Two", "documentation": "Address Line 2 such as Street or Suite number" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://angeloakms.com/role/Cover"], "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://angeloakms.com/role/Cover"], "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://angeloakms.com/role/Cover"], "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://angeloakms.com/role/Cover"], "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": ["r732"] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": ["http://angeloakms.com/role/Cover"], "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://angeloakms.com/role/Cover"], "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://angeloakms.com/role/Cover"], "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": ["r732"] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": ["http://angeloakms.com/role/Cover"], "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://angeloakms.com/role/Cover"], "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": ["r732"] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": ["http://angeloakms.com/role/Cover"], "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://angeloakms.com/role/Cover"], "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": ["r816"] }, "dei_EntityRegistrantName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityRegistrantName", "presentation": ["http://angeloakms.com/role/Cover"], "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": ["r732"] }, "dei_EntityShellCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityShellCompany", "presentation": ["http://angeloakms.com/role/Cover"], "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": ["r732"] }, "dei_EntitySmallBusiness": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitySmallBusiness", "presentation": ["http://angeloakms.com/role/Cover"], "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": ["r732"] }, "dei_EntityTaxIdentificationNumber": { "xbrltype": "employerIdItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTaxIdentificationNumber", "presentation": ["http://angeloakms.com/role/Cover"], "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": ["r732"] }, "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": ["r771"] }, "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": ["r812"] }, "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": ["r812"] }, "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": ["r812"] }, "us-gaap_EquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang":

{ "en-us": { "role": { "verboseLabel": "STOCKHOLDERS\u2019 EQUITY", "terseLabel": "Equity [Abstract]", "label": "Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EquityComponentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityComponentDomain", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails", "http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity"], "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": ["r7", "r139", "r160", "r161", "r162", "r183", "r184", "r185", "r187", "r192", "r194", "r196", "r216", "r271", "r272", "r284", "r356", "r397", "r398", "r400", "r401", "r402", "r404", "r405", "r406", "r413", "r414", "r415", "r416", "r417", "r418", "r421", "r446", "r448", "r449", "r450", "r451", "r452", "r456", "r457", "r458", "r530", "r538", "r539", "r540", "r555", "r630"] }, "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": ["r781"] }, "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": ["r739", "r749", "r759", "r791"] }, "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": ["r736", "r746", "r756", "r788"] }, "us-gaap_EstimateOfFairValueFairValueDisclosureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EstimateOfFairValueFairValueDisclosureMember", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value", "label": "Estimate of Fair Value Measurement [Member]", "documentation": "Measured as an estimate of fair value." } } }, "auth_ref": ["r325", "r444", "r697", "r698"] }, "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": ["r787"] }, "aomr_FairValueAdjustmentForResidentialMortgageLoansInSecuritizationTrusts": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FairValueAdjustmentForResidentialMortgageLoansInSecuritizationTrusts", "crdr": "debit", "calculation": { "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails": { "parentTag": "aomr_ResidentialMortgageLoansInSecuritizationTrustsAtFairValue", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair value adjustment for residential mortgage loans in securitization trusts", "label": "Fair Value Adjustment For Residential Mortgage Loans In Securitization Trusts", "documentation": "Fair Value Adjustment For Residential Mortgage Loans In Securitization Trusts" } } }, "auth_ref": [] }, "aomr_FairValueAdjustmentForThePortionOfNonRecourseSecuritizationObligationAtFairValueOption": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FairValueAdjustmentForThePortionOfNonRecourseSecuritizationObligationAtFairValueOption", "crdr": "credit", "calculation": { "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails": { "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair value adjustment for the portion of Non-recourse securitization obligation, at fair value option", "label": "Fair Value Adjustment For The Portion Of Non-recourse Securitization Obligation, At Fair Value Option", "documentation": "Fair Value Adjustment For The Portion Of Non-recourse Securitization Obligation, At Fair Value Option" } } }, "auth_ref": [] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "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": ["r425", "r426", "r434", "r707"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "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": ["r425", "r426", "r434", "r707"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesTableTextBlock", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Significant Level 3 Inputs", "label": "Fair Value Measurement Inputs and Valuation Techniques [Table Text Block]", "documentation": "Tabular disclosure of input and valuation technique used to measure fair value and change in valuation approach and technique for each separate class of asset and liability measured on recurring and nonrecurring basis." } } }, "auth_ref": ["r427", "r428", "r709"] }, "us-gaap_FairValueBalanceSheetGroupingFinancialStatementCaptionsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueBalanceSheetGroupingFinancialStatementCaptionsLineItems", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value, Balance Sheet Grouping, Financial Statement Captions [Line Items]", "label": "Fair Value, Balance Sheet Grouping, Financial Statement 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": [] }, "us-gaap_FairValueByBalanceSheetGroupingTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByBalanceSheetGroupingTable", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value, by Balance Sheet Grouping [Table]", "label": "Fair Value, by Balance Sheet Grouping [Table]", "documentation": "Disclosure of information about the fair value of financial instruments, including financial assets and financial liabilities, and the measurements of those instruments, assets, and liabilities." } } }, "auth_ref": ["r55", "r56"] }, "us-gaap_FairValueByBalanceSheetGroupingTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByBalanceSheetGroupingTextBlock", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Financial Assets and Liabilities Measured at Fair Value", "label": "Fair Value, by Balance Sheet Grouping [Table Text Block]", "documentation": "Tabular disclosure of the fair value of financial instruments, including financial assets and financial liabilities, and the measurements of those instruments, assets, and liabilities." } } }, "auth_ref": ["r55"] }, "us-gaap_FairValueByFairValueHierarchyLevelAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByFairValueHierarchyLevelAxis", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "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": ["r325", "r358", "r359", "r360", "r361", "r362", "r363", "r424", "r426", "r427", "r428", "r429", "r433", "r434", "r435", "r473", "r474", "r475", "r697", "r698", "r702", "r703", "r704", "r707", "r709"] }, "us-gaap_FairValueByMeasurementBasisAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByMeasurementBasisAxis", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Basis [Axis]", "label": "Measurement Basis [Axis]", "documentation": "Information by measurement basis." } } }, "auth_ref": ["r325", "r697", "r698"] }, "us-gaap_FairValueDisclosureItemAmountsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosureItemAmountsDomain", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Measurement [Domain]", "label": "Fair Value Measurement [Domain]", "documentation": "Measurement basis, for example, but not limited to, reported value, fair value, portion at fair value, portion at other than fair value." } } }, "auth_ref": ["r325", "r697", "r698"] }, "us-gaap_FairValueDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresAbstract", "lang": { "en-us": { "role": { "label": "Fair Value Disclosures [Abstract]" } } }, "auth_ref": [] }, "us-gaap_FairValueDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresTextBlock", "presentation": ["http://angeloakms.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": ["r430", "r431", "r432", "r433", "r435", "r436", "r437", "r438", "r439", "r509", "r707", "r710"] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel1Member", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "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": ["r325", "r358", "r363", "r426", "r434", "r473", "r702", "r703", "r704", "r707"] }, "us-gaap_FairValueInputsLevel2Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel2Member", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Level 2", "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": ["r325", "r358", "r363", "r426", "r427", "r434", "r474", "r697", "r698", "r702", "r703", "r704", "r707"] }, "us-gaap_FairValueInputsLevel3Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel3Member", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails",

"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Level 3", "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": ["r325", "r358", "r359", "r360", "r361", "r362", "r363", "r426", "r427", "r428", "r429", "r434", "r475", "r697", "r698", "r702", "r703", "r704", "r707", "r709"] }, "us-gaap_FairValueMeasurementsFairValueHierarchyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsFairValueHierarchyDomain", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "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": ["r325", "r358", "r359", "r360", "r361", "r362", "r363", "r424", "r426", "r427", "r428", "r429", "r433", "r434", "r435", "r473", "r474", "r475", "r697", "r698", "r702", "r703", "r704", "r707", "r709"] }, "us-gaap_FairValueOptionAggregateDifferencesLoansAndLongTermReceivables": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueOptionAggregateDifferencesLoansAndLongTermReceivables", "crdr": "debit", "calculation": { "http://angeloakms.com/role/ResidentialMortgageLoansDetails": { "parentTag": "us-gaap_NotesReceivableNet", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Change in fair value", "label": "Fair Value, Option, Aggregate Differences, Loans and Long-Term Receivables", "documentation": "This item represents the difference between the aggregate fair value and the aggregate unpaid principal balance of loans and long-term receivables (other than securities categorized as trading, available-for-sale or held-to-maturity) that have contractual principal amounts and for which the fair value option has been elected." } } }, "auth_ref": ["r57"] }, "us-gaap_FairValueOptionLoansHeldAsAssets90DaysOrMorePastDue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueOptionLoansHeldAsAssets90DaysOrMorePastDue", "crdr": "debit", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Recorded investment in mortgage loans 90 or more days past due", "label": "Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due", "documentation": "This item represents the aggregate fair value of loans held as assets that are 90 days or more past due for which the fair value option has been elected." } } }, "auth_ref": ["r58"] }, "aomr_FairValueOptionLoansHeldAsAssets90DaysOrMorePastDueNumber": { "xbrltype": "integerItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FairValueOptionLoansHeldAsAssets90DaysOrMorePastDueNumber", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of mortgage loans 90 or more days past due", "label": "Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Number", "documentation": "Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Number" } } }, "auth_ref": [] }, "aomr_FairValueOptionLoansHeldAsAssets90DaysOrMorePastDueUnpaidPrincipalBalance": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FairValueOptionLoansHeldAsAssets90DaysOrMorePastDueUnpaidPrincipalBalance", "crdr": "debit", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unpaid principal balance of loans 90 or more days past due", "label": "Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Unpaid Principal Balance", "documentation": "Fair Value, Option, Loans Held as Assets, 90 Days or More Past Due, Unpaid Principal Balance" } } }, "auth_ref": [] }, "aomr_FairValueOptionLoansHeldAsAssetsForeclosureNumber": { "xbrltype": "integerItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FairValueOptionLoansHeldAsAssetsForeclosureNumber", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of mortgage loans in foreclosure", "label": "Fair Value, Option, Loans Held as Assets, Foreclosure, Number", "documentation": "Fair Value, Option, Loans Held as Assets, Foreclosure, Number" } } }, "auth_ref": [] }, "aomr_FairValueOptionLoansHeldAsAssetsForeclosureUnpaidPrincipalBalance": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FairValueOptionLoansHeldAsAssetsForeclosureUnpaidPrincipalBalance", "crdr": "debit", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unpaid principal balance of loans in foreclosure", "label": "Fair Value, Option, Loans Held as Assets, Foreclosure, Unpaid Principal Balance", "documentation": "Fair Value, Option, Loans Held as Assets, Foreclosure, Unpaid Principal Balance" } } }, "auth_ref": [] }, "us-gaap_FinancialInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancialInstrumentAxis", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails", "http://angeloakms.com/role/OtherAssetsNarrativeDetails", "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails", "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financial Instrument [Axis]", "label": "Financial Instrument [Axis]", "documentation": "Information by type of financial instrument." } } }, "auth_ref": ["r240", "r241", "r242", "r243", "r244", "r245", "r246", "r247", "r248", "r249", "r250", "r251", "r252", "r253", "r254", "r255", "r256", "r257", "r258", "r259", "r260", "r261", "r262", "r263", "r264", "r265", "r266", "r267", "r268", "r269", "r273", "r274", "r275", "r276", "r277", "r281", "r282", "r283", "r336", "r353", "r419", "r440", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r488", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r531", "r694", "r707", "r708", "r709", "r710", "r711", "r712", "r713", "r714", "r715", "r718", "r820", "r821", "r822", "r823", "r824", "r825", "r826", "r879", "r880", "r881", "r882", "r908", "r911", "r912", "r913", "r920", "r923"] }, "aomr_FinancingReceivableAfterAllowanceForCreditLossBeforeFairValueOptionAdjustmentUnpaidPrincipalBalance": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FinancingReceivableAfterAllowanceForCreditLossBeforeFairValueOptionAdjustmentUnpaidPrincipalBalance", "crdr": "debit", "calculation": { "http://angeloakms.com/role/ResidentialMortgageLoansDetails": { "parentTag": "us-gaap_NotesReceivableNet", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unpaid principal balance", "label": "Financing Receivable, After Allowance for Credit Loss, Before Fair Value Option Adjustment, Unpaid Principal Balance", "documentation": "Financing Receivable, After Allowance for Credit Loss, Before Fair Value Option Adjustment, Unpaid Principal Balance" } } }, "auth_ref": [] }, "aomr_FinancingReceivableAmortizedCostAfterAllowanceForCreditLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FinancingReceivableAmortizedCostAfterAllowanceForCreditLoss", "crdr": "debit", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cost and unpaid principal balance", "label": "Financing Receivable, Amortized Cost, After Allowance for Credit Loss", "documentation": "Financing Receivable, Amortized Cost, After Allowance for Credit Loss" } } }, "auth_ref": [] }, "aomr_FinancingReceivableAtCost": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FinancingReceivableAtCost", "crdr": "debit", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cost", "label": "Financing Receivable, at Cost", "documentation": "Financing Receivable, at Cost" } } }, "auth_ref": [] }, "us-gaap_FinancingReceivableUnamortizedPurchasePremiumDiscount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancingReceivableUnamortizedPurchasePremiumDiscount", "crdr": "debit", "calculation": { "http://angeloakms.com/role/ResidentialMortgageLoansDetails": { "parentTag": "us-gaap_NotesReceivableNet", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net premium on mortgage loans purchased", "label": "Financing Receivable, Unamortized Purchase Premium (Discount)", "documentation": "Amount of unamortized purchase premium (discount) on financing receivable. Excludes financing receivable covered under loss sharing agreement." } } }, "auth_ref": ["r860", "r862"] }, "aomr_FinancingReceivableWeightedAverageContractualMaturity": { "xbrltype": "durationItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FinancingReceivableWeightedAverageContractualMaturity", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails", "http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Weighted average remaining contractual maturity (years)", "label": "Financing Receivable, Weighted Average Contractual Maturity", "documentation": "Financing Receivable, Weighted Average Contractual Maturity" } } }, "auth_ref": [] }, "aomr_FinancingReceivableWeightedAverageInterestRate": { "xbrltype": "percentItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FinancingReceivableWeightedAverageInterestRate", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails", "http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Weighted average interest rate", "label": "Financing Receivable, Weighted Average Interest Rate", "documentation": "Financing Receivable, Weighted Average Interest Rate" } } }, "auth_ref": [] }, "aomr_FinancingReceivablesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FinancingReceivablesAbstract", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financing Receivables [Abstract]", "label": "Financing Receivables [Abstract]", "documentation": "Financing Receivables" } } }, "auth_ref": [] }, "aomr_FinancingReceivablesPastDueAbstract": { "xbrltype": "stringItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FinancingReceivablesPastDueAbstract", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financing Receivables, Past Due [Abstract]", "label": "Financing Receivables, Past Due [Abstract]", "documentation": "Financing Receivables, Past Due" } } }, "auth_ref": [] }, "aomr_FinancingReceivablesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "FinancingReceivablesTableTextBlock", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Residential Mortgage Loans", "label": "Financing Receivables [Table Text Block]", "documentation": "Financing Receivables" } } }, "auth_ref": [] }, "us-gaap_FinancingReceivablesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancingReceivablesTextBlock", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoans"], "lang": { "en-us": { "role": { "terseLabel": "Residential Mortgage Loans", "label": "Financing Receivables [Text Block]", "documentation": "The entire disclosure for financing receivable." } } }, "auth_ref": ["r231", "r235", "r236", "r237", "r691"] }, "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": ["r743", "r753", "r763", "r795"] }, "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": ["r743", "r753", "r763", "r795"] }, "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": ["r743", "r753", "r763", "r795"] }, "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": ["r743", "r753", "r763", "r795"] }, "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": ["r743", "r753", "r763", "r795"] }, "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": ["r776"] }, "us-gaap_FutureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FutureMember", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Unrealized appreciation on futures contracts", "label": "Future [Member]", "documentation": "Futures contracts are forward-based contracts to make or take delivery of a specified financial instrument, foreign currency, or commodity at a specified future date or during a specified

period at as specified price or yield. Futures are standardized contracts traded on an organized exchange." } } }, "auth_ref": { "r590", "r595", "r601", "r619", "r625", "r652", "r720", "r721", "r722", "r906" } }, "aomr_GlobalInvestmentBank2Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "GlobalInvestmentBank2Member", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Global Investment Bank 2", "label": "Global Investment Bank 2 [Member]", "documentation": "Global Investment Bank 2" } } }, "auth_ref": [] }, "aomr_GlobalInvestmentBank3Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "GlobalInvestmentBank3Member", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Global Investment Bank 3", "label": "Global Investment Bank 3 [Member]", "documentation": "Global Investment Bank 3" } } }, "auth_ref": [] }, "us-gaap_HedgingDesignationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "HedgingDesignationAxis", "presentation": ["http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails", "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Hedging Designation [Axis]", "label": "Hedging Designation [Axis]", "documentation": "Information by designation of purpose of derivative instrument." } } }, "auth_ref": ["r8", "r411"] }, "us-gaap_HedgingDesignationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "HedgingDesignationDomain", "presentation": ["http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails", "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Hedging Designation [Domain]", "label": "Hedging Designation [Domain]", "documentation": "Designation of purpose of derivative instrument." } } }, "auth_ref": ["r8"] }, "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "INCOME (LOSS) BEFORE INCOME TAXES", "label": "Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest", "documentation": "Amount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest." } } }, "auth_ref": ["r83", "r118", "r127", "r516", "r528", "r688", "r689", "r854", "r855", "r856", "r857", "r858"] }, "us-gaap_IncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxExpenseBenefit", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Income tax expense", "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": ["r131", "r136", "r195", "r196", "r215", "r222", "r228", "r395", "r396", "r399", "r535", "r706"] }, "us-gaap_IncreaseDecreaseInAccruedIncomeTaxesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccruedIncomeTaxesPayable", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 11.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Income tax 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": ["r4"] }, "us-gaap_IncreaseDecreaseInAccruedInvestmentIncomeReceivable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccruedInvestmentIncomeReceivable", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 16.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Principal and interest receivable on residential mortgage loans", "label": "Increase (Decrease) in Accrued Investment Income Receivable", "documentation": "The increase (decrease) during the reporting period in investment income that has been earned but not yet received in cash." } } }, "auth_ref": ["r4"] }, "us-gaap_IncreaseDecreaseInAccruedLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccruedLiabilities", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 8.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Accrued expenses", "label": "Increase (Decrease) in Accrued Liabilities", "documentation": "The increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid." } } }, "auth_ref": ["r4"] }, "us-gaap_IncreaseDecreaseInInterestPayableNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInInterestPayableNet", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 17.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Interest payable", "label": "Increase (Decrease) in Interest Payable, Net", "documentation": "The increase (decrease) during the reporting period in interest payable, which represents the amount owed to note holders, bond holders, and other parties for interest earned on loans or credit extended to the reporting entity." } } }, "auth_ref": ["r4"] }, "us-gaap_IncreaseDecreaseInManagementFeePayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInManagementFeePayable", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Management fee payable to affiliate", "label": "Increase (Decrease) in Management Fee Payable", "documentation": "Amount of increase (decrease) in fee payable for management of fund or trust." } } }, "auth_ref": ["r961"] }, "us-gaap_IncreaseDecreaseInOperatingCapitalAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInOperatingCapitalAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Net change in:", "label": "Increase (Decrease) in Operating Capital [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInOtherOperatingAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInOtherOperatingAssets", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 13.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other assets", "label": "Increase (Decrease) in Other Operating Assets", "documentation": "Amount of increase (decrease) in operating assets classified as other." } } }, "auth_ref": ["r4"] }, "aomr_IncreaseDecreaseInPaymentsToPurchaseMortgageLoans": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "IncreaseDecreaseInPaymentsToPurchaseMortgageLoans", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 5.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Purchases of residential mortgage loans", "label": "Increase (Decrease) in Payments to Purchase Mortgage Loans", "documentation": "Increase (Decrease) in Payments to Purchase Mortgage Loans" } } }, "auth_ref": [] }, "aomr_IncreaseDecreaseInPrincipalPaymentsReceivedOnResidentialMortgageLoans": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "IncreaseDecreaseInPrincipalPaymentsReceivedOnResidentialMortgageLoans", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 7.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Principal payments on residential mortgage loans", "label": "Increase (Decrease) in Principal Payments Received on Residential Mortgage Loans", "documentation": "Increase (Decrease) in Principal Payments Received on Residential Mortgage Loans" } } }, "auth_ref": [] }, "aomr_IncreaseDecreaseInSalesOfResidentialMortgageLoans": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "IncreaseDecreaseInSalesOfResidentialMortgageLoans", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Sale of residential mortgage loans", "label": "Increase (Decrease) In Sales of Residential Mortgage Loans", "documentation": "Increase (Decrease) In Sales of Residential Mortgage Loans" } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInStockholdersEquityRollForward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInStockholdersEquityRollForward", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity"], "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": [] }, "aomr_IncreaseDecreaseOnMarginReceivedFromPostedOnDerivatives": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "IncreaseDecreaseOnMarginReceivedFromPostedOnDerivatives", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Margin received from interest rate futures contracts and TBAs", "label": "Increase (Decrease) on Margin Received from (Posted on) Derivatives", "documentation": "Increase (Decrease) on Margin Received from (Posted on) Derivatives" } } }, "auth_ref": [] }, "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": ["r743", "r753", "r763", "r787", "r795", "r799", "r807"] }, "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": ["r805"] }, "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": ["r735", "r811"] }, "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": ["r735", "r811"] }, "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": ["r735", "r811"] }, "aomr_InstitutionalInvestorsAAndBMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "InstitutionalInvestorsAAndBMember", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Institutional Investors A and B", "label": "Institutional Investors A and B [Member]", "documentation": "Institutional Investors A and B" } } }, "auth_ref": [] }, "us-gaap_InterestAndDividendIncomeOperating": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

"InterestAndDividendIncomeOperating", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_InterestIncomeExpenseNet", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Interest income", "label": "Interest and Dividend Income, Operating", "documentation": "Represents the total of interest and dividend income, including any amortization and accretion (as applicable) of discounts and premiums, earned from (1) loans and leases whether held-for-sale or held-in-portfolio; (2) investment securities; (3) federal funds sold; (4) securities purchased under agreements to resell; (5) investments in banker's acceptances, commercial paper, or certificates of deposit; (6) dividend income; or (7) other investments not otherwise specified herein." } } } }, "auth_ref": ["r116", "r119", "r121", "r122", "r123", "r962"] }, "us-gaap_InterestExpenseDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpenseDebt", "crdr": "debit", "presentation": ["http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Interest expense, debt", "label": "Interest Expense, Debt", "documentation": "Amount of the cost of borrowed funds accounted for as interest expense for debt." } } }, "auth_ref": ["r86", "r331", "r339", "r699", "r700"] }, "us-gaap_InterestExpenseOperating": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpenseOperating", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_InterestIncomeExpenseNet", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Interest expense", "label": "Interest Expense, Operating", "documentation": "Amount of interest expense classified as operating." } } }, "auth_ref": ["r221", "r515", "r836"] }, "us-gaap_InterestIncomeExpenseNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestIncomeExpenseNet", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "NET INTEREST INCOME", "label": "Interest Income (Expense), Operating", "documentation": "Amount of interest income (expense) classified as operating." } } }, "auth_ref": ["r511", "r855"] }, "us-gaap_InterestIncomeExpenseNetAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestIncomeExpenseNetAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "INTEREST INCOME, NET", "label": "Interest Income (Expense), Operating [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InterestPaidNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestPaidNet", "crdr": "credit", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Cash paid during the year for interest", "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": ["r168", "r170", "r171"] }, "us-gaap_InterestPayableCurrentAndNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestPayableCurrentAndNoncurrent", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Interest payable", "verboseLabel": "Accrued interest payable on debt", "label": "Interest Payable", "documentation": "Amount of interest payable on debt, including, but not limited to, trade payables." } } }, "auth_ref": ["r113", "r949"] }, "aomr_InterestRateFutureMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "InterestRateFutureMember", "presentation": ["http://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetails", "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails", "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Interest rate futures", "label": "Interest Rate Future [Member]", "documentation": "Interest Rate Future" } } }, "auth_ref": [] }, "us-gaap_InvestmentAffiliatedIssuerControlledMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentAffiliatedIssuerControlledMember", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "MOA", "label": "Investment, Affiliated Issuer, Controlled [Member]", "documentation": "Controlled affiliated issuer of investment." } } }, "auth_ref": ["r545", "r554", "r580", "r582", "r588", "r604", "r609", "r610", "r665"] }, "us-gaap_InvestmentIssuerAffiliationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentIssuerAffiliationAxis", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Investment, Issuer Affiliation [Axis]", "label": "Investment, Issuer Affiliation [Axis]", "documentation": "Information by affiliation of issuer of investment." } } }, "auth_ref": ["r545", "r554", "r571", "r577", "r588", "r589", "r609", "r610", "r611", "r612", "r616", "r617", "r622", "r623", "r639", "r640", "r641", "r645", "r646", "r647", "r660", "r661", "r662", "r663", "r664", "r665", "r666", "r667", "r668"] }, "us-gaap_InvestmentIssuerAffiliationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentIssuerAffiliationDomain", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Investment, Issuer Affiliation [Domain]", "label": "Investment, Issuer Affiliation [Domain]", "documentation": "Affiliation of issuer of investment." } } }, "auth_ref": ["r545", "r554", "r571", "r577", "r588", "r589", "r609", "r610", "r611", "r612", "r616", "r617", "r622", "r623", "r639", "r640", "r641", "r645", "r646", "r647", "r660", "r661", "r662", "r663", "r664", "r665", "r666", "r667", "r668"] }, "us-gaap_InvestmentsDebtAndEquitySecuritiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentsDebtAndEquitySecuritiesAbstract", "lang": { "en-us": { "role": { "label": "Investments, Debt and Equity Securities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures", "crdr": "debit", "calculation": { "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails": { "parentTag": "us-gaap_OtherAssets", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails", "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Amortized cost and fair value of these investments", "terseLabel": "Investments in Majority-Owned Affiliates", "label": "Investments in and Advance to Affiliates, Subsidiaries, Associates, and Joint Ventures", "documentation": "Amount of investment in equity method investee and investment in and advance to affiliate." } } }, "auth_ref": ["r831"] }, "us-gaap_InvestmentsInDebtAndMarketableEquitySecuritiesAndCertainTradingAssetsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentsInDebtAndMarketableEquitySecuritiesAndCertainTradingAssetsDisclosureTextBlock", "presentation": ["http://angeloakms.com/role/InvestmentSecurities"], "lang": { "en-us": { "role": { "terseLabel": "Investment Securities", "label": "Investments in Debt and Marketable Equity Securities (and Certain Trading Assets) Disclosure [Text Block]", "documentation": "The entire disclosure for investments in certain debt and equity securities." } } }, "auth_ref": ["r124", "r138", "r238", "r239", "r441", "r442", "r945"] }, "us-gaap_Liabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Liabilities", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "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": ["r11", "r63", "r64", "r65", "r68", "r69", "r70", "r71", "r175", "r270", "r300", "r301", "r303", "r304", "r305", "r306", "r307", "r309", "r310", "r408", "r409", "r410", "r445", "r584", "r687", "r730", "r895", "r936", "r937"] }, "us-gaap_LiabilitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Liabilities [Abstract]", "label": "Liabilities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesAndStockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquity", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities and stockholders' 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": ["r79", "r115", "r525", "r717", "r845", "r883", "r925"] }, "us-gaap_LiabilitiesAndStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquityAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "LIABILITIES AND STOCKHOLDERS\u2019 EQUITY", "label": "Liabilities and Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesFairValueDisclosure", "crdr": "credit", "calculation": { "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities, at fair value", "label": "Liabilities, Fair Value Disclosure", "documentation": "Fair value of financial and nonfinancial obligations." } } }, "auth_ref": ["r426", "r909"] }, "us-gaap_LiabilitiesFairValueDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesFairValueDisclosureAbstract", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Liabilities, at fair value", "label": "Liabilities, Fair Value Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LineOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCredit", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 7.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Notes payable", "verboseLabel": "Drawn Amount", "label": "Long-Term Line of Credit", "documentation": "The carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement." } } }, "auth_ref": ["r11", "r114", "r950"] }, "us-gaap_LineOfCreditFacilityAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityAxis", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "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": ["r62", "r67", "r844", "r892", "r893"] }, "us-gaap_LineOfCreditFacilityLenderDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityLenderDomain", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "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": ["r62", "r67", "r844", "r892"] }, "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

```
"LineOfCreditFacilityMaximumBorrowingCapacity", "crdr": "credit", "presentation": [
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "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": [ "r62", "r67" ] }, "us-gaap_LineOfCreditFacilityRemainingBorrowingCapacity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "LineOfCreditFacilityRemainingBorrowingCapacity", "crdr": "credit", "presentation": [
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Available Financing", "label": "Line of Credit Facility, Remaining Borrowing Capacity", "documentation": "Amount of borrowing capacity currently
available under the credit facility (current borrowing capacity less the amount of borrowings outstanding)." } } }, "auth_ref": [ "r62", "r67", "r299" ] }, "us-
gaap_LineOfCreditMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditMember", "presentation": [
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Line of Credit", "label": "Line of Credit [Member]",
"documentation": "A contractual arrangement with a lender under which borrowings can be made up to a specific amount at any point in time, and under which
borrowings outstanding may be either short-term or long-term, depending upon the particulars." } } }, "auth_ref": [] }, "us-
gaap_LoansHeldForSaleMeasurementInput": { "xbrltype": "decimalItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LoansHeldForSaleMeasurementInput", "presentation": [ "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Loans held-for-sale, measurement input", "label": "Loan, Held-for-Sale, Measurement Input", "documentation": "Value of input used
to measure loan, held for sale." } } }, "auth_ref": [ "r427", "r428", "r429" ] }, "us-gaap_LoansHeldForSaleTerm": { "xbrltype": "durationItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "LoansHeldForSaleTerm", "presentation": [
"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Expected remaining
life", "label": "Loan, Held-for-Sale, Term", "documentation": "Period between issuance and maturity of loan held for sale, in 'PnYnMnDTnHnMnS' format, for example,
'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": [ "r911", "r912", "r913" ] },
"aomr_LoansPurchasedFromAffiliatesMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname":
"LoansPurchasedFromAffiliatesMember", "presentation": [ "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Loans Purchased from Affiliates", "label": "Loans Purchased from Affiliates [Member]", "documentation": "Loans
Purchased from Affiliates" } } }, "auth_ref": [] }, "aomr_LoansReceivableCommercialMember": { "xbrltype": "domainItemType", "nsuri":
"http://angeloakms.com/20240930", "localname": "LoansReceivableCommercialMember", "presentation": [ "http://angeloakms.com/role/OtherAssetsNarrativeDetails",
"http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Commercial Mortgage Loans, at fair value",
"label": "Loans Receivable, Commercial [Member]", "documentation": "Loans Receivable, Commercial" } } }, "auth_ref": [] }, "us-
gaap_LoansReceivableFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LoansReceivableFairValueDisclosure", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails": { "parentTag": "us-
gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails",
"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Assets, at fair value",
"verboseLabel": "Fair Value", "label": "Loans Receivable, Fair Value Disclosure", "documentation": "Fair value portion of loan receivable, including, but not limited to,
mortgage loans held for investment, finance receivables held for investment, policy loans on insurance contracts." } } }, "auth_ref": [ "r924" ] },
"aomr_LoansReceivableResidentialMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname":
"LoansReceivableResidentialMember", "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets",
"http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails",
"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails",
"http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails", "http://angeloakms.com/role/ResidentialMortgageLoansDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Residential mortgage loans - at fair value", "verboseLabel":
"Residential mortgage loans", "label": "Loans Receivable, Residential [Member]", "documentation": "Loans Receivable, Residential" } } }, "auth_ref": [] },
"aomr_LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930",
"localname": "LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember", "presentation": [
"http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Residential mortgage loans in securitization trusts", "label": "Loans Receivable, Residential Mortgage Loans In Securitization Trusts [Member]",
"documentation": "Loans Receivable, Residential Mortgage Loans In Securitization Trusts" } } }, "auth_ref": [] },
"aomr_LoansReceivableResidentialSecuritizationTrustMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname":
"LoansReceivableResidentialSecuritizationTrustMember", "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets",
"http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails",
"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Residential mortgage
loans in securitization trusts - at fair value", "label": "Loans Receivable, Residential, Securitization Trust [Member]", "documentation": "Loans Receivable,
Residential, Securitization Trust" } } }, "auth_ref": [] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024",
"localname": "LocalPhoneNumber", "presentation": [ "http://angeloakms.com/role/Cover" ], "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://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Long Exposure", "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",
"calculation": { "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails": { "parentTag": null, "weight": null, "order": null,
"root": true } }, "presentation": [ "http://angeloakms.com/role/FinancingNarrativeDetails",
"http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Non-recourse
securitization obligation, collateralized by residential mortgage loans in securitization trusts", "terseLabel": "Long-term debt", "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": [ "r11", "r114", "r324", "r338", "r697", "r698", "r716", "r950" ] }, "us-gaap_LongtermDebtTypeAxis": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "LongtermDebtTypeAxis", "presentation": [ "http://angeloakms.com/role/EquityDetails",
"http://angeloakms.com/role/FinancingNarrativeDetails",
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Long-term Debt, Type [Axis]", "label": "Long-Term Debt, Type
[Axis]", "documentation": "Information by type of long-term debt." } } }, "auth_ref": [ "r11", "r886", "r887", "r888" ] }, "us-gaap_LongtermDebtTypeDomain": {
"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongtermDebtTypeDomain", "presentation": [
"http://angeloakms.com/role/EquityDetails","http://angeloakms.com/role/FinancingNarrativeDetails",
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "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": [ "r11", "r27", "r886", "r887", "r888" ] }, "aomr_ManagementAgreementMember": { "xbrltype": "domainItemType",
"nsuri": "http://angeloakms.com/20240930", "localname": "ManagementAgreementMember", "presentation": [
"http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Management Agreement", "label": "Management
Agreement [Member]", "documentation": "Management Agreement" } } }, "auth_ref": [] }, "us-gaap_ManagementFeeExpense": { "xbrltype": "monetaryItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "ManagementFeeExpense", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_NoninterestExpense", "weight":
1.0, "order": 4.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss" ], "lang": { "en-
us": { "role": { "terseLabel": "Management fee incurred with affiliate", "label": "Management Fee Expense", "documentation": "Amount of expense for investment
management fee, including, but not limited to, expense in connection with research, selection, supervision, and custody of investment." } } }, "auth_ref": [ "r59",
"r610", "r728", "r958" ] }, "us-gaap_ManagementFeePayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ManagementFeePayable", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities",
"weight": 1.0, "order": 5.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "terseLabel":
"Management fee payable to affiliate", "label": "Management Fee Payable", "documentation": "Amount of fee payable for management of fund or trust." } } },
"auth_ref": [ "r578" ] }, "us-gaap_MarginDepositAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"MarginDepositAssets", "crdr": "debit", "presentation": [
"http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails",
"http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Margin cash collateral",
"label": "Margin Deposit Assets", "documentation": "The amount of cash or securities placed with a broker or counterparty as security for a trading or derivatives
securities position which was partially obtained with funds provided by the broker dealer." } } }, "auth_ref": [ "r575", "r830" ] }, "srt_MaximumMember": { "xbrltype":
"domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MaximumMember", "presentation": [
"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails",
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Maximum", "label": "Maximum [Member]" } } }, "auth_ref": [
"r294", "r295", "r296", "r297", "r365", "r394", "r429", "r506", "r536", "r537", "r544", "r575", "r576", "r638", "r642", "r643", "r644", "r659", "r678", "r679", "r691",
"r701", "r705", "r709", "r710", "r714", "r715", "r719", "r899", "r938", "r939", "r940", "r941", "r942", "r943" ] }, "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": [ "r779" ] }, "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": [ "r779" ] }, "us-gaap_MeasurementInputDefaultRateMember": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "MeasurementInputDefaultRateMember", "presentation": [
"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Default rate", "label":
"Measurement Input, Default Rate [Member]", "documentation": "Measurement input using likelihood loan will not be repaid as proportion of outstanding loan." } }
}, "auth_ref": [ "r709", "r911", "r912", "r913" ] }, "us-gaap_MeasurementInputExpectedTermMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "MeasurementInputExpectedTermMember", "presentation": [
"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Expected remaining
life", "label": "Measurement Input, Expected Term [Member]", "documentation": "Measurement input using period financial instrument is expected to be
```

outstanding. Excludes maturity date." } } }, "auth_ref": { "r911", "r912", "r913" } }, "us-gaap_MeasurementInputLossSeverityMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MeasurementInputLossSeverityMember", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Loss severity", "label": "Measurement Input, Loss Severity [Member]", "documentation": "Measurement input using loss, including, but not limited to, interest and write-down of principal, incurred on defaulted security as proportion of principal balance." } } }, "auth_ref": { "r709", "r911", "r912", "r913" } }, "us-gaap_MeasurementInputPrepaymentRateMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MeasurementInputPrepaymentRateMember", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Prepayment rate (annual CPR)", "label": "Measurement Input, Prepayment Rate [Member]", "documentation": "Measurement input using principal prepayment at other than constant rate as proportion of outstanding loan principal." } } }, "auth_ref": { "r911", "r912", "r913" } }, "us-gaap_MeasurementInputTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MeasurementInputTypeAxis", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Input Type [Axis]", "label": "Measurement Input Type [Axis]", "documentation": "Information by type of measurement input used to determine value of asset and liability." } } }, "auth_ref": { "r427", "r428", "r429", "r709" } }, "us-gaap_MeasurementInputTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MeasurementInputTypeDomain", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Input Type [Domain]", "label": "Measurement Input Type [Domain]", "documentation": "Measurement input used to determine value of asset and liability." } } }, "auth_ref": { "r427", "r428", "r429", "r709" } }, "srt_MinimumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MinimumMember", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails", "http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Minimum", "label": "Minimum [Member]" } } }, "auth_ref": { "r294", "r295", "r296", "r297", "r365", "r394", "r429", "r506", "r536", "r537", "r544", "r575", "r576", "r638", "r642", "r643", "r644", "r659", "r678", "r679", "r691", "r701", "r705", "r709", "r710", "r714", "r719", "r899", "r938", "r939", "r940", "r941", "r942", "r943" } }, "us-gaap_MinorityInterestLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestLineItems", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling Interest [Line Items]", "label": "Noncontrolling Interest [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_MinorityInterestOwnershipPercentageByParent": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestOwnershipPercentageByParent", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Investment percentage", "label": "Subsidiary, Ownership Percentage, Parent", "documentation": "The parent entity's interest in net assets of the subsidiary, expressed as a percentage." } } }, "auth_ref": [] }, "us-gaap_MinorityInterestTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestTable", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling Interest [Table]", "label": "Noncontrolling Interest [Table]", "documentation": "Disclosure of information about noncontrolling interest, including, but not limited to, name of subsidiary, ownership percentage held by parent, ownership percentage held by noncontrolling owner, amount of noncontrolling interest and its location in statement of financial position, explanation of increase (decrease) in noncontrolling interest, noncontrolling interest share of net income (loss) of subsidiary and its location in statement of income, amount of noncontrolling interest represented by preferred stock, description and dividend requirement of preferred stock, and nature of noncontrolling interest." } } }, "auth_ref": { "r32", "r34", "r78", "r84" } }, "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": { "r798" } }, "us-gaap_MortgageLoansInProcessOfForeclosureAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MortgageLoansInProcessOfForeclosureAmount", "crdr": "debit", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Recorded investment in mortgage loans in foreclosure", "label": "Mortgage Loans in Process of Foreclosure, Amount", "documentation": "Recorded investment of consumer mortgage loan receivables secured by residential real estate properties for which formal foreclosure proceedings are in process." } } }, "auth_ref": { "r234" } }, "srt_MortgageLoansOnRealEstateAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MortgageLoansOnRealEstateAbstract", "lang": { "en-us": { "role": { "label": "SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Abstract]" } } }, "auth_ref": [] }, "srt_MortgageLoansOnRealEstateLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MortgageLoansOnRealEstateLineItems", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Line Items]", "label": "SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Line Items]" } } }, "auth_ref": { "r675" } }, "srt_MortgageLoansOnRealEstateScheduleTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MortgageLoansOnRealEstateScheduleTable", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate [Table]", "label": "SEC Schedule, 12-29, Real Estate Companies, Investment in Mortgage Loans on Real Estate Schedule [Table]" } } }, "auth_ref": { "r675" } }, "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": { "r806" } }, "aomr_MultinationalBank1Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "MultinationalBank1Member", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Multinational Bank 1", "label": "Multinational Bank 1 [Member]", "documentation": "Multinational Bank 1" } } }, "auth_ref": [] }, "ecd_NamedExecutiveOfficersFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NamedExecutiveOfficersFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Named Executive Officers, Footnote", "label": "Named Executive Officers, Footnote [Text Block]" } } }, "auth_ref": ["r780"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "NET CASH PROVIDED BY (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": ["r169"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "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://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "NET CASH PROVIDED BY (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": ["r169"] }, "us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "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://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "NET CASH PROVIDED BY (USED IN) 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": ["r89", "r90", "r91"] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "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://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 18.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Net income (loss)", "netLabel": "Net income (loss)", "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": ["r85", "r91", "r120", "r140", "r155", "r158", "r162", "r175", "r186", "r188", "r189", "r190", "r191", "r192", "r195", "r196", "r203", "r270", "r300", "r301", "r303", "r304", "r305", "r306", "r307", "r309", "r310", "r403", "r406", "r423", "r445", "r529", "r607", "r628", "r629", "r728", "r895"] }, "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAvailableToCommonStockholdersBasic", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": 1.0, "order": 1.0 }, "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails": { "parentTag": "us-gaap_UndistributedEarnings", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss", "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "totalLabel": "NET INCOME (LOSS) ALLOCABLE TO COMMON STOCKHOLDERS", "terseLabel": "Net income (loss) to common stockholders", "verboseLabel": "Net income (loss) to common stockholders - basic", "label": "Net Income (Loss) Available to Common Stockholders, Basic", "documentation": "Amount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities; of income (loss) available to common shareholders." } } }, "auth_ref": ["r166", "r188", "r189", "r190", "r191", "r198", "r199", "r205", "r210", "r406"] }, "us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsPolicyPolicyTextBlock", "presentation": ["http://angeloakms.com/role/OrganizationandBasisofPresentationPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Recent Accounting Pronouncements and Summary of Significant Accounting Policies", "label": "New Accounting Pronouncements, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or

actual impact." } } }, "auth_ref": [] }, "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": ["r779"] }, "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": ["r743", "r753", "r763", "r787", "r795"] }, "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": ["r770"] }, "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": ["r769"] }, "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": ["r787"] }, "aomr_NonRecourseDebtAmortizedCost": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NonRecourseDebtAmortizedCost", "crdr": "credit", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amortized cost of non-recourse securitization obligations", "label": "Non-Recourse Debt, Amortized Cost", "documentation": "Non-Recourse Debt, Amortized Cost" } } }, "auth_ref": [] }, "aomr_NonRecourseDebtDifferenceBetweenAmortizedCostAndFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NonRecourseDebtDifferenceBetweenAmortizedCostAndFairValue", "crdr": "debit", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Difference between amortized cost and fair value of non-recourse securitization obligations", "label": "Non-Recourse Debt, Difference Between Amortized Cost And Fair Value", "documentation": "Non-Recourse Debt, Difference Between Amortized Cost And Fair Value" } } }, "auth_ref": [] }, "aomr_NonRecourseDebtFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NonRecourseDebtFairValueDisclosure", "crdr": "credit", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair value of non-recourse securitization obligations", "label": "Non-Recourse Debt, Fair Value Disclosure", "documentation": "Non-Recourse Debt, Fair Value Disclosure" } } }, "auth_ref": [] }, "aomr_NonRecourseSecuritizationObligationFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NonRecourseSecuritizationObligationFairValueDisclosure", "crdr": "credit", "calculation": { "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails": { "parentTag": "us-gaap_LiabilitiesFairValueDisclosure", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Non-recourse securitization obligation, collateralized by residential mortgage loans", "label": "Non-Recourse Securitization Obligation, Fair Value Disclosure", "documentation": "Non-Recourse Securitization Obligation, Fair Value Disclosure" } } }, "auth_ref": [] }, "aomr_NonRecourseSecuritizationObligationUnrecognizedUnrealizedAppreciation": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NonRecourseSecuritizationObligationUnrecognizedUnrealizedAppreciation", "crdr": "debit", "calculation": { "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails": { "parentTag": "us-gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unrealized appreciation", "label": "Non-Recourse Securitization Obligation, Unrecognized Unrealized Appreciation", "documentation": "Non-Recourse Securitization Obligation, Unrecognized Unrealized Appreciation" } } }, "auth_ref": [] }, "aomr_NonRecourseSecuritizationObligationUnrecognizedUnrealizedDepreciation": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NonRecourseSecuritizationObligationUnrecognizedUnrealizedDepreciation", "crdr": "debit", "calculation": { "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails": { "parentTag": "us-gaap_LiabilitiesFairValueDisclosure", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Unrealized depreciation", "label": "Non-Recourse Securitization Obligation, Unrecognized Unrealized Depreciation", "documentation": "Non-Recourse Securitization Obligation, Unrecognized Unrealized Depreciation" } } }, "auth_ref": [] }, "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": ["r806"] }, "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": ["r806"] }, "us-gaap_NondesignatedMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NondesignatedMember", "presentation": ["http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails", "http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivatives Not Designated as Hedging Instruments", "label": "Not Designated as Hedging Instrument [Member]", "documentation": "Derivative instrument not designated as hedging instrument under Generally Accepted Accounting Principles (GAAP)." } } }, "auth_ref": ["r8"] }, "us-gaap_NoninterestExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoninterestExpense", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "Total operating expenses", "label": "Noninterest Expense", "documentation": "Total aggregate amount of all noninterest expense." } } }, "auth_ref": ["r117"] }, "aomr_NoninterestExpenseDueDiligenceAndTransactionCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NoninterestExpenseDueDiligenceAndTransactionCosts", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_NoninterestExpense", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Due diligence and transaction costs", "label": "Noninterest Expense Due Diligence And Transaction Costs", "documentation": "Noninterest Expense Due Diligence And Transaction Costs" } } }, "auth_ref": [] }, "us-gaap_NonrecourseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonrecourseMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Non-recourse", "label": "Nonrecourse [Member]", "documentation": "Liability for which creditor does not have recourse to debtor but rather has recourse only to property used for collateral in transaction or other specific property." } } }, "auth_ref": ["r408", "r410"] }, "us-gaap_NonrelatedPartyMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonrelatedPartyMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Nonrelated Party", "label": "Nonrelated Party [Member]", "documentation": "Party not related to reporting entity." } } }, "auth_ref": ["r846", "r847"] }, "us-gaap_NotesPayableAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NotesPayableAbstract", "lang": { "en-us": { "role": { "label": "Notes Payable [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NotesPayableToBanksMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NotesPayableToBanksMember", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Notes Payable to Banks", "label": "Notes Payable to Banks [Member]", "documentation": "A written promise to pay a note to a bank." } } }, "auth_ref": [] }, "us-gaap_NotesReceivableNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NotesReceivableNet", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 4.0 }, "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails": { "parentTag": "us-gaap_OtherAssets", "weight": 1.0, "order": 4.0 }, "http://angeloakms.com/role/ResidentialMortgageLoansDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/OtherAssetsNarrativeDetails", "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails", "http://angeloakms.com/role/ResidentialMortgageLoansDetails"], "lang": { "en-us": { "role": { "terseLabel": "Mortgage loans", "totalLabel": "Fair value", "netLabel": "Commercial Mortgage Loans, at fair value", "label": "Financing Receivable, after Allowance for Credit Loss", "documentation": "Amortized cost, after allowance for credit loss, of financing receivable. Excludes financing receivable covered under loss sharing agreement and net investment in lease." } } }, "auth_ref": ["r278", "r593", "r859", "r952"] }, "aomr_NumberOfLoansPurchasedFromRelatedPartiesDuringPeriod": { "xbrltype": "integerItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NumberOfLoansPurchasedFromRelatedPartiesDuringPeriod", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of Loans Purchased from Affiliates during the Year-to-Date/Year Ended", "label": "Number of Loans Purchased from Related Parties during Period", "documentation": "Number of Loans Purchased from Related Parties during Period" } } }, "auth_ref": [] }, "aomr_NumberOfLoansPurchasedFromRelatedPartiesOwnedAndHeld": { "xbrltype": "integerItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "NumberOfLoansPurchasedFromRelatedPartiesOwnedAndHeld", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of Loans Purchased from Affiliates, Owned and Held as of Year-to-Date/Year Ended", "label": "Number of Loans Purchased from Related Parties Owned And Held", "documentation": "Number of Loans Purchased from Related Parties Owned And Held" } } }, "auth_ref": [] }, "us-gaap_OperatingExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpenses", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_NoninterestExpense", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Operating expenses", "label": "Operating Expenses", "documentation": "Generally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense." } } }, "auth_ref": [] }, "us-gaap_OperatingExpensesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpensesAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "EXPENSES", "label": "Operating Expenses [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract", "lang": { "en-us": { "role": { "label": "Organization, Consolidation and Presentation of Financial Statements [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OrganizationConsolidationBasisOfPresentationBusinessDescriptionAndAccountingPoliciesTextBlock", "presentation": ["http://angeloakms.com/role/OrganizationandBasisofPresentation"], "lang": { "en-us": { "role": { "terseLabel": "Organization and Basis of Presentation", "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": ["r92", "r93", "r94", "r102"] }, "us-gaap_OtherAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssets", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 1.0 }, "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other assets", "totalLabel": "Total other assets", "label": "Other Assets", "documentation": "Amount of assets classified as other." } } }, "auth_ref": ["r108", "r142", "r519", "r690", "r730"] }, "us-gaap_OtherAssetsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsDisclosureTextBlock", "presentation": ["http://angeloakms.com/role/OtherAssets"], "lang": { "en-us": { "role": { "terseLabel": "Other Assets", "label": "Other Assets Disclosure [Text Block]", "documentation": "The entire disclosure for other assets. This disclosure includes other current assets and other noncurrent assets." } } }, "auth_ref": [] }, "us-gaap_OtherAssetsFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsFairValueDisclosure", "crdr": "debit", "calculation": { "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails": { "parentTag": "us-gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Assets, at fair value", "label": "Other Assets, Fair Value Disclosure", "documentation": "Fair value portion of other assets." } } }, "auth_ref": ["r909", "r910", "r920"] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity", "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Other comprehensive income (loss)", "verboseLabel": "Unrealized gain (loss) on RMBS and CMBS", "label": "Other Comprehensive Income (Loss), Net of Tax", "documentation": "Amount after tax and reclassification adjustments of other comprehensive income (loss)." } } }, "auth_ref": ["r7", "r10", "r156", "r159", "r163", "r192", "r446", "r447", "r452", "r512", "r530", "r833", "r834"] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent", "crdr": "credit", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net unrealized gain/(loss) on AFS securities", "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": ["r3", "r6", "r103", "r156", "r159", "r192"] }, "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": ["r779"] }, "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": ["r741", "r751", "r761", "r793"] }, "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": ["r744", "r754", "r764", "r796"] }, "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": ["r744", "r754", "r764", "r796"] }, "srt_OwnershipAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "OwnershipAxis", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Ownership [Axis]", "label": "Ownership [Axis]" } } }, "auth_ref": [] }, "srt_OwnershipDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "OwnershipDomain", "presentation": ["http://angeloakms.com/role/OtherAssetsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Ownership [Domain]", "label": "Ownership [Domain]" } } }, "auth_ref": [] }, "us-gaap_PastDueFinancingReceivablesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PastDueFinancingReceivablesTableTextBlock", "presentation": ["http://angeloakms.com/role/ResidentialMortgageLoansTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Financing Receivables Past Due", "label": "Financing Receivable, Past Due [Table Text Block]", "documentation": "Tabular disclosure of aging analysis for financing receivable." } } }, "auth_ref": ["r129", "r130", "r693", "r884"] }, "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": ["r768"] }, "us-gaap_PaymentsForRepurchaseOfCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForRepurchaseOfCommonStock", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 6.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Repurchase of common stock", "label": "Payments for Repurchase of Common Stock", "documentation": "The cash outflow to reacquire common stock during the period." } } }, "auth_ref": ["r87"] }, "us-gaap_PaymentsOfDebtIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfDebtIssuanceCosts", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Cash paid for debt issuance costs", "label": "Payments of Debt Issuance Costs", "documentation": "The cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt." } } }, "auth_ref": ["r19"] }, "us-gaap_PaymentsOfDividendsCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfDividendsCommonStock", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Dividends paid to common stockholders", "label": "Payments of Ordinary Dividends, Common Stock", "documentation": "Amount of cash outflow in the form of ordinary dividends to common shareholders of the parent entity." } } }, "auth_ref": ["r87"] }, "us-gaap_PaymentsOfStockIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfStockIssuanceCosts", "crdr": "credit", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Payments of stock issuance costs", "label": "Payments of Stock Issuance Costs", "documentation": "The cash outflow for cost incurred directly with the issuance of an equity security." } } }, "auth_ref": ["r18"] }, "us-gaap_PaymentsToAcquireBusinessesAndInterestInAffiliates": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireBusinessesAndInterestInAffiliates", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Investments in majority-owned 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": ["r16"] }, "aomr_PaymentsToAcquireDebtSecuritiesAvailableForSaleOther": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "PaymentsToAcquireDebtSecuritiesAvailableForSaleOther", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 8.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Purchase of investments in U.S. Treasury securities", "label": "Payments To Acquire Debt Securities, Available-For-Sale, Other", "documentation": "Payments To Acquire Debt Securities, Available-For-Sale, Other" } } }, "auth_ref": [] }, "us-gaap_PaymentsToAcquireMortgageBackedSecuritiesMBSCategorizedAsAvailableForSale": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireMortgageBackedSecuritiesMBSCategorizedAsAvailableForSale", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 10.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Purchases of investments in RMBS, available for sale", "label": "Payments to Acquire Mortgage-Backed Securities (MBS), Available-for-Sale", "documentation": "Amount of cash outflow for purchase of mortgage-backed security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r837", "r839"] }, "us-gaap_PaymentsToAcquireTradingSecuritiesHeldforinvestment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireTradingSecuritiesHeldforinvestment", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Purchases of investments in RMBS, trading", "label": "Payment for Acquisition, Trading Security, Held-for-Investment", "documentation": "The cash outflow to acquire securities classified as trading securities and held for investment purposes. Excludes payments for trading securities purchased and held principally for the purpose of selling them in the near term (thus held for only a short period of time)." } } }, "auth_ref": ["r838"] }, "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": ["r778"] }, "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": ["r778"] }, "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": ["r770"] }, "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": ["r787"] }, "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": ["r780"] }, "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": ["r769"] }, "us-gaap_PerformanceSharesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PerformanceSharesMember", "presentation": ["http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Performance Shares", "label": "Performance Shares [Member]", "documentation": "Share-based payment arrangement awarded for meeting performance target." } } }, "auth_ref": [] }, "ecd_PnsnAdjsPrrSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnAdjsPrrSvcCstMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Pension Adjustments Prior Service Cost", "label": "Pension Adjustments Prior Service Cost [Member]" } } }, "auth_ref": ["r771"] }, "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": [ "r815" ] }, "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": [ "r770" ] }, "us-gaap_PortionAtFairValueFairValueDisclosureMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PortionAtFairValueFairValueDisclosureMember", "presentation": [ "http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Portion at Fair Value Measurement", "label": "Portion at Fair Value Measurement [Member]", "documentation": "Measured at fair value for financial reporting purposes." } } }, "auth_ref": [ "r443" ] }, "us-gaap_PositionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PositionAxis", "presentation": [
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails" ], "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://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Position [Domain]", "label": "Position [Domain]", "documentation": "Indicates position taken for a security." } } }, "auth_ref": [] }, "us-gaap_PrepaidExpenseCurrentAndNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseCurrentAndNoncurrent", "crdr": "debit", "calculation": { "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails": { "parentTag": "us-gaap_OtherAssets", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Prepaid expenses", "label": "Prepaid Expense", "documentation": "Carrying amount as of the balance sheet date of expenditures made in advance of when the economic benefit of the cost will be realized, and which will be expensed in future periods with the passage of time or when a triggering event occurs." } } }, "auth_ref": [ "r108", "r148", "r598", "r948" ] }, "us-gaap_PriorPeriodReclassificationAdjustmentDescription": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PriorPeriodReclassificationAdjustmentDescription", "presentation": [
"http://angeloakms.com/role/OrganizationandBasisofPresentationPolicies" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassifications", "label": "Reclassification, Comparability Adjustment [Policy Text Block]", "documentation": "Disclosure of accounting policy for reclassification affecting comparability of financial statement. Excludes amendment to accounting standards, other change in accounting principle, and correction of error." } } }, "auth_ref": [ "r828" ] }, "us-gaap_ProceedsFromAccountsReceivableSecuritization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromAccountsReceivableSecuritization", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from securitization", "label": "Proceeds from Accounts Receivable Securitization", "documentation": "Proceeds from securitizations of receivables treated as collateralized borrowings, which are classified as financing transactions." } } }, "auth_ref": [ "r17" ] }, "us-gaap_ProceedsFromDebtNetOfIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromDebtNetOfIssuanceCosts", "crdr": "debit", "presentation": [
"http://angeloakms.com/role/FinancingNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from debt, net of issuance costs", "label": "Proceeds from Debt, Net of Issuance Costs", "documentation": "The cash inflow from additional borrowings, net of cash paid to third parties in connection with debt origination." } } }, "auth_ref": [ "r167" ] }, "us-gaap_ProceedsFromIssuanceOfCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfCommonStock", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 9.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/EquityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from issuances of common stock, net of expenses", "label": "Proceeds from Issuance of Common Stock", "documentation": "The cash inflow from the additional capital contribution to the entity." } } }, "auth_ref": [ "r2" ] }, "us-gaap_ProceedsFromIssuanceOfDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfDebt", "crdr": "debit", "presentation": [
"http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Aggregate cash received, at deal date", "label": "Proceeds from Issuance of Debt", "documentation": "The cash inflow during the period from additional borrowings in aggregate debt. Includes proceeds from short-term and long-term debt." } } }, "auth_ref": [ "r840" ] }, "us-gaap_ProceedsFromIssuanceOfSeniorLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfSeniorLongTermDebt", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Net proceeds from issuance of senior notes", "label": "Proceeds from Issuance of Senior Long-Term Debt", "documentation": "The cash inflow from a borrowing with the highest claim on the assets of the entity in case of bankruptcy or liquidation (with maturities initially due after one year or beyond the operating cycle, if longer)." } } }, "auth_ref": [ "r17" ] }, "us-gaap_ProceedsFromMaturitiesPrepaymentsAndCallsOfMortgageBackedSecuritiesMBS": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromMaturitiesPrepaymentsAndCallsOfMortgageBackedSecuritiesMBS", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Principal payments on RMBS and CMBS securities", "label": "Proceeds from Maturities, Prepayments and Calls of Mortgage-Backed Securities (MBS)", "documentation": "The cash inflow from the maturity (principal due), prepayment and call (request of early payment) of a loan financed by home mortgage payments classified as held to maturity." } } }, "auth_ref": [ "r15" ] }, "us-gaap_ProceedsFromPaymentsForInSecuritiesSoldUnderAgreementsToRepurchase": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromPaymentsForInSecuritiesSoldUnderAgreementsToRepurchase", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 8.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Net proceeds from (repurchases of) securities sold under agreements to repurchase", "label": "Proceeds from (Payments for) in Securities Sold under Agreements to Repurchase", "documentation": "The cash flow from investments sold under the agreement to repurchase such investment." } } }, "auth_ref": [ "r21", "r22" ] }, "us-gaap_ProceedsFromRepaymentsOfNotesPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromRepaymentsOfNotesPayable", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Net proceeds from (payments on) notes payable", "label": "Proceeds from (Repayments of) Notes Payable", "documentation": "Amount of cash inflow (outflow) from long-term debt supported by a written promise to pay an obligation." } } }, "auth_ref": [] }, "aomr_ProceedsFromSaleAndCollectionOfLoansHeldForSaleThirdParties": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ProceedsFromSaleAndCollectionOfLoansHeldForSaleThirdParties", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Sale of commercial mortgage loans to third parties", "label": "Proceeds From Sale And Collection Of Loans Held For Sale Third Parties", "documentation": "Proceeds From Sale And Collection Of Loans Held For Sale Third Parties" } } }, "auth_ref": [] }, "aomr_ProceedsFromSaleOfDebtSecuritiesAvailableForSaleOther": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ProceedsFromSaleOfDebtSecuritiesAvailableForSaleOther", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 7.0 } }, "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Maturity of U.S. Treasury securities", "label": "Proceeds from Sale of Debt Securities, Available-for-sale, Other", "documentation": "Proceeds from Sale of Debt Securities, Available-for-sale, Other" } } }, "auth_ref": [] }, "us-gaap_ProceedsFromSaleOfMortgageBackedSecuritiesMBSCategorizedAsAvailableForSale": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleOfMortgageBackedSecuritiesMBSCategorizedAsAvailableForSale", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 9.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Sale of investments in RMBS, available for sale", "label": "Proceeds from Sale of Mortgage-Backed Securities (MBS), Available-for-Sale", "documentation": "Amount of cash inflow from sale of investment in mortgage-backed security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": [ "r15" ] }, "us-gaap_ProceedsFromSaleOfTradingSecuritiesHeldforinvestment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleOfTradingSecuritiesHeldforinvestment", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Sale of investments in RMBS, trading", "label": "Proceeds from Sale, Debt Security, Trading, and Equity Security, FV-NI, Held-for-Investment", "documentation": "The cash inflow associated with the sale of securities classified as trading securities and held for investment purposes. Excludes proceeds from trading securities purchased and held principally for the purpose of selling them in the near term (thus held for only a short period of time)." } } }, "auth_ref": [] }, "aomr_ProceedsPaymentsReceivedOnMortgageLoansHeldForInvestment": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ProceedsPaymentsReceivedOnMortgageLoansHeldForInvestment", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 5.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Principal payments on commercial mortgage loans", "label": "Proceeds (Payments) Received on Mortgage Loans Held-for-Investment", "documentation": "Proceeds (Payments) Received on Mortgage Loans Held-for-Investment" } } }, "auth_ref": [] }, "aomr_ProtectiveAdvancesAndOther": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ProtectiveAdvancesAndOther", "crdr": "debit", "calculation": {
"http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails": { "parentTag": "us-gaap_OtherAssets", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Protective advances and other assets", "label": "Protective Advances And Other", "documentation": "Protective Advances And Other" } } }, "auth_ref": [] }, "ecd_PvpTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTable", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Pay vs Performance Disclosure", "label": "Pay vs Performance Disclosure [Table]" } } }, "auth_ref": [ "r768" ] }, "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": [ "r768" ] }, "srt_RangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeAxis", "presentation": [
"http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails",
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Statistical Measurement [Axis]", "label": "Statistical Measurement [Axis]" } } }, "auth_ref": [ "r294", "r295", "r296", "r297", "r357", "r365", "r388", "r389", "r390", "r394", "r429", "r476", "r489", "r506", "r536", "r537", "r544", "r575", "r576", "r638", "r642", "r643", "r644", "r659", "r678", "r679", "r691", "r701", "r705", "r709", "r710", "r714", "r715", "r719", "r722", "r889", "r899", "r912", "r939", "r940", "r941", "r942", "r943" ] }, "srt_RangeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeMember", "presentation": [ "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails",
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Statistical Measurement [Domain]", "label": "Statistical Measurement [Domain]" } } }, "auth_ref": [ "r294", "r295", "r296", "r297", "r357", "r365", "r388", "r389", "r390", "r394", "r429", "r476", "r489", "r506", "r536", "r537", "r544", "r575", "r576", "r638", "r642", "r643", "r644", "r659", "r678", "r679", "r691", "r701", "r705", "r709", "r710", "r714", "r715", "r719", "r722", "r889",
```

"r899", "r912", "r939", "r940", "r941", "r942", "r943"] }, "aomr_RatedAndNonRatedCertificatesMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RatedAndNonRatedCertificatesMember", "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Face amount of Senior Support Certificates received by the Company, at deal date", "label": "Rated And Non Rated Certificates [Member]", "documentation": "Rated And Non Rated Certificates" } } }, "auth_ref": [] }, "aomr_RealizedAndUnrealizedGainLossOnDerivativesAndInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RealizedAndUnrealizedGainLossOnDerivativesAndInvestments", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "TOTAL REALIZED AND UNREALIZED GAINS (LOSSES), NET", "label": "Realized And Unrealized Gain (Loss) on Derivatives and Investments", "documentation": "Realized And Unrealized Gain (Loss) on Derivatives and Investments" } } }, "auth_ref": [] }, "aomr_RealizedAndUnrealizedGainsLossesNetAbstract": { "xbrltype": "stringItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RealizedAndUnrealizedGainsLossesNetAbstract", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "REALIZED AND UNREALIZED GAINS (LOSSES), NET", "label": "Realized and Unrealized Gains (Losses), Net [Abstract]", "documentation": "Realized and Unrealized Gains (Losses), Net" } } }, "auth_ref": [] }, "aomr_RealizedGainLossOnDerivativesAndInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RealizedGainLossOnDerivativesAndInvestments", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "aomr_RealizedAndUnrealizedGainLossOnDerivativesAndInvestments", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS", "label": "Realized Gain (Loss) On Derivatives And Investments", "documentation": "Realized Gain (Loss) On Derivatives And Investments" } } }, "auth_ref": [] }, "aomr_RealizedGainLossOnDerivativesAndInvestmentsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RealizedGainLossOnDerivativesAndInvestmentsNet", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 9.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS", "label": "Realized Gain (Loss) On Derivatives And Investments, Net", "documentation": "Realized Gain (Loss) On Derivatives And Investments, Net" } } }, "auth_ref": [] }, "us-gaap_ReceivableTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReceivableTypeDomain", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/FairValueMeasurementsNarrativeDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails", "http://angeloakms.com/role/OtherAssetsNarrativeDetails", "http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails", "http://angeloakms.com/role/ResidentialMortgageLoansDetails", "http://angeloakms.com/role/SubsequentEventsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Receivable [Domain]", "label": "Receivable [Domain]", "documentation": "Financing arrangement representing a contractual right to receive money either on demand or on fixed and determinable dates." } } }, "auth_ref": ["r74", "r80"] }, "us-gaap_RecourseStatusAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecourseStatusAxis", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Recourse Status [Axis]", "label": "Recourse Status [Axis]", "documentation": "Information by recourse or nonrecourse status of liability." } } }, "auth_ref": ["r408", "r410"] }, "us-gaap_RecourseStatusDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecourseStatusDomain", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Recourse Status [Domain]", "label": "Recourse Status [Domain]", "documentation": "Recourse or nonrecourse status of liability." } } }, "auth_ref": ["r408", "r410"] }, "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": ["r736", "r746", "r756", "r788"] }, "aomr_RegionalBank1Member": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RegionalBank1Member", "presentation": ["http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Regional Bank 1", "label": "Regional Bank 1 [Member]", "documentation": "Regional Bank 1" } } }, "auth_ref": [] }, "aomr_RelatedPartyAnnualFixedManagementFee": { "xbrltype": "percentItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RelatedPartyAnnualFixedManagementFee", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fixed management fee per annum (as a percent)", "label": "Related Party, Annual Fixed Management Fee", "documentation": "Related Party, Annual Fixed Management Fee" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyDomain", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss", "http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Related Party [Domain]", "label": "Related and Nonrelated Parties [Domain]", "documentation": "Related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r232", "r364", "r462", "r463", "r521", "r526", "r579", "r580", "r581", "r582", "r583", "r604", "r606", "r637"] }, "aomr_RelatedPartyIncentiveFeeDistributedEarningsPeriod": { "xbrltype": "durationItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RelatedPartyIncentiveFeeDistributedEarningsPeriod", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Period for determining incentive fee by distributed earnings", "label": "Related Party, Incentive Fee, Distributed Earnings, Period", "documentation": "Related Party, Incentive Fee, Distributed Earnings, Period" } } }, "auth_ref": [] }, "aomr_RelatedPartyIncentiveFeeEquityPeriod": { "xbrltype": "durationItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RelatedPartyIncentiveFeeEquityPeriod", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Period for determining incentive fee by equity", "label": "Related Party, Incentive Fee, Equity, Period", "documentation": "Related Party, Incentive Fee, Equity, Period" } } }, "auth_ref": [] }, "aomr_RelatedPartyIncentiveFeeNumberOfQuarters": { "xbrltype": "integerItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RelatedPartyIncentiveFeeNumberOfQuarters", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Incentive fee, number of quarters", "label": "Related Party, Incentive Fee, Number Of Quarters", "documentation": "Related Party, Incentive Fee, Number Of Quarters" } } }, "auth_ref": [] }, "aomr_RelatedPartyIncentiveFeePerAnnumPercent": { "xbrltype": "percentItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RelatedPartyIncentiveFeePerAnnumPercent", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Incentive fee per annum (as a percent)", "label": "Related Party, Incentive Fee Per Annum, Percent", "documentation": "Related Party, Incentive Fee Per Annum, Percent" } } }, "auth_ref": [] }, "aomr_RelatedPartyIncentiveFeePercent": { "xbrltype": "percentItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RelatedPartyIncentiveFeePercent", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Incentive fee (as a percent)", "label": "Related Party, Incentive Fee, Percent", "documentation": "Related Party, Incentive Fee, Percent" } } }, "auth_ref": [] }, "aomr_RelatedPartyIncentiveFeePeriod": { "xbrltype": "durationItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RelatedPartyIncentiveFeePeriod", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Period for determining incentive fee", "label": "Related Party, Incentive Fee, Period", "documentation": "Related Party, Incentive Fee, Period" } } }, "auth_ref": [] }, "aomr_RelatedPartyMinimumIncentiveFee": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "RelatedPartyMinimumIncentiveFee", "crdr": "credit", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Minimum incentive fee", "label": "Related Party, Minimum Incentive Fee", "documentation": "Related Party, Minimum Incentive Fee" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionAxis", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Related Party Transaction [Axis]", "label": "Related Party Transaction [Axis]", "documentation": "Information by type of related party transaction." } } }, "auth_ref": ["r462", "r463", "r935"] }, "us-gaap_RelatedPartyTransactionDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionDomain", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Related Party Transaction [Domain]", "label": "Related Party Transaction [Domain]", "documentation": "Transaction between related party." } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionLineItems", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Related Party Transaction [Line Items]", "label": "Related Party Transaction [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": ["r232", "r611", "r612", "r615"] }, "us-gaap_RelatedPartyTransactionPurchasesFromRelatedParty": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionPurchasesFromRelatedParty", "crdr": "debit", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amount of Loans Purchased from Affiliates during the Year-to-Date/Year Ended (in thousands)", "label": "Related Party Transaction, Purchases from Related Party", "documentation": "Purchases during the period (excluding transactions that are eliminated in consolidated or combined financial statements) with related party." } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsAbstract", "lang": { "en-us": { "role": { "label": "Related Party Transactions [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionsByRelatedPartyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsByRelatedPartyAxis", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss", "http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Related Party [Axis]", "label": "Related and Nonrelated Parties [Axis]", "documentation": "Information by related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of

immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } },
"auth_ref": ["r232", "r364", "r462", "r463", "r521", "r526", "r579", "r580", "r581", "r582", "r583", "r604", "r606", "r637", "r935"] }, "us-gaap_RelatedPartyTransactionsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsDisclosureTextBlock", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactions"], "lang": { "en-us": { "role": { "terseLabel": "Related Party Transactions", "label": "Related Party Transactions Disclosure [Text Block]", "documentation": "The entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates." } } }, "auth_ref": ["r459", "r460", "r461", "r463", "r465", "r551", "r552", "r553", "r613", "r614", "r615", "r634", "r636"] }, "us-gaap_RepaymentsOfSecuredDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfSecuredDebt", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 7.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Principal payments on non-recourse securitization obligation", "label": "Repayments of Secured Debt", "documentation": "The cash outflow to repay long-term debt that is wholly or partially secured by collateral. Excludes repayments of tax exempt secured debt." } } }, "auth_ref": ["r88"] }, "srt_RepurchaseAgreementCounterpartyNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RepurchaseAgreementCounterpartyNameDomain", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Counterparty Name [Domain]", "label": "Counterparty Name [Domain]" } } }, "auth_ref": ["r180", "r181", "r315", "r343", "r464", "r490", "r517", "r682", "r683"] }, "us-gaap_RepurchaseAgreementCounterpartyWeightedAverageMaturityOfAgreements1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepurchaseAgreementCounterpartyWeightedAverageMaturityOfAgreements1", "presentation": ["http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Weighted Average Remaining Maturity (Days)", "label": "Repurchase Agreement Counterparty, Weighted Average Maturity of Agreements", "documentation": "Weighted average maturity (weighted by amount of the agreement) of repurchase agreements with the counterparty, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r180", "r490"] }, "us-gaap_RepurchaseAgreementsResaleAgreementsSecuritiesBorrowedAndSecuritiesLoanedDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepurchaseAgreementsResaleAgreementsSecuritiesBorrowedAndSecuritiesLoanedDisclosureTextBlock", "presentation": ["http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchase"], "lang": { "en-us": { "role": { "terseLabel": "Securities Sold Under Agreements to Repurchase", "label": "Repurchase Agreements, Resale Agreements, Securities Borrowed, and Securities Loaned Disclosure [Text Block]", "documentation": "The entire disclosure for repurchase agreements (also known as repos), resale agreements (also known as reverse repurchase agreements or reverse repos), securities borrowed transactions, and securities loaned transactions." } } }, "auth_ref": ["r106", "r484"] }, "aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustInterestOnlyExcessMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustInterestOnlyExcessMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Interest Only/Excess", "label": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Interest Only/ Excess [Member]", "documentation": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Interest Only/ Excess" } } }, "auth_ref": [] }, "aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "verboseLabel": "AOMT RMBS", "terseLabel": "Total AOMT RMBS", "label": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust [Member]", "documentation": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust" } } }, "auth_ref": [] }, "aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMezzanineMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMezzanineMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Mezzanine", "label": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Mezzanine [Member]", "documentation": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Mezzanine" } } }, "auth_ref": [] }, "aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustRetainedMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Retained RMBS in VIEs", "label": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Retained [Member]", "documentation": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Retained" } } }, "auth_ref": [] }, "aomr_ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustSubordinateMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustSubordinateMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Subordinate", "label": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Subordinate [Member]", "documentation": "Residential Mortgage Backed Securities, Angel Oak Mortgage Trust, Subordinate" } } }, "auth_ref": [] }, "us-gaap_ResidentialMortgageBackedSecuritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResidentialMortgageBackedSecuritiesMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "RMBS - at fair value", "verboseLabel": "Total RMBS", "netLabel": "AOMT RMBS", "label": "Residential Mortgage-Backed Securities [Member]", "documentation": "Securities collateralized by residential real estate mortgage loans." } } }, "auth_ref": ["r707", "r708", "r709", "r864", "r871", "r876", "r877", "r878", "r901"] }, "aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyFannieMaeMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageBackedSecuritiesWholePoolAgencyFannieMaeMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fannie Mae", "label": "Residential Mortgage Backed Securities, Whole Pool Agency, Fannie Mae [Member]", "documentation": "Residential Mortgage Backed Securities, Whole Pool Agency, Fannie Mae" } } }, "auth_ref": [] }, "aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyFreddieMacMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageBackedSecuritiesWholePoolAgencyFreddieMacMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Freddie Mac", "label": "Residential Mortgage Backed Securities, Whole Pool Agency, Freddie Mac [Member]", "documentation": "Residential Mortgage Backed Securities, Whole Pool Agency, Freddie Mac" } } }, "auth_ref": [] }, "aomr_ResidentialMortgageBackedSecuritiesWholePoolAgencyMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageBackedSecuritiesWholePoolAgencyMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Whole Pool Agency RMBS", "terseLabel": "Total Whole Pool Agency RMBS", "label": "Residential Mortgage Backed Securities, Whole Pool Agency [Member]", "documentation": "Residential Mortgage Backed Securities, Whole Pool Agency" } } }, "auth_ref": [] }, "aomr_ResidentialMortgageLoansAtFairValueAndCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageLoansAtFairValueAndCarryingValue", "crdr": "debit", "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Securitized loans", "label": "Residential Mortgage Loans, At Fair Value And Carrying Value", "documentation": "Residential Mortgage Loans, At Fair Value And Carrying Value" } } }, "auth_ref": [] }, "aomr_ResidentialMortgageLoansInSecuritizationTrustsAtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialMortgageLoansInSecuritizationTrustsAtFairValue", "crdr": "debit", "calculation": { "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "totalLabel": "Residential mortgage loans in securitization trusts, at fair value", "label": "Residential Mortgage Loans In Securitization Trusts, At Fair Value", "documentation": "Residential Mortgage Loans In Securitization Trusts, At Fair Value" } } }, "auth_ref": [] }, "aomr_ResidentialWholeLoansAggregateFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialWholeLoansAggregateFairValue", "crdr": "debit", "calculation": { "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails": { "parentTag": "aomr_ResidentialMortgageLoansInSecuritizationTrustsAtFairValue", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Aggregate unpaid principal balance of residential whole loans sold", "label": "Residential Whole Loans, Aggregate Fair Value", "documentation": "Residential Whole Loans, Aggregate Fair Value" } } }, "auth_ref": [] }, "aomr_ResidentialWholeLoansAggregateFairValueAtDealDate": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ResidentialWholeLoansAggregateFairValueAtDealDate", "crdr": "debit", "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Aggregate unpaid principal balance of residential whole loans sold, at deal date", "label": "Residential Whole Loans, Aggregate Fair Value At Deal Date", "documentation": "Residential Whole Loans, Aggregate Fair Value At Deal Date" } } }, "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": ["r737", "r747", "r757", "r789"] }, "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": ["r738", "r748", "r758", "r790"] }, "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": ["r745", "r755", "r765", "r797"] }, "us-gaap_RestrictedCash": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCash", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetails", "http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Restricted cash", "verboseLabel": "Restricted cash", "label": "Restricted Cash", "documentation": "Amount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits." } } }, "auth_ref": ["r829", "r842", "r946", "r951"] }, "us-gaap_RestrictedCashAndCashEquivalentsItemsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsItemsLineItems", "presentation": ["http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Restricted Cash and Cash Equivalents Items [Line Items]", "label": "Restricted Cash and Cash Equivalents Items [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": ["r951"] }, "us-gaap_RestrictedStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedStockMember", "presentation": ["http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel":

"Restricted Stock Awards", "label": "Restricted Stock [Member]", "documentation": "Stock including a provision that prohibits sale or substantive sale of an equity instrument for a specified period of time or until specified performance conditions are met." } } }, "auth_ref": { "r23" } }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Retained earnings (deficit)", "label": "Retained Earnings (Accumulated Deficit)", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r76", "r101", "r524", "r541", "r543", "r550", "r586", "r717"] }, "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Retained Earnings (Deficit)", "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r139", "r183", "r184", "r185", "r187", "r192", "r194", "r196", "r271", "r272", "r284", "r397", "r398", "r400", "r401", "r402", "r404", "r405", "r406", "r413", "r415", "r416", "r418", "r421", "r456", "r457", "r538", "r540", "r555", "r959"] }, "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": ["r806"] }, "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": ["r806"] }, "us-gaap_SaleOfStockNameOfTransactionDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SaleOfStockNameOfTransactionDomain", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Sale of Stock [Domain]", "label": "Sale of Stock [Domain]", "documentation": "Sale of the entity's stock, including, but not limited to, initial public offering (IPO) and private placement." } } }, "auth_ref": [] }, "us-gaap_SaleOfStockNumberOfSharesIssuedInTransaction": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SaleOfStockNumberOfSharesIssuedInTransaction", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Stock issued in sale (shares)", "label": "Sale of Stock, Number of Shares Issued in Transaction", "documentation": "The number of shares issued or sold by the subsidiary or equity method investee per stock transaction." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfAccountsNotesLoansAndFinancingReceivableTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccountsNotesLoansAndFinancingReceivableTable", "presentation": ["http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Accounts, Notes, Loans and Financing Receivable [Table]", "label": "Accounts and Financing Receivables [Table]", "documentation": "Disclosure of information about accounts and financing receivables. Includes, but is not limited to, amount of receivable and allowance for credit loss." } } }, "auth_ref": ["r74", "r80", "r233", "r861"] }, "us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossTables"], "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": ["r13", "r926", "r927"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable", "presentation": ["http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails", "http://angeloakms.com/role/EquityDetails"], "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": ["r23"] }, "us-gaap_ScheduleOfAssetsSoldUnderAgreementsToRepurchaseTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAssetsSoldUnderAgreementsToRepurchaseTable", "presentation": ["http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Assets Sold under Agreements to Repurchase [Table]", "label": "Asset Sold under Agreement to Repurchase [Table]", "documentation": "Disclosure of information about security and other asset sold under repurchase agreement that exceeds 10 percent of stockholders' equity by counterparty or group of counterparties by maturity of overnight, up to 30, 30 to 90, and over 90 days, and demand. Includes, but is not limited to, type of security and asset sold under repurchase agreement, carrying amount and market value of asset sold under repurchase agreement, repurchase liability, and interest rate." } } }, "auth_ref": ["r179", "r489"] }, "us-gaap_ScheduleOfAvailableForSaleSecuritiesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAvailableForSaleSecuritiesLineItems", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Securities, Available-for-sale [Line Items]", "label": "Debt Securities, Available-for-Sale [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": ["r240", "r241", "r242", "r243", "r244", "r245", "r246", "r247", "r248", "r249", "r250", "r251"] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://angeloakms.com/role/EarningsperShareEPSTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Basic and Diluted Earnings 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": ["r853"] }, "us-gaap_ScheduleOfLineOfCreditFacilitiesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfLineOfCreditFacilitiesTextBlock", "presentation": ["http://angeloakms.com/role/FinancingTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Lines of Credit Available and Drawn Amounts for Whole Loan Purchases", "label": "Schedule of Line of Credit Facilities [Table Text Block]", "documentation": "Tabular disclosure of short-term or long-term contractual arrangements with lenders, including letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line." } } }, "auth_ref": ["r62", "r67"] }, "us-gaap_ScheduleOfNotionalAmountsOfOutstandingDerivativePositionsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfNotionalAmountsOfOutstandingDerivativePositionsTableTextBlock", "presentation": ["http://angeloakms.com/role/DerivativeFinancialInstrumentsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Derivative Instruments Presented on the Balance Sheet and Notional Amounts", "label": "Schedule of Notional Amounts of Outstanding Derivative Positions [Table Text Block]", "documentation": "Tabular disclosure of the notional amounts of outstanding derivative positions." } } }, "auth_ref": ["r42"] }, "us-gaap_ScheduleOfOtherAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherAssetsTableTextBlock", "presentation": ["http://angeloakms.com/role/OtherAssetsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Other Assets", "label": "Schedule of Other Assets [Table Text Block]", "documentation": "Tabular disclosure of the carrying amounts of other assets. This disclosure includes other current assets and other noncurrent assets." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfOtherDerivativesNotDesignatedAsHedgingInstrumentsStatementsOfFinancialPerformanceAndFinancialPositionLocationTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherDerivativesNotDesignatedAsHedgingInstrumentsStatementsOfFinancialPerformanceAndFinancialPositionLocationTableTextBlock", "presentation": ["http://angeloakms.com/role/DerivativeFinancialInstrumentsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Derivatives Not Designated as Hedging Instruments", "label": "Derivatives Not Designated as Hedging Instruments [Table Text Block]", "documentation": "Tabular disclosure of derivative instrument not designated or qualifying as hedging instrument." } } }, "auth_ref": ["r50", "r819"] }, "us-gaap_ScheduleOfRelatedPartyTransactionsByRelatedPartyTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRelatedPartyTransactionsByRelatedPartyTable", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsNarrativeDetails", "http://angeloakms.com/role/RelatedPartyTransactionsScheduleofRelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Related Party Transactions, by Related Party [Table]", "label": "Related Party Transaction [Table]", "documentation": "Disclosure of information about related party transaction." } } }, "auth_ref": ["r59", "r60", "r611", "r612", "r615"] }, "us-gaap_ScheduleOfRelatedPartyTransactionsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRelatedPartyTransactionsTableTextBlock", "presentation": ["http://angeloakms.com/role/RelatedPartyTransactionsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Related Party Transactions", "label": "Schedule of Related Party Transactions [Table Text Block]", "documentation": "Tabular disclosure of related party transactions. Examples of related party transactions include, but are not limited to, transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners and (d) affiliates." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfRepurchaseAgreements": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRepurchaseAgreements", "presentation": ["http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Repurchase Agreements", "label": "Schedule of Repurchase Agreements [Table Text Block]", "documentation": "The entire disclosure for repurchase agreements." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfRestrictedCashAndCashEquivalentsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRestrictedCashAndCashEquivalentsTable", "presentation": ["http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Restrictions on Cash and Cash Equivalents [Table]", "label": "Restrictions on Cash and Cash Equivalents [Table]", "documentation": "Disclosure of information about cash and cash equivalents restricted as to withdrawal or usage." } } }, "auth_ref": ["r9", "r107", "r951"] }, "us-gaap_ScheduleOfVariableInterestEntitiesTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfVariableInterestEntitiesTable", "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Variable Interest Entities [Table]", "label": "Variable Interest Entity [Table]", "documentation": "Disclosure of information about variable interest held, whether or not such variable interest entity (VIE) is included in consolidated financial statements." } } }, "auth_ref": ["r35", "r36", "r37", "r38", "r39", "r407", "r408", "r409", "r410", "r485", "r486", "r487"] }, "us-gaap_ScheduleOfVariableInterestEntitiesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfVariableInterestEntitiesTextBlock", "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Securitization Transactions", "label": "Schedule of Variable Interest Entities [Table Text Block]", "documentation": "Tabular disclosure of the significant judgments and assumptions made in determining whether a variable interest (as defined) held by the entity requires the variable interest entity (VIE) (as defined) to be consolidated and (or) disclose information about its involvement with the VIE, individually or in aggregate (as applicable); the nature of restrictions, if any, on the consolidated VIE's assets and on the settlement of its liabilities reported by an entity in its statement of financial position, including the carrying amounts of such assets and liabilities; the nature of, and changes in, the risks associated with involvement in the VIE; how involvement with the VIE affects the entity's financial position, financial performance, and cash flows; the lack of recourse if creditors (or beneficial interest holders) of the consolidated VIE have no recourse to the general credit of the primary beneficiary (if applicable); the terms of arrangements, giving consideration to both explicit arrangements and implicit variable interests, if any, that could require the entity to provide financial support to the VIE, including events or circumstances that could expose the entity to a loss; the methodology used by the entity for determining whether or not it is the primary beneficiary of the variable interest entity; the significant factors considered and judgments made in determining that the power to direct the activities of a VIE that most significantly impact the VIE's economic performance are shared (as defined); the carrying amounts and classification of assets and liabilities of the VIE included in the statement of financial position; the entity's maximum exposure to loss, if any, as a result of its involvement with the VIE, including how the maximum exposure is determined and significant sources of the entity's exposure to the VIE; a comparison of the carrying amounts of the assets and liabilities and the entity's maximum exposure to loss; information about any liquidity arrangements, guarantees, and (or) other commitments by third parties that may affect the fair value or risk of the entity's variable interest in the VIE; whether or not the entity has provided financial support or other support (explicitly or implicitly) to the VIE that it was not previously contractually required to provide or whether the entity

intends to provide that support, including the type and amount of the support and the primary reasons for providing the support; and supplemental information the entity determines necessary to provide." } } }, "auth_ref": ["r35", "r36", "r37", "r38", "r39"] }, "us-gaap_SecuredDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SecuredDebt", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 9.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts (see Note 2)", "verboseLabel": "Non-recourse securitization obligations, collateralized by residential mortgage loans in securitization trusts", "label": "Secured Debt", "documentation": "Carrying value as of the balance sheet date, including the current and noncurrent portions, of collateralized debt obligations (with maturities initially due after one year or beyond the operating cycle, if longer). Such obligations include mortgage loans, chattel loans, and any other borrowings secured by assets of the borrower." } } }, "auth_ref": ["r11", "r114", "r950"] }, "us-gaap_SecuritiesSoldUnderAgreementsToRepurchase": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SecuritiesSoldUnderAgreementsToRepurchase", "crdr": "credit", "calculation": { "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails": { "parentTag": "aomr_DebtSecuritiesAvailableForSaleNetOfSecuritiesSoldUnderAgreementsToRepurchase", "weight": -1.0, "order": 2.0 }, "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 10.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Securities sold under agreements to repurchase", "negatedLabel": "Securities Sold Under Agreements to Repurchase", "verboseLabel": "Amount Outstanding", "label": "Securities Sold under Agreements to Repurchase", "documentation": "Amount, after the effects of master netting arrangements, of funds outstanding borrowed in the form of a security repurchase agreement between the entity and another party for the sale and repurchase of identical or substantially the same securities at a date certain for a specified price. Includes liabilities not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r110", "r149", "r150", "r176", "r177", "r638", "r642", "r644", "r659"] }, "aomr_SecuritizationCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "SecuritizationCosts", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "us-gaap_NoninterestExpense", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Securitization costs", "label": "Securitization Costs", "documentation": "Securitization Costs" } } }, "auth_ref": [] }, "aomr_SecuritizationDebtMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "SecuritizationDebtMember", "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Face amount of Non-recourse securitization obligation issued by the VIE and purchased by third-party investors, at deal date", "label": "Securitization Debt [Member]", "documentation": "Securitization Debt" } } }, "auth_ref": [] }, "aomr_SecuritizationObligationOutstandingAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "SecuritizationObligationOutstandingAtCarryingValue", "crdr": "credit", "calculation": { "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails": { "parentTag": "us-gaap_LongTermDebt", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Outstanding amount of Non-recourse securitization obligation, at amortized cost", "label": "Securitization Obligation Outstanding, At Carrying Value", "documentation": "Securitization Obligation Outstanding, At Carrying Value" } } }, "auth_ref": [] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": ["http://angeloakms.com/role/Cover"], "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": ["r731"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": ["http://angeloakms.com/role/Cover"], "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": ["r733"] }, "us-gaap_SeniorNotes": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeniorNotes", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Senior unsecured 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": ["r114", "r950"] }, "us-gaap_SeniorNotesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeniorNotesMember", "presentation": ["http://angeloakms.com/role/EquityDetails", "http://angeloakms.com/role/FinancingNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Senior Notes", "label": "Senior Notes [Member]", "documentation": "Bond that takes priority 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 to (relative to) junior and unsecured (general) creditors." } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Non-cash equity compensation", "label": "Share-Based Payment Arrangement, Noncash Expense", "documentation": "Amount of noncash expense for share-based payment arrangement." } } }, "auth_ref": ["r4"] }, "us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardAwardTypeAndPlanNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementsByShareBasedPaymentAwardAwardTypeAndPlanNameDomain", "presentation": ["http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Award Type [Domain]", "label": "Award Type [Domain]", "documentation": "Award under share-based payment arrangement." } } }, "auth_ref": ["r366", "r367", "r368", "r369", "r370", "r371", "r372", "r373", "r374", "r375", "r376", "r377", "r378", "r379", "r380", "r381", "r382", "r383", "r384", "r385", "r386", "r387", "r388", "r389", "r390", "r391"] }, "aomr_ShareBasedPaymentArrangementCumulativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ShareBasedPaymentArrangementCumulativeExpense", "crdr": "debit", "presentation": ["http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cumulative share-based compensation expense", "label": "Share-Based Payment Arrangement, Cumulative Expense", "documentation": "Share-Based Payment Arrangement, Cumulative Expense" } } }, "auth_ref": [] }, "us-gaap_ShortMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortMember", "presentation": ["http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short Exposure", "label": "Short [Member]", "documentation": "Indicates the sale of a borrowed security or written option." } } }, "auth_ref": [] }, "us-gaap_StatementClassOfStockAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementClassOfStockAxis", "presentation": ["http://angeloakms.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Class of Stock [Axis]", "label": "Class of Stock [Axis]", "documentation": "Information by the different classes of stock of the entity." } } }, "auth_ref": ["r137", "r144", "r145", "r146", "r175", "r201", "r202", "r206", "r210", "r217", "r218", "r270", "r300", "r303", "r304", "r305", "r309", "r310", "r341", "r342", "r345", "r348", "r355", "r445", "r546", "r547", "r548", "r549", "r555", "r556", "r557", "r558", "r559", "r560", "r561", "r562", "r563", "r564", "r565", "r566", "r585", "r608", "r630", "r669", "r670", "r671", "r672", "r673", "r818", "r843", "r852"] }, "us-gaap_StatementEquityComponentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementEquityComponentsAxis", "presentation": ["http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails", "http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Equity Components [Axis]", "label": "Equity Components [Axis]", "documentation": "Information by component of equity." } } }, "auth_ref": ["r7", "r73", "r77", "r78", "r139", "r160", "r161", "r162", "r183", "r184", "r185", "r187", "r192", "r194", "r196", "r216", "r271", "r272", "r284", "r356", "r397", "r398", "r400", "r401", "r402", "r404", "r405", "r406", "r413", "r414", "r415", "r416", "r417", "r418", "r421", "r446", "r448", "r449", "r450", "r451", "r452", "r456", "r457", "r458", "r530", "r538", "r539", "r540", "r555", "r630"] }, "us-gaap_StatementLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementLineItems", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity", "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "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": ["r183", "r184", "r185", "r216", "r457", "r507", "r545", "r566", "r577", "r579", "r580", "r581", "r582", "r583", "r585", "r588", "r589", "r590", "r591", "r592", "r594", "r595", "r596", "r597", "r600", "r601", "r602", "r603", "r604", "r606", "r609", "r610", "r616", "r617", "r618", "r619", "r620", "r621", "r622", "r623", "r624", "r625", "r626", "r627", "r630", "r723"] }, "us-gaap_StatementOfCashFlowsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfCashFlowsAbstract", "lang": { "en-us": { "role": { "label": "Statement of Cash Flows [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfFinancialPositionAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfFinancialPositionAbstract", "lang": { "en-us": { "role": { "label": "Statement of Financial Position [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfIncomeAndComprehensiveIncomeAbstract", "lang": { "en-us": { "role": { "label": "Statement of Comprehensive Income [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfStockholdersEquityAbstract", "lang": { "en-us": { "role": { "label": "Statement of Stockholders' Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementTable", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows", "http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity", "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "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": ["r183", "r184", "r185", "r216", "r232", "r457", "r507", "r545", "r566", "r577", "r579", "r580", "r581", "r582", "r583", "r585", "r588", "r589", "r590", "r591", "r592", "r594", "r595", "r596", "r597", "r600", "r601", "r602", "r603", "r604", "r606", "r609", "r610", "r616", "r617", "r618", "r619", "r620", "r621", "r622", "r623", "r624", "r625", "r626", "r627", "r630", "r723"] }, "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": ["r740", "r750", "r760", "r792"] }, "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_StockIssuedDuringPeriodValueNewIssues": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueNewIssues", "crdr": "credit", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Issuance of common stock, net of expenses", "label": "Stock Issued During Period, Value, New Issues", "documentation": "Equity impact of the value of new stock issued during the period. Includes shares issued in an initial public offering or a secondary public offering." } } }, "auth_ref": ["r7", "r72", "r73", "r101", "r555", "r630", "r670", "r729"] }, "us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

```
"StockIssuedDuringPeriodValueShareBasedCompensation", "crdr": "credit", "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity" ], "lang": { "en-us": { "role": { "terseLabel": "Stock compensation",
"label": "Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture", "documentation": "Value, after forfeiture, of shares issued under share-based
payment arrangement. Excludes employee stock ownership plan (ESOP)." } } }, "auth_ref": [ "r31", "r72", "r73", "r101" ] }, "us-
gaap_StockRepurchasedDuringPeriodValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"StockRepurchasedDuringPeriodValue", "crdr": "debit", "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Repurchase of
shares of common stock", "label": "Stock Repurchased During Period, Value", "documentation": "Equity impact of the value of stock that has been repurchased during
the period and has not been retired and is not held in treasury. Some state laws may mandate the circumstances under which an entity may acquire its own stock and
prescribe the accounting treatment therefore. This element is used when state law does not recognize treasury stock." } } }, "auth_ref": [ "r7", "r72", "r73", "r101",
"r555", "r630", "r672", "r729" ] }, "us-gaap_StockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"StockholdersEquity", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-
gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://angeloakms.com/role/AccumulatedOtherComprehensiveIncomeLossDetails", "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets",
"http://angeloakms.com/role/CondensedConsolidatedStatementsofChangesinStockholdersEquity" ], "lang": { "en-us": { "role": { "totalLabel": "Total stockholders'
equity", "periodStartLabel": "Balance at beginning of period", "periodEndLabel": "Balance at end of period", "label": "Equity, Attributable to Parent",
"documentation": "Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest." } } }, "auth_ref": [
"r73", "r77", "r78", "r95", "r587", "r605", "r631", "r632", "r717", "r730", "r845", "r883", "r925", "r959" ] }, "us-gaap_StockholdersEquityNoteAbstract": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityNoteAbstract", "lang": { "en-us": { "role": { "label": "Stockholders' Equity
Note [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StockholdersEquityNoteDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "StockholdersEquityNoteDisclosureTextBlock", "presentation": [ "http://angeloakms.com/role/Equity" ], "lang": { "en-us": { "role": {
"terseLabel": "Equity", "label": "Equity [Text Block]", "documentation": "The entire disclosure for equity." } } }, "auth_ref": [ "r98", "r174", "r340", "r342", "r344",
"r345", "r346", "r347", "r348", "r349", "r350", "r351", "r352", "r354", "r356", "r420", "r633", "r635", "r674" ] }, "us-gaap_SubsequentEventLineItems": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventLineItems", "presentation": [
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event [Line Items]", "label": "Subsequent Event
[Line Items]", "documentation": "Detail information of subsequent event by type. User is expected to use existing line items from elsewhere in the taxonomy as the
primary line items for this disclosure, which is further associated with dimension and member elements pertaining to a subsequent event." } } }, "auth_ref": [ "r453",
"r468" ] }, "us-gaap_SubsequentEventMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventMember",
"presentation": [ "http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event", "label": "Subsequent Event [Member]",
"documentation": "Identifies event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } }, "auth_ref": [
"r453", "r468" ] }, "us-gaap_SubsequentEventTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventTable",
"presentation": [ "http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event [Table]", "label":
"Subsequent Event [Table]", "documentation": "Disclosure of information about significant event or transaction occurring between statement of financial position
date and date when financial statements were issued." } } }, "auth_ref": [ "r453", "r468" ] }, "us-gaap_SubsequentEventTypeAxis": { "xbrltype": "stringItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventTypeAxis", "presentation": [
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event Type [Axis]", "label": "Subsequent Event Type
[Axis]", "documentation": "Information by event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } },
"auth_ref": [ "r453", "r468" ] }, "us-gaap_SubsequentEventTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"SubsequentEventTypeDomain", "presentation": [
"http://angeloakms.com/role/FinancingScheduleofLinesofCreditAvailableandDrawnAmountsforWholeLoanPurchasesDetails",
"http://angeloakms.com/role/SubsequentEventsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event Type [Domain]", "label": "Subsequent Event
Type [Domain]", "documentation": "Event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } },
"auth_ref": [ "r453", "r468" ] }, "us-gaap_SubsequentEventsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"SubsequentEventsAbstract", "lang": { "en-us": { "role": { "label": "Subsequent Events [Abstract]" } } }, "auth_ref": [] }, "us-gaap_SubsequentEventsTextBlock": {
"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventsTextBlock", "presentation": [
"http://angeloakms.com/role/SubsequentEvents" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Events", "label": "Subsequent Events [Text Block]",
"documentation": "The entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements
were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of
litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business." } } },
"auth_ref": [ "r467", "r469" ] }, "us-gaap_SubsidiarySaleOfStockAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"SubsidiarySaleOfStockAxis", "presentation": [ "http://angeloakms.com/role/EquityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Sale of Stock [Axis]", "label":
"Sale of Stock [Axis]", "documentation": "Information by type of sale of the entity's stock." } } }, "auth_ref": [] }, "us-
gaap_SupplementalCashFlowInformationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"SupplementalCashFlowInformationAbstract", "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": {
"role": { "terseLabel": "SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION", "label": "Supplemental Cash Flow Information [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": [ "r786" ] }, "us-gaap_TaxesPayableCurrentAndNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "TaxesPayableCurrentAndNoncurrent", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": {
"parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets" ], "lang": {
"en-us": { "role": { "terseLabel": "Income taxes payable", "label": "Taxes Payable", "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." } } }, "auth_ref": [ "r64", "r112", "r949" ] },
"aomr_ToBeAnnouncedTBAsMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "ToBeAnnouncedTBAsMember",
"presentation": [ "http://angeloakms.com/role/DerivativeFinancialInstrumentsNarrativeDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativeInstrumentsPresentedontheBalanceSheetandNotionalAmountsDetails",
"http://angeloakms.com/role/DerivativeFinancialInstrumentsScheduleofDerivativesNotDesignatedasHedgingInstrumentsDetails",
"http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "TBAs", "verboseLabel": "Unrealized appreciation on TBAs", "label": "To-Be-Announced (TBAs) [Member]", "documentation": "To-Be-Announced (TBAs)"
} } }, "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": [ "r778" ] }, "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": [ "r785" ] }, "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:",
"label": "Trading Arrangement [Axis]" } } }, "auth_ref": [ "r805" ] }, "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": [ "r807" ] },
"dei_TradingSymbol": { "xbrltype": "tradingSymbolItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "TradingSymbol", "presentation": [
"http://angeloakms.com/role/Cover" ], "lang": { "en-us": { "role": { "terseLabel": "Trading Symbol", "label": "Trading Symbol", "documentation": "Trading symbol of an
instrument as listed on an exchange." } } }, "auth_ref": [] }, "us-gaap_TransfersAndServicingOfFinancialInstrumentsTypesOfFinancialInstrumentsDomain": {
"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"TransfersAndServicingOfFinancialInstrumentsTypesOfFinancialInstrumentsDomain", "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedBalanceSheets",
"http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails",
"http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsSecuritiesatCostDetails",
"http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails",
"http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails", "http://angeloakms.com/role/OtherAssetsNarrativeDetails",
"http://angeloakms.com/role/OtherAssetsScheduleofOtherAssetsDetails",
"http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails",
"http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails",
"http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Financial
Instruments [Domain]", "label": "Financial Instruments [Domain]", "documentation": "Instrument or contract that imposes a contractual obligation to deliver cash or
another financial instrument or to exchange other financial instruments on potentially unfavorable terms and conveys a contractual right to receive cash or another
financial instrument or to exchange other financial instruments on potentially favorable terms." } } }, "auth_ref": [ "r240", "r241", "r242", "r243", "r244", "r245",
"r246", "r247", "r248", "r249", "r250", "r251", "r252", "r253", "r254", "r255", "r256", "r257", "r258", "r259", "r260", "r261", "r262", "r263", "r264", "r265", "r266",
"r267", "r268", "r269", "r336", "r353", "r419", "r440", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483",
"r488", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r504", "r505", "r531", "r707", "r708", "r709", "r710",
"r711", "r712", "r713", "r714", "r715", "r718", "r820", "r821", "r822", "r823", "r824", "r825", "r826", "r879", "r880", "r881", "r882", "r908", "r911", "r912", "r913",
"r920", "r923" ] }, "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": [ "r808" ] }, "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": [ "r809" ] }, "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": [ "r809" ] }, "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": [ "r807" ] }, "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": [ "r807" ] }, "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": { "r810" } }, "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": { "r808" } }, "us-gaap_TreasuryStockSharesAcquired": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockSharesAcquired", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Repurchase of common stock, number of shares (shares)", "label": "Treasury Stock, Shares, Acquired", "documentation": "Number of shares that have been repurchased during the period and are being held in treasury." } } }, "auth_ref": { "r7", "r73", "r101" } }, "us-gaap_TreasuryStockValueAcquiredCostMethod": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockValueAcquiredCostMethod", "crdr": "debit", "presentation": ["http://angeloakms.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Repurchase of common stock, value", "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": ["r7", "r30", "r101"] }, "us-gaap_USTreasurySecuritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "USTreasurySecuritiesMember", "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets", "http://angeloakms.com/role/FairValueMeasurementsScheduleofFinancialAssetsandLiabilitiesMeasuredatFairValueDetails", "http://angeloakms.com/role/InvestmentSecuritiesScheduleofUSTreasurySecuritiesDetails", "http://angeloakms.com/role/SecuritiesSoldUnderAgreementstoRepurchaseScheduleofRepurchaseAgreementsDetails"], "lang": { "en-us": { "role": { "netLabel": "U.S. Treasury securities - at fair value", "terseLabel": "U.S. Treasury securities", "verboseLabel": "U.S. Treasury securities", "label": "US Treasury Securities [Member]", "documentation": "This category includes information about debt securities issued by the United States Department of the Treasury and backed by the United States government. Such securities primarily consist of treasury bills (short-term maturities - one year or less), treasury notes (intermediate term maturities - two to ten years), and treasury bonds (long-term maturities - ten to thirty years)." } } }, "auth_ref": ["r685", "r702", "r704", "r707", "r947"] }, "us-gaap_UndistributedEarnings": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UndistributedEarnings", "crdr": "credit", "calculation": { "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "totalLabel": "Net income (loss) to common stockholders - basic", "label": "Undistributed Earnings, Basic", "documentation": "The earnings that is allocated to common stock and participating securities to the extent that each security may share in earnings as if all of the earnings for the period had been distributed." } } }, "auth_ref": ["r204", "r208"] }, "us-gaap_UndistributedEarningsDiluted": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UndistributedEarningsDiluted", "crdr": "credit", "calculation": { "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "totalLabel": "Net income (loss) to common stockholders - diluted", "label": "Undistributed Earnings, Diluted", "documentation": "The earnings that is allocated to common stock and participating securities to the extent that each security may share in earnings as if all of the earnings for the period had been distributed. Includes the adjustments resulting from the assumption that dilutive securities were converted, options or warrants were exercised, or that other shares were issued upon the satisfaction of certain conditions." } } }, "auth_ref": [] }, "us-gaap_UndistributedEarningsLossAllocatedToParticipatingSecuritiesBasic": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UndistributedEarningsLossAllocatedToParticipatingSecuritiesBasic", "crdr": "debit", "calculation": { "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails": { "parentTag": "us-gaap_UndistributedEarnings", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Dividends allocated to participating securities", "label": "Undistributed Earnings (Loss) Allocated to Participating Securities, Basic", "documentation": "Amount of undistributed earnings (loss) allocated to participating securities for the basic earnings (loss) per share or per unit calculation under the two-class method." } } }, "auth_ref": ["r204", "r207", "r208"] }, "us-gaap_UndistributedEarningsLossAllocatedToParticipatingSecuritiesDiluted": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UndistributedEarningsLossAllocatedToParticipatingSecuritiesDiluted", "crdr": "debit", "calculation": { "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails": { "parentTag": "us-gaap_UndistributedEarningsDiluted", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Dividends allocated to participating securities", "label": "Undistributed Earnings (Loss) Allocated to Participating Securities, Diluted", "documentation": "Amount of undistributed earnings (loss) allocated to participating securities for the diluted earnings (loss) per share or per unit calculation under the two-class method." } } }, "auth_ref": ["r204", "r207", "r208", "r817"] }, "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": ["r804"] }, "aomr_UnrealizedDepreciationOnFuturesContractsFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "UnrealizedDepreciationOnFuturesContractsFairValue", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Unrealized depreciation on TBAs and interest rate futures contracts - at fair value", "label": "Unrealized Depreciation on Futures Contracts, Fair Value", "documentation": "Unrealized Depreciation on Futures Contracts, Fair Value" } } }, "auth_ref": [] }, "aomr_UnrealizedGainLossOnDerivativesAndInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "UnrealizedGainLossOnDerivativesAndInvestments", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss": { "parentTag": "aomr_RealizedAndUnrealizedGainLossOnDerivativesAndInvestments", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts", "label": "Unrealized Gain (Loss) On Derivatives And Investments", "documentation": "Unrealized Gain (Loss) On Derivatives And Investments" } } }, "auth_ref": [] }, "aomr_UnrealizedGainLossOnDerivativesAndInvestmentsNetCashFlowStatement": { "xbrltype": "monetaryItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "UnrealizedGainLossOnDerivativesAndInvestmentsNetCashFlowStatement", "crdr": "credit", "calculation": { "http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts", "label": "Unrealized Gain (Loss) on Derivatives and Investments, Net, Cash Flow Statement", "documentation": "Unrealized Gain (Loss) on Derivatives and Investments, Net, Cash Flow Statement" } } }, "auth_ref": [] }, "us-gaap_UnrecordedUnconditionalPurchaseObligationBalanceSheetAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrecordedUnconditionalPurchaseObligationBalanceSheetAmount", "crdr": "credit", "presentation": ["http://angeloakms.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total purchase commitment", "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": ["r292", "r932"] }, "us-gaap_UseOfEstimates": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UseOfEstimates", "presentation": ["http://angeloakms.com/role/OrganizationandBasisofPresentationPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Use of Estimates", "label": "Use of Estimates, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for the use of estimates in the preparation of financial statements in conformity with generally accepted accounting principles." } } }, "auth_ref": ["r24", "r25", "r26", "r132", "r133", "r134", "r135"] }, "us-gaap_VariableInterestEntityDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityDisclosureTextBlock", "presentation": ["http://angeloakms.com/role/VariableInterestEntities"], "lang": { "en-us": { "role": { "terseLabel": "Variable Interest Entities", "label": "Variable Interest Entity Disclosure [Text Block]", "documentation": "The entire disclosure for a variable interest entity (VIE), including but not limited to, judgments and assumptions in determining whether to consolidate and in identifying the primary beneficiary, gain (loss) recognized on the initial consolidation of the VIE, terms of arrangements, amounts and classification of the VIE's assets and liabilities, and the entity's maximum exposure to loss." } } }, "auth_ref": ["r102"] }, "us-gaap_VariableInterestEntityLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityLineItems", "presentation": ["http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Variable Interest Entity [Line Items]", "label": "Variable Interest Entity [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": ["r407", "r408", "r409", "r410", "r485", "r486", "r487"] }, "us-gaap_VariableInterestEntityPrimaryBeneficiaryMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityPrimaryBeneficiaryMember", "presentation": ["http://angeloakms.com/role/InvestmentSecuritiesScheduleofInvestmentsinRMBSandCMBSatFairValueDetails", "http://angeloakms.com/role/VariableInterestEntitiesNarrativeDetails", "http://angeloakms.com/role/VariableInterestEntitiesScheduleofSecuritizationTransactionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "VIE - Primary Beneficiary", "label": "Variable Interest Entity, Primary Beneficiary [Member]", "documentation": "Variable Interest Entities (VIE) in which the entity has a controlling financial interest (as defined) and of which it is therefore the primary beneficiary. A controlling financial interest is determined based on both: (a) the entity's power to direct activities of the VIE that most significantly impact the VIE's economic performance and (b) the entity's obligation to absorb losses of the VIE that could potentially be significant to the VIE or the right to receive benefits from the VIE that could potentially be significant to the VIE. VIEs of which the entity is the primary beneficiary are included in the consolidated financial statements of the entity." } } }, "auth_ref": ["r35", "r407", "r408", "r409", "r410"] }, "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": ["r774"] }, "srt_WeightedAverageMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "WeightedAverageMember", "presentation": ["http://angeloakms.com/role/FairValueMeasurementsScheduleofSignificantLevel3InputsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Average", "label": "Weighted Average [Member]" } } }, "auth_ref": ["r429", "r489", "r678", "r679", "r709", "r938", "r940", "r943"] }, "us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustment": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberDilutedSharesOutstandingAdjustment", "calculation": { "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://angeloakms.com/role/EarningsperShareEPSNarrativeDetails", "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net effect of dilutive equity awards (shares)", "label": "Weighted Average Number of Shares Outstanding, Diluted, Adjustment", "documentation": "The sum of dilutive potential common shares or units used in the calculation of the diluted per-share or per-unit computation." } } }, "auth_ref": ["r853"] }, "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfDilutedSharesOutstanding", "calculation": { "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss", "http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Diluted (shares)", "totalLabel": "Diluted weighted average common shares outstanding (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": [ "r200", "r210" ] }, "us-gaap_WeightedAverageNumberOfSharesOutstandingBasic": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfSharesOutstandingBasic", "calculation": {
"http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss",
"http://angeloakms.com/role/EquityandEarningsperShareEPSCalculationofEarningsperShareDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Basic (shares)", "terseLabel": "Basic weighted average common shares outstanding (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": [ "r198", "r210" ] }, "us-gaap_WeightedAverageNumberOfSharesOutstandingDilutedDisclosureItemsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfSharesOutstandingDilutedDisclosureItemsAbstract", "presentation": [
"http://angeloakms.com/role/CondensedConsolidatedStatementsofOperationsandComprehensiveIncomeLoss" ], "lang": { "en-us": { "role": { "terseLabel": "Weighted average number of common shares outstanding:", "label": "Weighted Average Number of Shares Outstanding Reconciliation [Abstract]" } } }, "auth_ref": [] }, "aomr_XylemFinanceLLCMember": { "xbrltype": "domainItemType", "nsuri": "http://angeloakms.com/20240930", "localname": "XylemFinanceLLCMember", "presentation": [ "http://angeloakms.com/role/EquityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Xylem Finance LLC", "label": "Xylem Finance LLC [Member]", "documentation": "Xylem Finance LLC" } } }, "auth_ref": [] }, "ecd_YrEndFrValOfEqtyAwrdsGrntdInCvrdYrOutsdngAndUnvstdMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "YrEndFrValOfEqtyAwrdsGrntdInCvrdYrOutsdngAndUnvstdMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "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": [ "r772" ] } } } }, "std_ref": { "r0": { "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" }, "r1": { "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" }, "r2": { "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" }, "r3": { "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" }, "r4": { "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" }, "r5": { "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" }, "r6": { "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" }, "r7": { "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" }, "r8": { "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" }, "r9": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-8" }, "r10": { "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" }, "r11": { "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" }, "r12": { "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" }, "r13": { "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" }, "r14": { "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" }, "r15": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "12", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-12" }, "r16": { "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" }, "r17": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "14", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r18": { "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" }, "r19": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "15", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r20": { "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" }, "r21": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-8" }, "r22": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-9" }, "r23": { "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" }, "r24": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "275", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-4" }, "r25": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "275", "SubTopic": "10", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-8" }, "r26": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "275", "SubTopic": "10", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-9" }, "r27": { "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" }, "r28": { "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" }, "r29": { "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" }, "r30": { "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" }, "r31": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "718", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r32": { "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" }, "r33": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1" }, "r34": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r35": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-3" }, "r36": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-4" }, "r37": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "5A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-5A" }, "r38": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-6" }, "r39": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-9" }, "r40": { "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" }, "r41": { "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" }, "r42": { "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" }, "r43": { "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" }, "r44": { "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" }, "r45": { "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" }, "r46": { "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" }, "r47": { "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" }, "r48": { "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" }, "r49": { "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" }, "r50": { "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" }, "r51": { "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" }, "r52": { "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" }, "r53": { "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" }, "r54": { "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" }, "r55": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "825", "SubTopic": "10", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-11" }, "r56": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "825", "SubTopic": "10", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-12" }, "r57": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "825", "SubTopic": "10", "Section": "50", "Paragraph": "28", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-28" }, "r58": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "825", "SubTopic": "10", "Section": "50", "Paragraph": "28", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-28" }, "r59": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "850", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r60": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "850", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-3" }, "r61": { "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" }, "r62": { "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" }, "r63": { "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" }, "r64": { "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" }, "r65": { "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" }, "r66": { "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" }, "r67": { "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" }, "r68": { "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" }, "r69": { "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" }, "r70": { "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" }, "r71": { "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" }, "r72": { "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" }, "r73": { "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" }, "r74": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r75": { "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" }, "r76": { "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" }, "r77": { "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" }, "r78": { "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" }, "r79": { "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" }, "r80": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r81": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/220/tableOfContent" }, "r82": { "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" }, "r83": { "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" }, "r84": { "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(19))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r85": { "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" }, "r86": { "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(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r87": { "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" }, "r88": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r89": { "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" }, "r90": { "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" }, "r91": { "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" }, "r92": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "235", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/235/tableOfContent" }, "r93": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "250", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/250/tableOfContent" }, "r94": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "275", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/275/tableOfContent" }, "r95": { "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" }, "r96": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "440", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/440/tableOfContent" }, "r97": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "470", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/470/tableOfContent" }, "r98": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/505/tableOfContent" }, "r99": { "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" }, "r100": { "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" }, "r101": { "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" }, "r102": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/810/tableOfContent" }, "r103": { "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" }, "r104": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/815/tableOfContent" }, "r105": { "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" }, "r106": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "860", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/860/tableOfContent" }, "r107": { "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(1)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r108": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r109": { "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" }, "r110": { "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)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r111": { "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" }, "r112": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(15)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r113": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(15)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r114": { "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" }, "r115": { "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" }, "r116": { "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(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r117": { "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(14))", "Publisher": "FASB", "URI":

"https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r118": { "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" }, "r119": { "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(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r120": { "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" }, "r121": { "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(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r122": { "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(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r123": { "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(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r124": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "320", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/942-320/tableOfContent" }, "r125": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "470", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477734/942-470-50-3" }, "r126": { "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" }, "r127": { "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" }, "r128": { "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" }, "r129": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-7" }, "r130": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-7A" }, "r131": { "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" }, "r132": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "275", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-1" }, "r133": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "SubTopic": "10", "Topic": "275", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-1" }, "r134": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "SubTopic": "10", "Topic": "275", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-11" }, "r135": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "SubTopic": "10", "Topic": "275", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-12" }, "r136": { "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" }, "r137": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "a", "Publisher": "SEC" }, "r138": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1403", "Paragraph": "b", "Publisher": "SEC" }, "r139": { "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" }, "r140": { "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" }, "r141": { "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" }, "r142": { "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" }, "r143": { "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" }, "r144": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(27)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r145": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(28))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r146": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(29))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r147": { "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" }, "r148": { "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" }, "r149": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483466/210-20-50-3" }, "r150": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483444/210-20-55-10" }, "r151": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r152": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r153": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r154": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-14A" }, "r155": { "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" }, "r156": { "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" }, "r157": { "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" }, "r158": { "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" }, "r159": { "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" }, "r160": { "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" }, "r161": { "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" }, "r162": { "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" }, "r163": { "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" }, "r164": { "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" }, "r165": { "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" }, "r166": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SAB Topic 6.B)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-5" }, "r167": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r168": { "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" }, "r169": { "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" }, "r170": { "role": "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/1943274/2147482740/230-10-45-25" }, "r171": { "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" }, "r172": { "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" }, "r173": { "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" }, "r174": { "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" }, "r175": { "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" }, "r176": { "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(m)(1)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r177": { "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(m)(1)(ii)(A)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r178": { "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(m)(1)(ii)(A)(ii))", "Publisher": "FASB", "URI":

"https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r179": { "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(m)(1)(ii)(A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r180": { "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(m)(1)(iii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r181": { "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(m)(2)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r182": { "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" }, "r183": { "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" }, "r184": { "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" }, "r185": { "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" }, "r186": { "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" }, "r187": { "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" }, "r188": { "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" }, "r189": { "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" }, "r190": { "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" }, "r191": { "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" }, "r192": { "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" }, "r193": { "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" }, "r194": { "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" }, "r195": { "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" }, "r196": { "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" }, "r197": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/260/tableOfContent" }, "r198": { "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" }, "r199": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-11" }, "r200": { "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" }, "r201": { "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" }, "r202": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-3" }, "r203": { "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" }, "r204": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "60B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-60B" }, "r205": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "60B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-60B" }, "r206": { "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" }, "r207": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "65", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-65" }, "r208": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "66", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-66" }, "r209": { "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" }, "r210": { "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" }, "r211": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-1" }, "r212": { "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" }, "r213": { "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" }, "r214": { "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" }, "r215": { "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" }, "r216": { "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" }, "r217": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482987/272-10-50-1" }, "r218": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482987/272-10-50-3" }, "r219": { "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" }, "r220": { "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" }, "r221": { "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" }, "r222": { "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" }, "r223": { "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" }, "r224": { "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" }, "r225": { "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" }, "r226": { "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" }, "r227": { "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" }, "r228": { "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" }, "r229": { "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" }, "r230": { "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" }, "r231": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/310-10/tableOfContent" }, "r232": { "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" }, "r233": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481990/310-10-45-2" }, "r234": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "35", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-35" }, "r235": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "42", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-42" }, "r236": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "44", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-44" }, "r237": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "20", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/310-20/tableOfContent" }, "r238": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/320/tableOfContent" }, "r239": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-10" }, "r240": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r241": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2",

```
"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r242": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2",
"Subparagraph": "(aa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r243": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2",
"Subparagraph": "(aaa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r244": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2",
"Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r245": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2",
"Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r246": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2",
"Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r247": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r248": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320",
"SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r249": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r250": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r251": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r252": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r253":
{ "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph":
"5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r254": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(aaa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r255": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r256": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r257": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r258": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r259": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r260": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(f)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r261": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(f)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r262": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A",
"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r263": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A",
"Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r264": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A",
"Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r265": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r266": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic":
"320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(a)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r267": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(b)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r268": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(c)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r269": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(d)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r270": { "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" }, "r271": { "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" }, "r272": { "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" }, "r273": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-11" },
"r274": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50",
"Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-13" }, "r275": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-14" }, "r276": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic":
"326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "16", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147479319/326-20-50-16" }, "r277": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-5" }, "r278":
{ "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph":
"5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-5" }, "r279": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479130/326-30-45-1" }, "r280": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326",
"SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(c)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147479106/326-30-50-10" }, "r281": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-4" }, "r282":
{ "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph":
"7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-7" }, "r283": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic":
"326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147479106/326-30-50-9" }, "r284": { "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" }, "r285": { "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" }, "r286": { "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" }, "r287": { "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" }, "r288": { "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" }, "r289": { "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" }, "r290": { "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" }, "r291": { "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" }, "r292": { "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" }, "r293": { "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" }, "r294": { "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" }, "r295": { "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" }, "r296": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name":
"Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q2)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r297": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name":
"Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q4)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r298": { "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" }, "r299": { "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" }, "r300": { "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" }, "r301": { "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" }, "r302": { "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" }, "r303": { "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" }, "r304": { "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" }, "r305": { "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" }, "r306": { "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" }, "r307": { "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" }, "r308": { "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" }, "r309": { "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" }, "r310": { "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" }, "r311": { "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" }, "r312": { "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" }, "r313": { "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" }, "r314": { "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" }, "r315": { "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" }, "r316": { "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" }, "r317": { "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" }, "r318": { "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" }, "r319": { "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" }, "r320": { "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" }, "r321": { "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" }, "r322": { "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" }, "r323": { "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" }, "r324": { "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" }, "r325": { "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" }, "r326": { "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" }, "r327": { "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" }, "r328": { "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" }, "r329": { "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" }, "r330": { "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" }, "r331": { "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" }, "r332": { "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" }, "r333": { "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" }, "r334": { "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" }, "r335": { "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" }, "r336": { "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" }, "r337": { "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" }, "r338": { "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" }, "r339": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-6" }, "r340": { "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" }, "r341": { "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" }, "r342": { "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" }, "r343": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r344": { "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" }, "r345": { "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" }, "r346": { "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" }, "r347": { "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" }, "r348": { "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" }, "r349": { "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" }, "r350": { "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" }, "r351": { "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" }, "r352": { "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" }, "r353": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r354": { "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" }, "r355": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-2" }, "r356": { "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/1943274/2147480008/505-10-599-1" }, "r357": { "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" }, "r358": { "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" }, "r359": { "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" }, "r360": { "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" }, "r361": { "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" }, "r362": { "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" }, "r363": { "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" }, "r364": { "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" }, "r365": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",
"Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r366": { "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" }, "r367": { "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" }, "r368": { "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" }, "r369": { "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" }, "r370": { "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" }, "r371": { "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" }, "r372": { "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" }, "r373": { "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" }, "r374": { "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" }, "r375": { "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" }, "r376": { "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" }, "r377": { "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" }, "r378": { "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" }, "r379": { "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" }, "r380": { "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" }, "r381": { "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" }, "r382": { "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" }, "r383": { "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" }, "r384": { "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" }, "r385": { "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" }, "r386": { "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" }, "r387": { "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" }, "r388": { "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" }, "r389": { "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" }, "r390": { "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" }, "r391": { "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" }, "r392": { "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" }, "r393": { "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" }, "r394": { "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" }, "r395": { "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" }, "r396": { "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" },
"r397": { "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" }, "r398": { "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" }, "r399": { "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" }, "r400": { "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" }, "r401": { "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" }, "r402": { "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" }, "r403": { "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" }, "r404": { "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" }, "r405": { "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" }, "r406": { "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" }, "r407": { "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" }, "r408": { "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" }, "r409": { "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" }, "r410": { "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" }, "r411": { "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" }, "r412": { "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" }, "r413": { "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" }, "r414": { "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" }, "r415": { "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" }, "r416": { "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" }, "r417": { "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" }, "r418": { "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" }, "r419": { "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" }, "r420": { "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" }, "r421": { "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" }, "r422": { "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" }, "r423": { "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" }, "r424": { "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" }, "r425": { "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" }, "r426": { "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" }, "r427": { "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" }, "r428": { "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" }, "r429": { "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" }, "r430": { "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" }, "r431": { "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" }, "r432": { "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" }, "r433": { "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" }, "r434": { "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" }, "r435": { "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" }, "r436": { "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" }, "r437": { "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" }, "r438": { "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" }, "r439": { "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" }, "r440": { "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" }, "r441": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6B" }, "r442": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6B" }, "r443": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482736/825-10-45-2" }, "r444": { "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" }, "r445": { "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" }, "r446": { "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" }, "r447": { "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" }, "r448": { "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" }, "r449": { "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" }, "r450": { "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" }, "r451": { "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" }, "r452": { "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" }, "r453": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481674/830-30-50-2" }, "r454": { "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" }, "r455": { "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" }, "r456": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479832/842-10-65-9" }, "r457": { "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" }, "r458": { "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" }, "r459": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/850/tableOfContent" }, "r460": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r461": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r462": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r463": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r464": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-3" }, "r465": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-6" }, "r466": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481435/852-10-45-14" }, "r467": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "855", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/855/tableOfContent" }, "r468": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "855", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483399/855-10-50-2" }, "r469": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "855", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483399/855-10-50-2" }, "r470": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r471": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r472": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r473": { "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" }, "r474": { "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" }, "r475": { "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" }, "r476": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3",

"Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r477": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r478": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r479": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r480": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r481": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r482": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r483": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481444/860-30-45-1" }, "r484": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-10" }, "r485": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(b)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-1A" }, "r486": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(b)(1)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-1A" }, "r487": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-1A" }, "r488": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-7" }, "r489": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-7" }, "r490": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-9" }, "r491": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r492": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r493": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r494": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(4)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r495": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r496": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r497": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r498": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r499": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r500": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r501": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r502": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r503": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r504": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r505": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r506": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "910", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482546/910-10-50-6" }, "r507": { "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" }, "r508": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "940", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481804/940-20-50-1" }, "r509": { "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" }, "r510": { "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(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r511": { "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(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r512": { "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" }, "r513": { "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" }, "r514": { "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" }, "r515": { "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(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r516": { "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" }, "r517": { "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)(1)(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r518": { "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)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r519": { "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)(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r520": { "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" }, "r521": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r522": { "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" }, "r523": { "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" }, "r524": { "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" }, "r525": { "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" }, "r526": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r527": { "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)(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r528": { "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" }, "r529": { "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" }, "r530": { "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" }, "r531": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r532": { "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" }, "r533": { "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" }, "r534": { "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" }, "r535": { "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" }, "r536": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r537": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r538": { "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" }, "r539": { "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" }, "r540": { "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" }, "r541": { "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" }, "r542": { "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" }, "r543": { "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" }, "r544": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.W.Q2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479583/944-40-S99-1" }, "r545": { "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" }, "r546": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r547": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r548": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r549": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r550": { "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" }, "r551": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-2" }, "r552": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-5" }, "r553": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-6" }, "r554": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-9" }, "r555": { "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" }, "r556": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-2" }, "r557": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "27", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-27" }, "r558": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r559": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r560": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r561": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r562": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r563": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r564": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r565": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r566": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477796/946-210-45-4" }, "r567": { "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" }, "r568": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r569": { "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" }, "r570": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r571": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-12" }, "r572": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r573": { "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" }, "r574": { "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" }, "r575": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r576": { "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" }, "r577": { "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" }, "r578": { "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)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r579": { "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" }, "r580": { "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" }, "r581": { "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" }, "r582": { "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" }, "r583": { "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" }, "r584": { "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" }, "r585": { "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" }, "r586": { "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" }, "r587": { "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" }, "r588": { "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" }, "r589": { "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" }, "r590": { "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" }, "r591": { "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" }, "r592": { "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" }, "r593": { "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(5)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r594": { "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" }, "r595": { "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" }, "r596": { "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" }, "r597": { "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" }, "r598": { "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(7)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r599": { "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" }, "r600": { "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" }, "r601": { "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" }, "r602": { "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" }, "r603": { "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" }, "r604": { "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" }, "r605": { "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" }, "r606": { "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" }, "r607": { "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" }, "r608": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478297/946-220-50-3" }, "r609": { "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" }, "r610": { "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" }, "r611": { "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)(c)(2)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r612": { "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)(c)(2)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r613": { "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)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r614": { "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)(e))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r615": { "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" }, "r616": { "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" }, "r617": { "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" }, "r618": { "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" }, "r619": { "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" }, "r620": { "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" }, "r621": { "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" }, "r622": { "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" }, "r623": { "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" }, "r624": { "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" }, "r625": { "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" }, "r626": { "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" }, "r627": { "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" }, "r628": { "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" }, "r629": { "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" }, "r630": { "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" }, "r631": { "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" }, "r632": { "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" }, "r633": { "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" }, "r634": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477968/946-235-50-2" }, "r635": { "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" }, "r636": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477968/946-235-50-2" }, "r637": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477802/946-310-45-1" }, "r638": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r639": { "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" }, "r640": { "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 6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r641": { "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 8)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r642": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-12A(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-2" }, "r643": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 4)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r644": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 4)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r645": { "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 11)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r646": { "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" }, "r647": { "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 9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r648": { "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" }, "r649": { "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 C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" },

{ "r650": { "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" }, "r651": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SX 210.12-13(Column G))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, "r652": { "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 A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5A" }, "r653": { "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 B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5A" }, "r654": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5A", "Subparagraph": "(SX 210.12-13A(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5A" }, "r655": { "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" }, "r656": { "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" }, "r657": { "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" }, "r658": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C", "Subparagraph": "(SX 210.12-13C(Column H))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r659": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6", "Subparagraph": "(SX 210.12-14(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r660": { "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 C)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r661": { "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 C)(Footnote 6)(e))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r662": { "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 D)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r663": { "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 D)(Footnote 6)(f))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r664": { "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 E)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r665": { "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 E)(Footnote 6)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r666": { "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 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r667": { "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 5)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r668": { "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" }, "r669": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-1" }, "r670": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, "r671": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, "r672": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, "r673": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, "r674": { "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" }, "r675": { "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)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479628/948-310-S99-1" }, "r676": { "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" }, "r677": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-28(Column E)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, "r678": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "976", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477332/976-310-50-1" }, "r679": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "978", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479230/978-310-50-1" }, "r680": { "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" }, "r681": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "16", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483444/210-20-55-16" }, "r682": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "21", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483444/210-20-55-21" }, "r683": { "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" }, "r684": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483426/235-10-50-4" }, "r685": { "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" }, "r686": { "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" }, "r687": { "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" }, "r688": { "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" }, "r689": { "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" }, "r690": { "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" }, "r691": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "12A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481933/310-10-55-12A" }, "r692": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "12", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479294/326-20-55-12" }, "r693": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "80", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479294/326-20-55-80" }, "r694": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479081/326-30-55-8" }, "r695": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481639/420-10-35-4" }, "r696": { "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" }, "r697": { "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" }, "r698": { "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" }, "r699": { "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" }, "r700": { "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" }, "r701": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r702": { "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" }, "r703": { "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" }, "r704": { "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" }, "r705": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480547/715-80-55-8" }, "r706": { "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" }, "r707": { "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" }, "r708": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "101", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-101" }, "r709": { "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" }, "r710": { "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" }, "r711": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r712": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r713": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r714": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r715": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r716": { "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" }, "r717": { "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" }, "r718": { "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" }, "r719": { "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" }, "r720": { "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" }, "r721": { "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" }, "r722": { "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" }, "r723": { "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" }, "r724": { "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" }, "r725": { "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" }, "r726": { "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" }, "r727": { "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" }, "r728": { "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" }, "r729": { "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" }, "r730": { "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" }, "r731": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b" }, "r732": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b-2" }, "r733": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "d1-1" }, "r734": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 10-Q", "Number": "240", "Section": "308", "Subsection": "a" }, "r735": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16", "Subsection": "I", "Paragraph": "a" }, "r736": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1" }, "r737": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i" }, "r738": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "A" }, "r739": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "B" }, "r740": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "C" }, "r741": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "D" }, "r742": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "E" }, "r743": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "ii" }, "r744": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "iii" }, "r745": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "2" }, "r746": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a" }, "r747": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1" }, "r748": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "i" }, "r749": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "ii" }, "r750": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iii" }, "r751": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iv" }, "r752": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "v" }, "r753": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "2" }, "r754": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "3" }, "r755": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "b" }, "r756": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a" }, "r757": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1" }, "r758": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "i" }, "r759": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "ii" }, "r760": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iii" }, "r761": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iv" }, "r762": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "v" }, "r763": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "2" }, "r764": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "3" }, "r765": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "b" }, "r766": { "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" }, "r767": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v" }, "r768": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "1" }, "r769": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "ii" }, "r770": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii" }, "r771": { "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" }, "r772": { "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" }, "r773": { "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" }, "r774": { "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" }, "r775": { "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" }, "r776": { "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" }, "r777": { "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" }, "r778": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iv" }, "r779": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "vi" }, "r780": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "3" }, "r781": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "4" }, "r782": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "i" }, "r783": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "ii" }, "r784": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "iii" }, "r785": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "iv" }, "r786": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "6" }, "r787": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "6", "Subparagraph": "i" }, "r788": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1" }, "r789": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i" }, "r790": { "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" }, "r791": { "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" }, "r792": { "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" }, "r793": { "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" }, "r794": { "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" }, "r795": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "ii" }, "r796": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "iii" }, "r797": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "2" }, "r798": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "1" }, "r799": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2" }, "r800": { "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" }, "r801": { "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" }, "r802": { "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" }, "r803": { "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" }, "r804": { "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" }, "r805": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a" }, "r806": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "1" }, "r807": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "A" }, "r808": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "B" }, "r809": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "C" }, "r810": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "D" }, "r811": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "b", "Paragraph": "1" }, "r812": { "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" }, "r813": { "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" }, "r814": { "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" }, "r815": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "B", "Clause": "1", "Subclause": "i", "Number": "229" }, "r816": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-T", "Number": "232", "Section": "405" }, "r817": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "60", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-60" }, "r818": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483014/272-10-45-3" }, "r819": { "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" }, "r820": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "a", "Publisher": "SEC" }, "r821": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(1)", "Publisher": "SEC" }, "r822": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(2)", "Publisher": "SEC" }, "r823": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(3)", "Publisher": "SEC" }, "r824": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "c", "Subparagraph": "(2)(i)", "Publisher": "SEC" }, "r825": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "c", "Subparagraph": "(2)(ii)", "Publisher": "SEC" }, "r826": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "e", "Subparagraph": "(2)(iii)", "Publisher": "SEC" }, "r827": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1403", "Paragraph": "a", "Publisher": "SEC" }, "r828": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r829": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r830": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r831": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(18))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r832": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(3)(a)(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r833": { "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" }, "r834": { "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" }, "r835": { "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" }, "r836": { "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(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r837": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-11" }, "r838": { "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" }, "r839": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r840": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r841": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r842": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-8" }, "r843": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r844": { "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" }, "r845": { "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" }, "r846": { "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(k)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r847": { "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(k)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r848": { "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" }, "r849": { "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" }, "r850": { "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" }, "r851": { "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" }, "r852": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "55", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-55" }, "r853": { "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" }, "r854": { "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" }, "r855": { "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" }, "r856": { "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" }, "r857": { "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" }, "r858": { "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" }, "r859": { "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" }, "r860": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-4" }, "r861": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "310", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "40", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481628/310-20-40-7" }, "r862": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "310", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481598/310-20-45-1" }, "r863": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI":

"https://asc.fasb.org/1943274/2147481830/320-10-45-1" }, "r864": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r865": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r866": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(aa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r867": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(aaa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r868": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r869": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r870": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r871": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r872": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r873": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r874": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r875": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r876": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r877": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r878": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r879": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-9" }, "r880": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r881": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r882": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r883": { "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" }, "r884": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-14" }, "r885": { "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" }, "r886": { "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" }, "r887": { "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" }, "r888": { "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" }, "r889": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-10" }, "r890": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r891": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/450/tableOfContent" }, "r892": { "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" }, "r893": { "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" }, "r894": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r895": { "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" }, "r896": { "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" }, "r897": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r898": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r899": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r900": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r901": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r902": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(n)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r903": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-2" }, "r904": { "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" }, "r905": { "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" }, "r906": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4D" }, "r907": { "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" }, "r908": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "54B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482134/820-10-35-54B" }, "r909": { "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" }, "r910": { "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" }, "r911": { "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" }, "r912": { "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" }, "r913": { "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" }, "r914": { "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" }, "r915": { "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" }, "r916": { "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" }, "r917": { "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" }, "r918": { "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" }, "r919": { "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" }, "r920": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2E" }, "r921": { "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" }, "r922": { "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" }, "r923": { "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" }, "r924": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r925": { "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" }, "r926": { "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" }, "r927": { "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" }, "r928": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "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" }, "r929": { "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" }, "r930": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482925/835-30-45-3" }, "r931": { "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" }, "r932": { "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" }, "r933": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r934": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r935": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-3" }, "r936": { "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" }, "r937": { "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" }, "r938": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r939": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r940": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r941": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r942": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r943": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r944": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "940", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481833/940-20-45-3" }, "r945": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "940", "SubTopic": "320", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/940-320/tableOfContent" }, "r946": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(1)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r947": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "942", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477268/942-320-50-2" }, "r948": { "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)(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r949": { "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)(15)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r950": { "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" }, "r951": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r952": { "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)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r953": { "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" }, "r954": { "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" }, "r955": { "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" }, "r956": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r957": { "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" }, "r958": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479105/946-220-45-3" }, "r959": { "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" }, "r960": { "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" }, "r961": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "230", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477867/946-230-45-1" }, "r962": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "830", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "39", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477346/946-830-45-39" } } } ZIP 98 0001766478-24-000108-xbrl.zip IDEA: XBRL DOCUMENT begin 644 0001766478-24-000108-xbrl.zip M4$L#!!0 ((\$^9UD'.JAP^0< /8@ : 83(P.C0M<3-A;VUR97AH M:6)I=#,O.2YH=&W=6FM3X\82_7Y_Q5RH;#*-G[PLF&I\H(WZZH\$-F"2O9\2 M(TW;GD+2.#.2C?/K?!WLD3H=I')V=#DFJL_^< M_K=<%AUU\;?>Z5Y? BX^WUS6W]LB=Z5^.+Z]L?. MC;@U9+FVOR-W1?OR0M0.5'%U>WD!{MZ'CKB!R.MNKPOBSJ?S#^'W+'SJB?=[# M#J+6;.R?Q,PU?ZO5M?I&9G^;S3=S>? M&M"^N/O8Z%P_\"G^QKQO5.GST;\\, MCG#[^EW]LG-3OOKT8^=_1^#6J]7ZAK5RN&&M/,7US6S>7VMSMR1N+%&B)]*) MCU8&PZPD0K*I[D]%.I3IF^V#XY-O;KN'QI%4"LV@'%$_9E0,_%S)BV*)IJ*:QH9FPJ3 MB/?&QJ)6+,?\L^L."C,3OTQ?M M9$"1N))WXB=('<@!B>M.MU<2W22L("^;F^9%XZ7B5Z^(=]+!2G@DGHJ[Q$PB M4@.JY8ZSN;N4P8.)P6 "@5(G0B93D26IS0CZ8E3AJ04.D2+&E=4R\GT9XI85 M)M:I2\$U.MT*04\$C.23OU)+&\(XI\$7*;#/05EL&7?\$(P_V\ 2AMAAQ0): '9HH MLF(RU.%0N.Q_+/@G9*D0X@V(M8LP"_FQ;]+3(0QT(PI902^W"'QHQF!3(I@N MN^\$Y 7TQN&I\)] D^C\]!R[SW%RX](9H@Q!)=6M<)R@*QTI"CDS#*?"D@#\$O^ M*"&\$FLL%7O0)X!,CBA81+ISK'FV-)%+:"RYYBBP" <)]X'O>SK\$^H71#T8 , MQ.UB;FF@76HE-I+^9]XWM"PMA<[-E%G1]E5\$;[\B>@],?;-]7*\=G;@B/D7? M!>EK^GV-2W9"5TA+[&ZX3P<1,.818AQ\$V@TIN2>+4;]^?/VUTBZ.C.O YOC: MFBCW^\B:D:1N.[\$#-RM"W')?=N[#H03@B3;]Y3]+0.'SX,\$.I3(K5X/^.G<. MJVRTD.. (!G6RM13A"V)=@-LB&*6B[/VB1OE!%V-\$T7YB3W+D\S\$7OKTL 6+N-M >B^DB\;-DBUL58^&Z0SB?1@(1TRR;=2GR+2]EFXD\$!:!CK2Z=2#\'+IM M??)R9#EH>=X] (%U]Q8Q)!X5!H\R.D#2.FT88&]M8 6[* TK0"R+D#E;\]*68 M! -'GA\(7CT"_KS:# EW16(_I?G*!',!A3.<<-+WAX DF^NUFVLUE&[>C'S]8!LXWCD.[1&*/U0[,?K4!- \7R#W?");D+SS4)QW2 9C(NU\ MD)X=E9X5T6+FRD*:\0*C ZFE?AD]\$O)@*P((1HW*6\'S@T Y?%" !.!N(3EBX=T1_DSNF?DUI7 M3RD/QP5'@\$0G6X9=D1PY:LV^G "#1Y&H#6.*H>`_!(MA=]3-=NX>+]6X:6]5*VN-8\KS>K3R]5*;;ZVQ])S^;# MC63R=]NQ-6,H"]Q5']V+VD.G^)I[;\$2N_S\>>;;US?8^"H _5YI/S\ ^@47. ^"L,>\$5FG@\U147GGL+,GU3\$U=)\$]!\$<'\$;WXI?=C MV_>X)K\6!9[&PHU!T/;M8--7E^N!3CRQ^^=1>ODJ/4[;_"UE3\6&M/*F_M% M2; _J@L6&; NLG25Y0LO^XO/_/\;IOC_'2X\4\$I#!!0 ((\$^9UE_VC5_ M]P< A ; 83(P.C0M<3-A;VUR97AH:6)I=#.O.BYH=&W=6FU3&SD2 M_GZ_0@=U6:BRC<>&\$-N\$*@?,QE59LPNF-O?I2A[UV"IF1K.2QH[OU]\CS?@% M,!*3S6["487QC%I2]]/=3[=F.)O8)#X_FQ 7Y_\X^V>URBY5F">46A9JXI8\$ MRXU,Q^QW0>;>5:NEU(7*YE],Y8UZHUC]KO2]W+*BW\$K;4SGBW7.CHKKLR,_MR=E(B?GYF9!3)L7;/=D,HE8K:C9Y/3@];C6.1\WZZ^!8B-%K"D]#\$?XGV,-4 MB!=SC)W']'8OD6EU0F[_]FDCLYV9%';2#NKU?^UYN?.S2*46FVE,+KX6:VRL M9.F3K?)8CM.VMV>OF+H8#E6L='N_[G\Z;J0:\43&_9/0YF080.:L1N5\/2G MBN&J]1K2,BH\$C?POM5OOSE_-2G6Q3'Q36]@?-)S.O8_O^^_Z0]8,.HV"`]\; MS?48=H^4M2H-[.%KEO,W&Y@"'>0_CX67KSO]Z857_0'5STNQ_8I=55_Z)W MP_ [[.-K=]B_'K!?]VYN[[J#(1M>LYN[#]U;%C1Y-3@^?X(>L.]ADP8DHK^X& MEY(@]?-]CMFV+NYO^I_ AWL>+]]W!SSW6O1AB!Q:TFL>5!3+?U.B@L9/5C/TE MN^\&>?>6=2^O?QWV+A_@"KP\ULUZ QC]Z"C/=R]>=<=]&ZKUQ_]/Z]<&ZC M7M\U5U[OF"M/S?K+;#[>:G._PMYIG@J5LBL9&Y566\$C:RFC.](3;5_LG;SK? MV/*,"P&:K\846:^E=[],!5S?KK;^ Q)! T@\$M;\E?[9MWGD 2;/6.'\$@]-F\$ M3XEIFD]:H3C:B33LMYQK)\$@\95>4*6V9.Y&\$WY/W MWG)-@WL"RF#+V#= V_,)A%*CX8%8BNG01!FLXD,)\SD[F,U?T::RD6< 8DT M,3HCUV3-I)W 0)-1Z!5TZY:!\$JHH@DVF[_#\/D@^\$\$1QQ" 6Q6P]HL9KT_(S81%L9J9A<\UC:6QH&K+N+M9Z TM*VNN M.PME-K1]\$=X[KK'A U-?[;]U!*<=4_JGK\$PN? %4425QZ\$/],_)P SXYBLGS M(,"HUB:B1-W8@E2UZ6ONQ;2A+\$R.>.YI-8J+G#/M DX+9A!X!9\$/Q68-G[M%\$XX2))UD2\W>0P)WR^>'- "AG^K[17=UN*3A=9\|PM'Y,PO]H\K0]U\+]^@ M#[XD@Q8-<'B6^3*\$%4> (<_-]E,<\$XT(N)<[%=RF +"C8\$TG] M5LJ-HT4?CL9S]\$\S90@*X?#I)V4HOC++,8^]8 69Y)5;TBAD%6;_7&'P;D1-\$ M F,^B6E3 M:5"6ZPQ!8WS1"\$.EA5? %^4QI;@%,6('(ZYC\$UX\$#4<1'PA>F8%_7FR\$A(>L M-^5O[O/-P4=1A\$(IIS#<;"EXRRJP W\4E]MKH|(3\$3NFZ+2CE1NG]9@%X;C M2VER;43TY3Z*C18-BH]Q*I" /MZ?;H.7Z%.!K" @VH3=MXK+MO^1?.5/0_05D?1]HN;D M;QL^?S(6BX"KK'+*I?BZTU? IY=SVC%*TT34L5>/H"\$29LG^_@:63'#6LT2? M(_"10GUQXT)"/[_(4(#?&\$<'^&OZU\6\4Q_Y!+J^]C-TI"?#@Y?<@/9Q?'(M56@)5[JFV+77H21@7S+WLI&;\$;]W5%Q42\$_&OK;[(_7BJ/0LCY8]5W%2V)*\$ M7\$^BH646/NG]LB/ %+@0A;M2U .#8F#R! X)-Z8DQVV'BI?-->CP^N"TB.- MP*\ 5_*Y"L_X1PRE"RL%(\IT]N(1.5L ^;A\4J++]*8DB]6<,#!J;]""G^8, M@4._235G?')_CMBN'R?5H3\=QTCV'/+'"W M8K%Q^;:MYM^V'5FQ.=9Z4VO5GQZNUX+EV)%?NU@? %IB,IV_WFGN/'DRW&]DG M%CP\$Q>7<8R,*_?IVSWM;7^'T?(P\'YZ/G!TNG!V!PZ56KLC;L9?X0S)SNG1<\$ MQ=>;_X*,O)A(BF#B@MFNU[JAH:MG.(WH3=N/?#Y^+0,\S8, [8!UI6#7]YK; M28XIL?OG&7K]C3U.VOZ!.[MX)#2EC7?XJX3P>-174_@(69';S2E?>.U??A;_ M@7#D__/A?U!+ P04_" "!/F=9-!M(0"8% #Q\$@ &@ &\$R.#(T+7\$S M86]M7Z&&*0]QIZC)Y/\$TY M9R332;'4\9>*_":;4\$(_^CPTC.ASV6=0;QL'H MZE>1'C4RH5LK1_WC8R=UD(9A+QV\$0_-#P MXXZGB58.G!F07'XMUIA;R? &E:U\$IVFKL^33*J;4YUE*;\4[@_R9H;24T\$W(U M?G0KDM^ ?.1#%G&SNQ,.@DD7TL0W04R6 M1\$@8<8\0]J\$PP@F(!%6,G"WCE (F:)!9)JQ%-O"/(QGT6I)RPP'V)K"268T+ MD#?)M>%IX DX (=.W"%RD20BY@:C@*M5_)K>1;0B8'(B M@>?|>45]R+(GTXR]4D:X*=NB;.PX\$1M]Z4K."JSLW""+ M86]BF4])8!KXAIH\$0PYOLTT_*Q&*]AA_AP69\$MCR<&H0I91UE#%WJ?]HBK. MKS]R[X&UKP]RKN\VFL^P[#W/.9MJ>>-H)'EMC]1AW+2 A:2Y\>/ZRX0)FTNZ M&@OEP?A)DXR:.2BO2#NGLW\$?D-]A'XFIK'QX=Z6YTF2@:/K=#LHR![%TK'9< M*:.V5VP'CFW:1H?M4?"T.6B']]8#OW:Y/C"PL*E'C6ZCGI!3QD##CCOYDH0 M>B,HDB=:)\K\W_H0W]HGSW5WIS><6/^U>?O-_D9E*M]=3H?`V-BM12,(/K) M&PK&?PG &Z+YU-&-[>L2^I=@_C7]2^'X'OB9?!U:N5O>? YGZ^_OVZK^Q>!@8B'\$U1PY/^2<)B1 M_\$-I5T&I1*I7O95&15KQ;D/Z.N01C\$1+U%=6<@@W%A44YX.:M:G,:,, \RVB-,*^+9\]JMF\XH&=M2KLK'ADF*?*

*MV[)T69]=7EX$ZRDT@DPOW/:4O{GGJ3[+*Z<#?]7U%U!+ P04 " "!/F=9 MLR)IG!\% &$P &@ &$R,#(T+7$S86]M/<_QCGS$6>9R>3++.&4G/\Q^[*3(6YV4.5>.)(93QQDI MK5!+\[%Q>TTZG7K4F2[61BPS1Z(@ZL/VER+&UK9G7"2GS1^9D?5|\^S(!YG% MFJU/9DS<$,%>MT1O>#R(DK0?CT9IOW?6O.>WY%+G5+Uj6ZIUQW(C MTF[@%7_SR1C0^.;?;&BZXD4+0!GX8(>;S/WZ>OYDO2" }JO2&E@*N2;?O- &R"KR3IN4F7G%R>SQ=M,E=)EQR@C_V]410%TS.=%U2M_5,X/22I-CX$5;]DDA0 M6S/"%8/3O*WG,S?Y>>!:U?"H.$,DJ%A $;@=+!$1%.0^H8N1<6O4 M(,'.FN?"6B0# .SB2P39,,,FXXHl-&51%K8 !P-GECP!8#1+U55Z8${]Z+]R+.,2TE5&8"N9=8)NB,/Q3*0S' M<]-B%N[2?4 /"=1=.#A@AYNDWI70IGSJS(;C7A_2-IYB<;V]$15>H2"YLJI MYPQ=[2B,9/"K]ODC@ILZ\)PBVE]HYE*26 :Q(8*!T,!>;-M/RO=5#XX9,*[MQH:#4:6LLJRAA7U,^UE7=)] YMX";]\?Y+V^V=!YAM7&\Y1#]]$)CL;2- 98 M&\9-!UA(6E@^:;Y,F;"%I.N)4!Z,GS3-J5F")(NUXC"95U%#!^N M,M=BK7? <#09#U&L.3]%B1$$!OD47R=(=$A?]C>X[Z^RYfN_UAU/K/S_;Y3=+ M_3"]H:H27AR -[%;"D80^_0%I>*_TW!]>\!MG'K6L";?2=-]O= MJ-IWGO)Y_/? 67)@9*6@LI'!K4H(GXY4K(/=@NB!@(WWE\=F]$RJU!#&0=@Q!.C MTDDT$#+ ^B@5TM^$I""5<+2#],#7!4QF$^>@>Q3MFO6UF'C@.O9<"ODK@I.31 MU[#C848] SU>9B(7S5P^XCGR%RL!"\>``"HI+R=%"O/HX9)1A@MF62U0L1N^>LYTU5]"TA4A5VW.HFR\FW>],+=-|>7],BLM M): ID-B2<- G[UY_,E+C87&4D2$DQ]Z_*@WYKXAXMN^XWO"WOW8>+GN]O_Y_[?_X\O_4Z__Z>O\-7?GV;$*\"%T& M!$?$0;_<:(2B$4`_](.?[A-&=V,<#?Q@4J_'MUWZTY? '8XBI.JJ/kL_FMP MT3)E77[$>9m-K69=?\YQJ]=9 (?5!2WO0!PA<D#A]T8JEF2Y7KC)FU"7'-M4NLMRR)UZI%EVYI#+QXO7>C*.TX(:>/@Y;A.(A@L;P-MT#.WQ[(<.MA]Q-FE(MT" (P6&!+3?09.Y.I$=CD$WW&SA1_[;C,1P[QSI6"D/S-!JV"(L8 MF*1%6L$TL%^+M'QIPFXX"CY=YUF[-&$W^A)9ZZ4?]AD9F-O[!^AT/W[9GDQF7 M6;?1B 3LNH",V-,>2,^S_4GN6Y"9S86P'H4#Y^^>1-CUZ[J!_\ UAKE'J&0V M\+D#LL[7-6$M:\"6- $L,$U8@UFT!5"$R1+67!9&0@LP2[JP5K+(.HT(S R>L MO2S"8I5/2(1>=*/W3 989N- ?>/X_ 989G-1=&/XU 989@-?=,OW5()?R\XR MU(7==#1=8\&_XU+;NY M*+KE>N(U+;N!+[H56O;,P,VB6YMG"ZDZQV05W4P]?4C5.68)C-F"3ES1+=]3 M62E]A@I"X7=VSV"E9#G^1,?;SVVE9#D71,?83]VJ#CP9NZC^OFZ!9O*LWC M/*=IS:*,R6?;63_'?!?>9#Z[?G^FB1/6?1#*&)EHCH"Y36'-9C%DY$U>$LX59 M:HU+WPO]L>LLDFNXY,V_,'+PBM(TJ.="4@#];M>[@)W@H.7K\0C_IT^G'/ MI!V,D;U!\3MA2**W52 6-5*(,R^_L]RE4IB3"*9PMCM@1+0-(%,X_X*8&,EF MK2DO)+,46*Y60"2181DAE*R)6RLR!5YC-Y.""\ ]fK,&[OL6" "XK(@BSK M)0KKJP06 M.MA8(ZPO>RH)[!E0ZVA0)_,,E"=B[./IYW[7E_^% VB68EI8 M_S< M+@ S5*"")N? G!XP4>HNB!=P6!0#]'+LKKR3448 2;G=EUQ(Z,`S0#S7#¥[VPH%@MRFA7AM@,*.RM9*DS@$1<{(" ?,EK"B\9UAVD_ =DM8-_^M6&1P, M\22,7X+'W_T@&N(A>2N..|Z0C& QS_GQ_6 6{O/(BD-'81U_!9R7+/DBK+_K MZ'GYY\@?DSO?'W>&Q+,.+4YK:$L[!4\@9R9(CPGE(\I9=?_Z)/=! MVU7A@S]V?G@."3K#@/ 8]K#OWY/I+++!'."25G++B>3".FJ"'V:,?./3147&F M2%AWQJE85<1)$\[;D2^OYF;RK3=^Z3[;)"R,MU'1A?-0G)I?19X\X?P,8KJ7-M\F'] -QL<> BK/OC5%P_<,K$@KE !+63W,Z$Z%78X5-M65A73@XT*OYL">O7R9O) 7$<-CEV<69 _:"A4P.F]DC>GH%L_BBRL]R;% M)"TC"_:.4V$F1A'.5R.FN5]L:Y)^U8O()'G#M=^Z8W?"G,T8X&0*YRC[@R; MEQGN+BM*Y7U#!9PS8=TQQ=Z^S'2.A/7#E&W_;M-9$]9#4XH-S$RG2ECW3$DW M,#.=/.'<- V):- 7>P.P4+E5R'\$&9@X *H-K2]P-S"RG2A7.V57L#ZQ-\. M+]FQY4;7V';'M'$KRL/WV3A*UF,\ H]]GTI6.LRF5VY]5%;O^^9[0X]=";8:E9+5>>[Z[F3V.2<"ZPFK"<), Y* MC./G$F-<6(<<8/R=&!=(21#6?0C@.@NX,M7VA75]]#@'7[V/_D9G&3R2,V)9 ML*N +U!"-\-<."E546&]U%W=5A 4-N-(L=!S', M_"#1=#SG*Z"LV$MJ4?>"))%$GQ%W12Z)T/8; 3S>Q^\B[H9]!/ &L_L >!=U M$PC@++;96(.SF3[7G.%.7BK ;.-6>XRQY;!1U]P'B"7/45*RZ:ARLJ2PO/4I3 M,K2X\1W4?='@%YEH=>)_#CGH5=1]WJ 7@5=15Y17GN,@-5+CX-Y4J>; M .8%E>;G@7E1-YT@6*DLRM^I,)'#-[U>77HPN[] M ;Y^1Z^BDD#8S5&&B(WIL#M6PY#E'U|($@2RU}Z>ZP<<*%)^.6KSH"GL- FFE9_NM+6<<6O[H9N69:PJ[:UD=;*RSR_?$(9.I"Q&X MXS/Z^O6IK[W-HXRG$'@5=5=A\4\'H$?ON__)+B5=B-Q?+@16A%*[.8PZ;P^UR5 MGFT10MF;PNX-?<5CI-GD841(],VW>5#BFZS4.!QU/(?]I_O'S'W"8_J& K%2 MV/T*(8<-RP#=IK"^[+TE"$8(226L@!0]_M)1W/\V=4!W+Z7SO%T6M,@AN,_MB!O?!9SL+!T/K4KYV6 I MRAM.178? @E$D'IZ]Y!>M^EP7V1D+11%H:"]RMQ>,(N'@!-Y> 2=[/2+|[.%- M+;?#; C V]/(3MYJB SM<&1H62(#'+8 C$W L,#U*CHRSA1$;1793UL)D7$N M8(#'571DI I=SQ 9X#I%8&P$AK".UFOL!O__XQGY^K+X^#?Z1!S8HY=OY(F, M7T_6XJ*>-YU%(;\BL\H"'=NF\(M"?HCTFX^]L.,YR9$A;WA/;$)!_#BF,5U^ M7AY$Y2CF=RU_73U.5)1H $M8/VH68,DL*2F A8-%"!I%F#)++D:@(6#15C' M:866H>14*[^BY\V/M?D)%.-^, L+=''S?$M;?6J&5]DQX$M9+6Z"%K#QX4F5A MG;LPA8=.H,!>6^%4EJUY-9);MGN3:G2\ (1G?XI_SWSE.BH.285VR0BDB54>) ML.Y9H=2+!JJ,$?+'7'HZ0S))[!%L ^1/R9WOC!FFDB>"9SR@<)X8@$*"13 SPI0 M2* @KA>U"J-?:HC LOS_((?#_V X' 6O!01!*5V%:_;)<"!(([PWKUB+,GE M $&E_8,"S4.E(7 "S4.E?5P"S0-XD3)9G(J51%E5P&-4R6D'!U EI[UXG]"B MCC1X?8YW !8V:!BJ@+ ^GRM.O@J>GTM,OKH^GK"->:Fl.00)Q,VKD=^[,)6R< M^1BL5VY)=|5=0*XA?W)3@D?VXXPB"!NL3=,7LK^_YZ[F0V*0X=*NU4 SKD M30?\7"PZE-]W"70X,QW^2=$A*\).YXE,W+ X/@]U1+UU+Y?H,5N6ER1 9Z-06* MN .<9 "]$LQ%\3=)0 N%)P+A=652KV? Y$8S8EO?A@^T($*Z,2#LJ2]H=[= M C*$INBMD^"?7*\"NJ2!IO3 M0(;9&AL H2,%"?G10;LLX5!S^PDUM _.0H9R$B[BU#8\'7 M&)!?) [#U###R!X+WM_("M=> 'Q/-M MYP=LK _,(.1O/T^*L+V^,I=?<>B&KV?Z$@?!"T?KU _8%$P8!>W7[FA/?;# M(F5IU8NPD[M[4KIAY$YP1&X'BUL*/2-%V#PL DVTNJ+6- 26323&*L&4E/$TR MG9%2]XYDEE[ZG*P#D)>,H23\(Z\6 *#YW"(KC\$J^R"X4L@$; M7[']DSC+@KP=;TC&M_CG_/\#U1GBI(BM^//KXA4"'7-(OA%SZ]>5!TEX*L] M'B6= (?'LEW^._#&Y_TQTT1.5/P[4RB)Q;@D$!_*P A00*XGI1JS#ZI?8Y MG[JP_8^':?L"WX% ^*'()2.PKS7YC+ 0)AO7O%6)++ 8)*^P<%FH=*>^+#$F0>S MTCXN@>8!O$B9+$[7LZA(@9XF>(PJ.>W@':KDM!?/$U34D0:OS_$.P+[_E'70\ MSY]Y-G'Z7SO%L7),\/=4>OK!TU/IZ1?7QU/6$2^U-Z<@@;@9-5+ 3.*G2"]3 M)1U:E7:J 1U*4'HB4SJ4VK<)=*A0G8E.:5%]WR_0HNQ+0)N=+1&< MS'>7 +A0<"X45E #*4O!)$I&6"O#@A0AJH/F9)" MW!U0(§7N.@6O\1#HF2 S6D@0'K.61)!@NVIH$,92C>D"DI8(/ZI*1(7^1$ M(/S 3FX!\9.CG(6(N+<,@?U=8 @$R>UB".SZ D,@;NX0IL!>,# %0NFVT@-V MAX$>$%VWE1ZP7PST@(*[O32!'62@" <3@;><';"H#/R L;QL_-!GVF8$?$*FW MGR>P]0P\@>"]|?R K77@+\3S;>'<';*P#/R#$,S]/A-U>+T2HZ3T98SKK=5B(M7OH!?1NV&=9#U]CE+TN8= 8#=^RR'I[\M'- NQ\NQN)M1(8-#XEP' F31EASR MZ5%$!M$5?3;#UZ7%"]Q7,6ORV ZQ<:E%0+E\1_ (^: N[*PI0+C"T5P3Q M& [0>)XB%W9X&M!88K:\$L7:X('ZC8QPGB(7=6@9H%QC:>6G$PN[P%@<(W[%'MC2#6O*>09GBB*L/[UH$Z@=/H%: MEA,HK*.W !.8D\]'$=9#6:PYT;*<$V'] <$6:D^Q.F,.$!.!2<\4RVI.)XV/:-D L69\$S7\")YVBHZX=F)]*)Y MVJHXX9F*I*)YVJHXX5EJZ7K1/&UZLY(3GMD:KA?-TU:1"'<^,X47SM%5QPK-< MP_6B>=JJ..%9:NFZ<)ZV17C[!#%'T1<'+P!X3&X'#Y%Q_UP%0/_[?>-/ YQO MM5,!ULX+Y<(@RW"N5U=,'>4B#-SCO.WN!^HTMV,H $4Y,;XP9/5F/^__4R M)L:+)!^W9Y"KZHQH&SLGKI<;,BG'-G<6]#/L%QO]/(?2+/+//NLSV>.7&R M)790:A;QA?UVT,6!YWK#\(XS#R,N[Q$\Q+3H:<(9R;1,+]GJ+/.?U>D;*.7">"XF"^O<*>LL MGX7+PCF*"!4^F_D9R1\S^M#N$_UG75M[NT/OPB,,U5O;?O.>VR+& MV/D%CWY ^UNW_?$83T-R,?_PV7'#Z1B_4*R/?8_4^4V?)S@8TCX]^E'D3RX, MVJ4G$D2NCO]X,+]F3V\`%7'V`)^[XY>*O?I^O@ M7Z602M-Z2%$ZB"\,W3_)A=*BX\O__!5WS:3/X9,QZK*AO7'3;_?O4(/_4Z_M^Y *":_=H!4/W\L=]K]_K/]#.S17]_NOR;YV;W\OH!O;!|H#0^_VYHQ=4/=:0^AAU M0==!%_Z)PQ"92>1[$KJ7#:0^ANZE;K9[V#N.2;L^O;=:,?_I");/G>S>S"7V(MC1(!>D\&;$53:LC#;+5RB'MQY=L\Z0Y;/&I<=@[H!6VZ?/Z=R]?E4]HHZR%+ M"%P?DP%M?8-/Y_R[(.Y2_.418_M/^C#VP'#+|%IO!E??,*CIQ_/O,!KZD6!. M5;*I'T0UQ%7HB"Y-S]"%P'TF3CT*9HLA5VOM__]+9>K-SV\'?3YZF6+1,;\W M0PDA]/"@3KPYBC0]K\DTBA5&39804[6V M .I2=.3U,UQF!6_GXP"/PP4A]820NF"$[-]W;AYZG'.Y,E*.16_ON/ 5?L[" M:#'+& MWSH'M\$L4]6NRIE"'P>BJL7\<%,.VKW9.B&#% 1B\'^9CURSUNYX05)&M_@G MFB(QRK@<$IL¥]-PD.LA M-PJ1/>++W,?RV;^ZV5 M9:?]>NCW2D.76V=ZTL[N:8>8¥[M,\;FUK4Z?F;VI-MK@2\G9IX5C)GNI[P/UGZ#2%F.^6N'U#%@@#O*>6)\'J$?O%SZSFLUC+;(9KZM MB$P#_XD]9ZE_F;7V=QR\C+'G;!6KD?-ZA)MK([SP9U1Q(OKXN9>X1FT^&.]7 MKE.MK9EUI66IBK%=LV5C7 PXOQ72;_HN'\0/)&(:CD^57,"]+^SP T=EY>:# M8U+,744OORP88B\I"/_QC-"+ ,.F91]S7N&\|-%!W;AW!+W3(7H,"W$?B-C^MP M2>T[/+ONLY>$*>VEF(0=QPE(&",_^4:?\P):%$":K;]+[@BV1U%,Z;L^O>);

,R(E[H/A'DQ|&7'\9^&+XODVEAXSP^`"=G0]I^^FG#D8WY@//R-M0Y>KPQW'N7ZC8WU#HMM!'S]OH(E*;,(A0&Y\M=@]@7 . =LC8K "43@AK%%V2-M9:[O7Y\
<7Q70:..])A.F7#B(X\&B;0_3!(0/7=J.*98W.1];,A[>;C.X*=:[B-M84[+#IZCQ)-L?=W#<3@_0.45$52'RM_L0<7* 2A-2=76DSR>'%09J;P%BM[D-M^\XC?
^R0(/PK(G_,W.CE&$6WLG%U>SP-#ROCW.6CG)8G+)]S:4BR=;.1]F&]J-M"[;5Q9S^Q*H'HTYMIMF-"5%SBK]I-D".LN@+Z_%V_/]RD,D^(%QMG'GUL(MC^"7;$-X^/9/EB-
3'HES^&&%CN<<+W\:N575/6I"SV2O (N!Q2<<'Y(}OBZW< M*A:?G,562ITT-B<,_\1GGNSK7KH<]FQ6OXV\<3<$E M'- G>3PE_3#@^^E!Q.
(@HY$;TDXEUS6RGK"3C^..]-#C]+Z):EOYES66D=8U-ML&6:.^D ;M Q#U[269=@&T6T+:T9+-9OR_U\-8'[3;"$9HJ'I/X8$/RS€@>T M?Q=X_
N_A(PX*\,P<;UY@RR9MC@M[$0;Y-_M]274 M\^STR#IQXI>0:85"E"VW4Q+P//"Q')))P8E.6L^?'NU550V&V5#TYL:?Y(;R\?MMCVHU#*.5
MZDG;OV_IF\\:WTWUIKEVTP.&,Q ME=!-MW*7F5&OXJ\Y_S8%_6]"APD6&2XCT\,''7(L%PI<:*4^1]DJA^57[WC. ME?OD.L1$E=HXCL]'\S[8B^--
K'65DU)WQ"""X>,18$0L"-FAWIR=B@\/8I5 MIE)PQYRLN/T2X=:.Y\MR3"R"B &<@ Y\EHZ]@0;YL .C;)#D719E$SBHEIS MHEY5@0#PA969U*'LUBG)/ RS;CR0fY<.
[$AD2])54[HYF=0WT;/U!.I\'AW2^/ #UP&8[="(D8O2%ITUDH MC'fL/'@T\& MY%51%.X_R?WGIYRH5U4@](/JDB@@M!U_$@<-L>LE10D055PG\P0C8Y^^0*** M:N ^\2Q
7(ME"B3]]O[{UP[_)(S] M27!QGT#K=XHLEK+EUKM:@(@E >MY]+\13_V2VJ11:^VFI&G'Y-079T<:>%)6 MGJQYK4_-$ZW65E1)+DER?
2!*28ER6GI5$JD]&;P!/@B;@\67<9GYHH1KQM M8PA06$-4RU'4JTKEW-INT M(X0C-,!N@)Y8Q5KD3IF/L<6[R2*N5CF_+$*EN,4L9BR/$16L];6#$DQCXX^ M%>>
((N!]7V#0"7!E4IW1E%1+E'K5@*0\PV!, *M6K:VW)$,143(.@-6^F(\3 MX,KBFGOK^%+0@;MK(9\[M2]ADS57VJBS8M26UM'7WXE&E:LX;[']$ O)X6#D>
K+33L9#I=8V)-7(ZC0S MT% D. (-CS-K3\9"M=;6-,EJP6H(-*PF#*7>Z -=[/PW6J:,5V2\DJf0*<^Q#H MJDS.?10K6!GNAV!O*V]T[?6===]^:ANQ:D?:QR
_<+=__Y^23]514(@5ED MZ9HG]%P+2CEZ!TZT+D-_3#BNV%."?8&,Y"AY>L.=15 3PLN((/#0Y9RV$OH!:IQD4] 3T"(8>Z;CT>/PM#3 M %'QI.K^^N.I5%=CEN)H1Y%
E=4@\F_#CN%% GY:PQ_9#.(OISICX&]IS7[=[MH6-]-I_]CN?TEP-]R<9YDP!1:VW5@ -L9<3.KCCN3+###4A8U1T=H W;$PTIN M8D>QM9N9)90'Z
@$G9T!LYE@A^WG:>M9;43"SODU2U&OJH#7]B'R[9^T,66OK>E9GG0 S F$F(S&3TCO78MZY5A.D4 D1M:\F4$Z0LABD%,&K/)]? MS13U[@HX?!^2G(U_8O#P'NGA?
3V4B4&*C &-QZG^2P-\@*W2Y1]5"2U?4 MST(R^1HD[1'=U;VZR&ZRO00H0P4NW!)B9ZC+ M-POP:+6V*FFJV(+G_,BJ%=5P(?
[!7MX2%BR#C0@!*)NL_;K+L?WFI!WVL)Z M?,@1G+RE!- >)V\F +B V$NQG2D H#P|OIG@A]4KD%K*T2=+ 3_BX6>??S<3 M +$-)TEOB@V@\RN*^'^$Q\H].6U+5+
(JNU\>8;IG M-5Z/"TLM2EM\+5:5C'P*0F0[/>+8.W"LXR.#^LMQ_?M'*>E6IXA4WH]ONW5S>?N_&U>H^HJ_=Z]O[+D]^[!?^M9Z'
M^^C@D,)K)255//9H]SW/JB>$E?;X#OS));W7]69T&)(L'KX?2B54$2'Q=7W\ M3.+N>A&9A%1IX3T(_3%M[+"7*#*I-1A6$%>79,&/04(B1Z#5
M7K^42+1B17@DU2Q15".PJIRL*M!:I,/DB9+AXI P/1QQB>5*(G/^ROQR,!-+S6:I.A%2Q,[M822$+.9H:>W!T,XCI8:9V9%2)!X #J1#.*A6FKSZ%.M@)!X$#I,@]Z H768
M6+6VV1(;).=7(T6I:H]Z>_X&PE7EN [!E>) +0R;(7?=/OH]?9XY]NWV\O. MUV]=U+]%](?OMS?HH7]f^=[N_UVU;U/O3<.X7R5"^?;%S-+HJ57M?.$W3%^ M'). ^?
^E/)K{'4^6I9ILVKMIM1I@LL>R%9-LIUN93-E;GRV)$V'E0W(5DVR[3/1LV0; MR|W6DF2SPK8P[OWDLZE4BY5Y; 89&I]!Q9ZK)CLH:,.1A'(C@P*,+#:=;S2-=
[8G=+4,6=%F2/Q6SJP?=R3@1;EWN]/4MU!0 M-X'+ _/8D%BA1<>2EBL-J8S:TK"H1%,!B ."+TI5W 5]]# _#G<-=J;;FA0O#[!!$AB_%;1GLO33BQ.;[@T MO1UPI3N\?4
&$'@*^M+!L3 TR+ MY8K>YWK)MP$ZWN:3RO&PZK"^BP3_PP/V8;4=>NASW;Q6/T$-$O)K3](:*B!='FNI0OPX#^-,5! MQ/:HHI$;TDXEUS6R0M#9QG%-C/-
QU%XW/TQ(/AG'0]HI_R[P^!=^"1F35X9A MXGKS!K6,!D-O6N")-LZ\|=KQAF2,;0%/]-T/HB';#KWO]OH2ZGEV XG>^BU\ M6F$1)T?!>@U?^"%&]&7
MV0>PY0/M6S3R9_2A3KC>_NV S%-J\!5Q*=%Y5@,Z0F,]#Q>*0&398'Q[XVVPM\7_YP0TS(;LMEDW$S<0\F+$]HVZ#*]6O]>,QN6 MW-SXD]Q0-GZ_[5&*W#
M,]6CMG_?,O1,&F4U#$L5K$V*TC",S3^=KU&MA]&U M!&L3151+WOWR/?]0W>:?N7;=\@,OIK-(\3O]44 (7;Z\:]2B+ET J, G4RKP M61^)DM(E57]E=%TS"BM&-G;WM M?
#5&KT/;R@P2JI#?8=>ITX7W$D_90@V#>/@@VO9L,AMS72TNN?(]!QOZ\(T? M:(QSL<&X'CRN]R3"]$L'=1='0Z_(P+7=:'OA&AC%M?7%C[@EOLU42+.TE"$T
M;F4D_AHB$IM+F)M6_V?ED8I/58CIS MK[*30#,I D< $)#]1%IZ$]7+8MNR:FW=;$E:FE68%+],)+15E66IJL]I^'H'5 MYXIGFR77VI]D; @HRJ[*#A -B"8(T8S3$8T=+5
LJ;FNU'^(#]@'5"DBU5$QK MYJTY6NP0AV%(K>-+\IZ"916()N'^%X0QI-ED]WX>$DY'G*=M!#R!97 MSNPI;T+ /$ (,-00YVH6T/!?
T2;YSC_P>$9H;_DOX2;JL^,U0DO,W\1IEDX\ M@[V- OA4 ??B="T=[@\Q"W?C/N5"9U)26.SD)Q #B%$ %1VP!EBK'M8.,@<+ MF[TKU1)YD#V8Z1+9BI?
(#6[3DR^1H]XI?!S:/#$BKMPGURG>$Z(I=AU$(;'1 M#(C5(L;CGP!4,6 -L =8 :X"UBF MG6/V]TU+Q2N^%@V5Z(O<3A*K2Q;
MM;8I&4<%MHI#AW+OPF5J=F4$(%66A0%0!3;=XNP++$T8\4+,AAFVV,#+:1Y5 MP)HHP8X\M^7EYLB{7%2FQ8.I=9NRNO+!K!!%,B4F T@>0%K@#78RSI=:,/A
MZZ(JTKI8@;-N/[R T%;\21PTQ*Z'/HQY%C&*A?OO7Q\0]AQT2J3_0,?BNM[MS0M8 ZP!UL]&M33*BR[O5EYX0LU7^33C/)HLI^8-B6X'??RRTGF" M',L
>E2*'D47Q>7>SLK2\LI%>.EB":*&_1]4(NG{C$"H/=+>?!{@8\5L 98 M ZR)TC7 &F!-1\UY7]@@5:Z62G%]9=BHM35%4H79FV("-K1.:5)= !RD8=*]P MI[6:DO.OKVMO[*EY=8
AF^363*KL:?0&'_&:O;-NU75%+'9CT]I)(Q^R-;Y MGA(>JLS*7FM'BY,ITE05S3P%'B:FJ?O*+634AUHU=IZD^H#Q]?B 2(#D:M$ MY%0'@/2U>C\IZB.LLY;5]M&5XP_Y
%F!K$#6-;*>K&J0JL@L/8HA67H&1_: MS<#F2K Y#9F5O"OMJ0HK2-0T)-DZNM*>$$3F'KE/$:8OG&<)HO_&[WRG+C] M;P*!H?'@-
V<|/20V_@K%H_1=XD.Q!A/0W(Q__#9<;CY Q7>L.?U_!!~2RKH-J8MAI[$VYB\/X5:5!@?5K_7C,;LYO M_$EN*!N_W_8H16X86KI';?^^I6U^2=I&60W-;
K6)D5I[&;.E^?>*!%GCS5* MW_WR/?[UW5LQYMIU&Y;-4Q;_?KL^,"G^/0H(0=_1=:,0=3V'..N.=BU-!?"= MHU2ZVNEQ$HJ%>#K"$;K# 52>/WCT.K2M;.W'8SIPKE-
W/72)IVZ$QS"(AP^B M;<\FLS&.*5Y."EZ%4^*>DE]3-[-5RX&'(9F?46Q!I%E:RA IO&DD7FUS_Y^91S8OO =s&%35 M[*]NC5-
JK9KP.YSD"BMC>ORV%A0*!A()T^]4).J[4+"]:+6V;C8E15TO# ,L M Y85E67I-HO6BBWEMUFDU]I-R6@:4/<>B%8]HfJWEP\ZS94:'EC!TJ,KN/Y3! M.;R'0A,;$NH
UD1T2AJG2/>O\(.56>UF QN #2!Y 6N - _>N?]X`]TL7A0@9W'O9FI M]N2%/, TWYFLM[*GIS,>G-((&,,=Z;C7!8F126JK;.=(4..Z4? MLDY]H#;CI%F&>9+2.!N0C(&$?
N$_D\!+IC$)>G*78FXD9>WX$^2BBOUSZGD.\D#CL$Y>6 MO)C+M>MASW9Y^0SZQ82V/T0XH$_RD$OI,@SH3U,<1,PY'XW*QTJ.)Z\V?W3(:.M#
(AI,23:D&V&7L<;DC&ZQ3_1=S^(AG1LT'VWUY=87: &$$KWU6ZBQ0@B*_.:X]/:/ O2:/_"'"E;IR[0._X'V+1KY,_I0)UQO_W9 MBEA=LM50=>,=U27U/?7[#GV4(C>:.AI%5?
<*,&F4U[*9$*4ABZG*[]XBH%] M*ID5E\P044TH+KD69TZ_+5/4G]E>D)MR971@]24%ORW(,(M26AMJ2PHPBU M)5-&\%T1.UE\%.@eO"05.#MJ=6'IX@/$V&^I)
H@J3*/S%GDV8QV:U!*2$/,)C/<@S M2]E+0D@"*\)NKNR%0/(.(3,^TM?R7#] M\$^Y+++RRY)]R,/X,?INP9Y0@%K@#7 6MFPELKV/<>R;\;+OBAJ<06B%NI)
M=!,8(QQR@S=DE6G"MZ8OY* ?8MQF MN=[K;W!HGWR]/_4>]N* {D!<>4^N0[QG!!-L>NP&IX;;=KXG"[LX1;. MF06.4\ .8 VP!E@#K 63N$EVQ,-
N5"XXJ/S7'Q:$HM;*LL(1YD]&LYYV& M K$"@ ,X<) 1F1D=5"H4{$-T1O?]HMTFN9GMUG;,,*F TX,(06US\$ODC MFHAQ-L?$USZP<(VO5$-
YN2*E4B\P&JO^W&H>7>8#R)D <$,6 .L =8 :R<* MMLU(!]#%T@$J<-#TAQ<0VHH_B8.&V/70AS%+X\?V*>^_?WU V'/0)?T QTR+ MZTX"5SY@#; &6"L;UE+Y-],]'+
]6;?ABVU=Y,9=URV](=#OHX^?4VHS!\D,9 M6E:%2X$>0 \0Q8 U ;&6H969BR1NBB6)]["!22+D)GAQYLRPX,3]3CT!H0"3X&G]7EZ2)*PHY+B&S+5#Y]*E$'1,B
R$+E*1$Y@$U?.WJ0HI#, M.FM9$31=.?Z0&I 5R ID72/KFFQW!6UZUI2+)U=.%2(6C.'7B?(DQ?.'=5T7_FC5YY3Q&6/8% ^\MC
MP&Y>]7#E)1A>6U5!4E8$N\6DF+XY_51H4CY_6O]?.;H?JAI_DAK+Q M^\V/4N2&:C13/6K]RU-S:115D,STJ[fS8I2D-M6:(U2F[HLBY>HUK&ID?M
M\>)O6KT7EZGFVG4;5MN8S^=95LS-P5[T&_2=7C8*4===SB+/NPM=>B?)C!FE% M@=HFS'=MB9QR[%H'C5ZDDD{[=-D9PPKEO'|9Y$F'[I MH"X,/-KJ$'VX(@/?=B,8Q<-
'1>]3-J--V\:QW9?2E#;/?>#?0K8B>+K\(7 M7S6_*L6<==4M\4*TJ3*V[F1D=5"H4{$-T1O?]ZD@?OUT&E=J!1,+T.Q6)S-Q=9NQ.J6E(F@DL M Y:5AV7!4@"W3K<)Q4I *Y*B9E [#I@F$N*
:8GSWWW\<[83#7QKXF7+N^E2+1>HV);T8^E15C@B\IVK209PZ-'>$<+0I>C8/ MF!V8'9@=F)TC%5+S1.4N#'Z"1[+T8Y110)" "%+WA+5EA:"F+ Z'"*K GE]9@
M2AKK]WAL*'I2BW+/3]K%[I S;KDFY&XJ+"&W8AF"")$'> 'Y07;$W2$H_R9 MK$)UAH5+$6&JC\L*WR0IE-27 5P>S-[)S M-FSXN21!;K)*@R]DF4< MO<@
HH#O,#M9:IBY\%T7C.]5<,/N2_L.!K[(!Cl,#LP.S XXQ\ Y=GC(P5%) MB)M&K6U(BB**WPNDU F5WN.0TO0+.17PF*9/?*VE-3$@4=?)OJH\%3_=4=3G^-
$N3E;0PFV)AONYY(#(0.:\88F.M MFG1NQR>,5JW=DA0S@RABX#)P&;B)QN6UQ@*>Y<=F4X\.FK0UZ=KG9#!FM@>L" M*.'YI^:IHVDVR72K 5<==!9,@P%6[<[LG(DEG
MB=&G?L@3TEX$9(PC]XE\GN>.YO)IY:Z$U/+R%OQ(^3N+MM^R+1M\;E)W+2.G MRC-RC@C"-CMCA[T7*F#0C1_1AT<^BN@OE[fG$"\D#OO$!1)/+'OM>MBS79[*
MDWXQH>T/$0[HDSSDTKX,_K3% <1DG4JN:YPB/?YI5R\^CL:;5!8K M_[+&LE7%-:!EFOI &[0.0]>TEF78!M%M"VM&2S6;\O\HU$1;,AH%\PY,\9#4 M'P."?]:Q@/;O
H]_X9~007EE&"-N-V!0BVE .6$GVBAO1FO'&Y(QNL4_T7<_ MB(9T9-!M]>76%KC!A*]]5O8M,(A2A=V0AE=C_U?H>C=^?##PS/!5WX*$\3 M^0.6+09PUSZ
KQ\UW='O7O>_T>S>_H\YEO_>/7K_7W7X"\(!J3P&= M8QGV\549A=QSQXG9_U19O.=T?<0HU1.SV:>(;JF6FOKFM22FX)&&D*L-O#@-M'\&WIE;*B-N"K&T=YW]G810[/"
(?!83.O.U2.]6CBUZ2NR!9^^C/[$N>#FS& M'"?4:O>G), 1$%X=H-N\Z[WF. ^[-4=11+;# P16=;]HK)W,). ^*YL&"!,=@?U)<'&?3,7O="::8 M9+WUKA:#'G8\I^?
1_\;L1"HD]" _B]+.U)^'G]F\';U D/4:LANH NP%Z M80FIZ,K/?HQE ::UH%H)CE+%QFTQ*SDCE^FC+N,DVZ%B&U2+?,O4)&U2.[0E M&*LT 3.Y2*98H:*]4=FO;
9D+8CKT=;;.\0M" MLO!L,,>'_T@;&LOKN7P&G?>]PG@^XMUGEI;ROX6*YA23440*7FL;N@"^-M!M_7I'HN;1J;% GO4/07LK.&4#(;.459H*$@')7+KV
M'"M#@EP/8A>+ND3>S0(ZBR'AYW8#$K}PQ$[%?_:'8\&@3]!>#!PQU0Y>]>1 M4EC9ETK7U.0=\0.]SV86'[DB\7]IWAU^X<$"?7\^%?-CX=_8P*<6BBTJ%%LJ MU377[
!F..H #B^K9<0;4K "I_8+'4?Y;4-+7SXZI*_]-4 IJ\H\4TA5Q"*SE MV3LEERR6>D_7I*8&7B E];6K&XG I,'#H7IS0PR.H*?*44!:CH-N\5SM?3E
M'"4Q&^KP=G"_':GC",.W515EW>,/;JCB0RN=+$X%K8'{3)SZGR3P-Z%*6Q00 M$P175=*8]TMCEN#/7WHS_AHNPU[B<):?4FR27[@5>>O M52\&?FZ/WA.;N$_$N?
4R8Q;,*6V]2G*=AVHVN=3M4^]-Y-*_+&L:U'594TY>@X8U#,!01\\^3=+5<9A%V^0LLH.=!F*4(C@@:S:$;_6F9?X6=1^U\[8%F\M*PO+6REPZ\63,*?
^-9V",S^,.FI!8R9]1DO>.:-.?:NM0$\WT9\;4S /,:(+C'.]HW^&J0^&TCAKC!A*\]5O8M,(A2A=V0AE=C_U?H>C=^?##PS/!5WX*$\3 M^0.6+09PUSZ
KQ\UW='O7O>_T>S>_H\YEO_>/7K_7W7X"\(!J3P&= M8QGV\549A=QSQXG9_U19O.=T?<0HU1.SV:>(;JF6FOKFM22FX)&&D*L-O#@-M'\&WIE;*B-N"K&T=YW]G810[/"
M"U107X\]*IXM*12YUK8$R#D$VFF^Y\"/0DVZ55I1^"JM"H"]*]FNO:26"Z> MRUA07C-SMRXV)=@8]_$S"=_1$%!41@Y#AZ16)815>K_K#ERM0T>KM^=,+-
B&A/W8=-.]DR5EUJ/V7 MU)^[^_PGUR',UY M;&1' 0Q-,C,SO'"%9#%.B7R*V+)+_ ^NX3^TO]) YU0E =):?=N]'+AOFBX",
M>:CUVU^N$XWFZ%FY*^[^A;R\|3_289U%VV9&5&;,&W@Y N;RIK4'Q&$;98Z M"LO=-[1C1_1AT<^BN@OE[fG_-^WPSYQG,"(_I&4]L-CM*C\&2(DG4]N:RS
^G;DMPU(^\MCP*8MY6VGDR5\')NO&[CZ[RB8 MMV6*AZ3^2%7 GW4\H$V]P..-?^^5DJ%SIT<3UYL]N,1&:%D&B#=AFX'6\(1FC M6_P3S4_)H?
MNKR\AJBPWD.BMWT*,%3I0Y+,%_;'ZN*!HW?GPP\,SQZ5=-^"A_M4_D#+;R(OLP^@'H?
7(*&7]&^'J$Z=N_B2X'W>+!MLK7FSGO+WQ3\G_+>:#:K=;&G^2&LO'[;8]2Y4,3,%,]:OOWNI7N23L;M;M_QWK]-BK+UO[[-MMVI9N^S>&%Q"6;
[T&RJBO6@4HBX5>LXK;3.7P3W@_I(,]@.9TO7BD01(DR6D-MRJ[^3*F_8,"P_UZN+5,P5P /Q;W85U_N_WG_[J^O_V.>C?_Z#XV%>OHC#&@OG;]Y9'(0OW"$]FNF:]7I':,FC
MMZH.S^*4FDO-6EO3+[T-#:F2CW)-@RJ9S66U}3.28!$BC1[SBQ M]DHL3_#_TN4V>]G[OSSB(*C_G(/;^NLL!"\0TH=SYD?3>IYG<58IR9/]]96 M)=4 GW7)D)7:9YT]M-
B.HBXU#0'RTA7CK$-55/N-59F8[X6G6K]D'Z]JU>?D MAOF.HV0X[P(R'W7*\TL\'H<[W9YI6;_),$%15%%*%H"R?R.WS#&06T<5V_[< MD!,8/.5YPR.9QA?FA\G4\5)8-
2PSO\N.#S,'XUA3;VW=D"4Z(H(X,4'-/U65 MHM_6^U?>$;6"IC9+X3;/N3"0GL#35A^0EK-W#X.6DP2#);[9@F MZ(_\A# U=L +,/(MNT06]=F(W\44#GB*@11,AH*?
$ $NUW+T;80@;K_*BI M8)"(XCW:*K!!-CE&6J\737Y5*3FA4V\EQF*=*\U:6STZF3X8'^(IZ"IG 6" M3(]D M75$T/"OBN%7]J3R)"K[
@/_19493%9CDI5IK58551)UH\VVB%YGNB MS"=3:H[89/O&ID75ZPQBQ4Z106_>B/FH&Q1UXJ1,$#>90VZ9'$1>7-_F];CN MW71N+C/(ZW&(\#O'_56R3:]
<)@PIAU4@HB"/?&Z7^JP9OOUSY(\I$2IFD>81 M#G<[6 5T]1,?!S:\:=<9G44J:)*A"""B%NS2<\2 ^980CA>/(VG|:,+":FTAY,$$7/O)!*8I5X% H M-I4-
AZKI'?/GQ*R",\T_E1E9<+JT/E%%O< M2X;[."FLQ^=01#EJ"PKYF<*&#T#3;D%L9":(Q=HQ*J @GD<(_XG9\%=+ZQ7HWLLD*#FBL@JHSSN=L,C<6*:)*FK.N^ MA?
9.'RR55TIU)H^HL^LOE!:/FCT#=FY(A*;O!/>'8+$?S/80/ZZDNF#AJPZ% MET,^A(8_[T&C6VGI+TN%0<1E!],Y8D7VHVFWO M9;=;*9927E!)_&%E5_!C+
(391B&SOJKEHU(&Y10:Q* MN@:Y/@L"[R. N>"+8MB2V>]S +L@O2ZW'PKBYP/J4ZI']##E.R(?XY'ZY=_MCVHZ1YVK;[*-1466##,KO5F(I\9=4E0^1)DSYD
4Z%)7U0)$UI'1\4{G[2 MAXP.VQ_4T7-E DC7N JLL9=_Z]S\WJ7K*5]H17B][?[]1^\?G6_=F_Z#A#HW M5^B^^^]"_[UWVZIY+-9LG.R16)_TO_'L_8B':?[1'VAN0>1Z0[&!!
[4]JRILKV^L!) M54+HI7-2G1H[*==:K=;6)$56!{!'F&;:@SR/_#Y?Z$GHD0]?S:/?8'L240Z**_M^]H%H0]X4)'L3(UR73FP)!T86U*K>;1 +ZB_K!"_MG7C./E&>KX]"M(V?_\S-
K#@]\++&25/I3.UG&GR)D=H2R MJ2EIK1+Y;(}Y63"OBV2E@\;#JUOZ&9*42]GR*6'#;W(^S(:0;,2&M\@=+8VL)^SD MX[@=@&OXFF_\D"O_LL8RV> ;V#)-?;
-6H:A:UK+,FR#Z+:.%-:.EFDWY?U2C M-K]HM##OIGA(ZH\!P3_K>$#[=X"\O_]++R(BS,@P3UYLWR%1IB]/"3K11WHS6 MCC'9XY++F__Q5.3.\+:.U
MFR91519X/H,TBQ65]?_G38KUFIO9A#[=7C\DI_R78Z1!?<>B&MX,[[FS168]_FH6T,6%X14{[<*?L]X[G)+D#Z)T1V^V M71+VZ?N^CGD^VT3M8ON(K"&N-
R-.)TJ^8ZVAC\)3AHI@1LXSEZLC0-=(!_&> ML\5QM>\|+7+X:W3E"Z9=)}^+'++K-NKBAXVIM!ZH5>6ZIN$P,11=:\PPY W:*_M}!AP3*ZC#Y$_)%1H!NB7&XV02Y6-
AN=958<)=#TA!V MZ=^_+]H2ETIGS_9YG^:?LPMDZ5/?1>DC<1@2.A#TK;S[/QH/C>63Z63_)%$# M]?E"LQ@1Q?S,-+& WC\]07VF:]$$_Z2]#
B5WW0"/;:]/I&D5[%>-PVHH1/0 M>6?O\LBO\4O=___9>_\;OK^WRNJJG M=_]Z0T!2]"TD6A>7]S_]GL.9NH$$$D@@(",F>ER 4GDYISSG/.!QP ;A-/)+ MYG/\?
S[(@.\+*Z2&83K(TIH1?/$":(#X_ &Z4^'+YA#2Q/-]FYGX;$?280(X MOBF^'\O<:&C+]^!;$EK^2P:WF+CH.DG@;H3HQ2'++(?E8\[GMV+ 62]@OP>T MW+&?
D/3[(_7]8\=*Z9XB)Y4XUX4 .#6^.9X?)/17)\+

D;P2VL1$,)H'5K>!VVC:*QLQ 7AT_6ZPZ2;/ M%PEO5@L0=%,!K0&"4C9-&#'-V_KH^1GFC5,3*?}^;9C0#B!,")K;HA$Z0W.(3:MH\K@ R^OH1'?^8'G5;.=;?;4@2U:8 MJ=!Y0$L<8)"61A"NP%2MN/9.RZPV_+P,NDNW-NL':MHUNJ&*IN#44-F,;63 M[*A/*%CPBEBPHA_9,@MJR(*JJLB#8?=9L:B):5@+B*FK8#FG?OX*XNCWV?MT M6OR!, MUS/>SCVOLZ[)XL/>K;K*>@%XGHC$GS<5;NB.#E/AJ'=K#&13VH#G+(7;RI'[>Y.6@:UX1NA=QPR-YDW&)Q,^>^_1{_,4',JF-I3FFJ5B: MH,# 15.AS M&]O54SPA]#JKF0N2'001V2^[^FHM^E*>9,U/M^L[?9TK6D1OCP[QOF9!'Z# MPTQX$9N <68T!UK;K6HA_)A$\;W24[@%&T&P.1*LV3C!*MB/PQ0$6ZGBY_0 MZS5@V#Q0;=%F*KFOIXUEP]'FR_I\$_VR>*EDDS.X 2[B@A MU.9?FC<[-C5YK'J6U<#FUIK*DQ(V=Y<(R3@:(6'*G:G+(WVSS..$ M-O>OM(VEU%AUH!R)-Y?;TUX:\;@KDU&?!\;+;XZ# M!2$APXS DV2DZY!V;4&&0X<9HL[/2>4CK%/2<#AY]=^Q!"":+(10]W)G!O# MK9\ZT8S^2N(06=7N3H"&*N;G)#?D; MV7&EIE>94ML[=]9'=P_RB:X5$9:10A;\$X%NK.>]=N M%!IZ-E:%6T=FU9W7S(`BW6_,+5F:SHU!^W-&"^Y^F7]^R>Q?L]?.4,_7]+!.M,X,.R9#);R5$Y'3X.?S'V*/%6XS WAF2^/^S1.8;; &.0]' M82?2/+F5FD1Y]+Z91S@D/7Z:W8\(INJG2/"V/XV6*-RG!/@OQ!?'V0VPV0$U M/1%;/4Y_H-#,^ =ZT&:]K((!'PN>S #9,Q/C&5C/"H"XS.5$T13M"G9-#8A/UTOF\8!0X&*^^@'OHD:T1]'IR$\$Z<;- M]!&;D/T[X)>?\ 3^DK[\G(V'-8QR+NH3:,<$_A3HRN+0X6">(VXY2LY*<':(*

MH2@N\Z"-4_A_A]!Z2A1+EO,2V)3LGQ>$;7\,:EK^ZFUO#19>A$"K/'7G93<+GE M8S.>2>$-8>^I;T,AYI'UX7^S-WL2_R;*=0=@KTL^"PX"M-&]%:/TRUP(H9!)H'G3T N(8W& MQ9*PN)F3V,F6'DA4RZPW5DH^:QF.6?A_BX6;K@S'#Z;2S+YVRCT?R@B!U M\Y(C)CTO>Z5y-=(=^ DPM,E!WD_MMXE&B+15,]#V+UXMB'6P0U);(L* (FX77:/:*$HV%X.H\/$&E2"8*B62;6#8P M'3#PJ6607G>\MU9X.C&],\>&LPZ"Q'M1D(Y B9]JQ:Q6I5#")'9/0+C+B#_#MX3;H>HV<;7Z5F1]^"8[;\C0'FL<&%"4V.BSR5]B4)RO-!8#(RR)3ZT0]JL4 M))O.I]"[V7'3<[YDE/$,"3^:.$"]&1F+W)PAF=^I&"4]RYHHY#9U5!,W*3W9 M^!0SPZ3A:@OD)KUAI3%X]\|_PQL#;F'F;>L2@>LR0<&B #;]V_6>MQF7U!N: M%V.CQ_0OT_'"111PSRK.I]FS4PUQ1RQHXDFT!5=1!>6,"\1OS MJ^5&$5Z3/'GL%0.."D\]CL!&5F&];TI6#+:70>E0@]U?Y#0&Q:B3ZTH((6/I7MK,[<% M='7 G5@VK_A-I]-]R7=5+HQ/ED"K09(Y'2(V<7R?);CDR1>?H[50-F?"75I M.3<5<@Z3U@YL-YB4N;"4]<.R'8] C@,&ED/BV!&-G- 9K4)V_5(2?/W\[D&Z MR7>KC)E;A1SSG@=FIE.\HJ*L@%8=)4'\ M7:;C(A)XRYL!(3R]K(>_ !Q#+!78M^WDT*E"75L_>;"M+S?>,QHP*

*M&;/|%i=MG^_O8!V6MY;3F7LZM12RQUA@16X:05M<3L+$_-;4/B"2*4U65S M*@.1SBG2.44Z9S?2.?>479@+8!N6.1KIYJ=.62I(&"\D-E=R#_#T4@PM59XTGY$3L,RV?RC1)+1#*F$P'(J MOLQO2S'|5"YME"5+++@GA8[*THR4&%]:6GG3>D#.KEJ7G]=[-R14|-MMF[KEMK&;UA,C*7$NB%F)T6XUU:(YO_+6HI-$F(KS1ZBD$2P>-O;VV5YLTG7 M52AXM$[!^=MW'>B-?X(JZ'@[478VL8U(.]315*E50-[$_W@;-RBU74]@]*&W M^=`1&EVK;Z(,Q+[FAI8Y[H|U:FOQFE3^8FZ&]>&K7S<_U\?]D:$6?C7H*54_M'VM&K2?*]6J_?%0[!JDM/Y V3ZI'17!%9LDUOQ95[H:-M_MLV32=&(LT$"M.]?W5?34?*>W"RCL?R^ =`=ON DI+I9M2>UXF?U[%/RQU:P.UP2CWJV!M*(%1W2=((!U@VV.*

(\S>K69]LJZ751B=]'O96JQNTU^-D4EY81ZM>83M\Q M.JTKP)4!F#2(NO#ID =A4DC>*LC)LVI>4L!XV@\E,>CLMI7T=]U>3#G.M<& MHF/KD17@EDO)/^ 7"*_^#YE]Y>?SE9W@!SN8[M&&4U>PE\- UD<'!W<3S5R[M1V$E:N'X%*;U;H>R,I6](93A(-IP0*&Q-,;7\'6]51B?,UTBGNL?+"QO13V M9@A8)QMW%H-C9](+:G.;CMQF#D7?US.AM%*

*<'R7.L,X9_G9CFL&N-)NN#S.;;?6U1DUA>3(]%@*C+_M\U)>$4PQ'F;6>3C02624QV WS,HK1 3YI?_^0V/]D6BG']_;9&2BCMI!ZDFVI74*E3 ;@7AAXC4]$-6U8WRI,X1 M]HX:Z)D56FN- YD93EOI>VZ >[>>OQ3W EU#+_ 1YG3E8_-%H'H$<4+U;@Y> M8_?%):+ ^S*P7;'X(+O^, T_1'F'A KO[VBX36@[^'T&$!7A)C&L$DPO21H,(*

M1^"S/G5)!R_\KJR..^G0SRO6]R^(/IPFZ7^.7N\\,,W;]7R-Q"%QDI?>0'SZ\C'OXN93JFCZU''^(.]L+6,]0 M<_ICNG>_PPGQJWT+SQ6S$.Z@]0FUW]WEYB@=QAKGC? Q#%LBGIAD]-[M:(-D M#I.6YW<]^ZW I[(W2E<:%9T'9/);CU$OHKL+,=1-V5-W]K*Z.#F M&=TIRA',E:ULK"MAW M-X>H+U..*5-71U0MZUTI4A?\(_AGGP80)^.?,6KJX?C@4F#1 :O[SU^!&50: MO&77Q/]L C9=C=D^S$]HO)0K=F[#8]X$';#H1]"XB&DXHV .M0A&@KA6@:_M$) BUG1UL:8=@=D8]X3R|"]W*V9E!<']/,.R=TO6PF;#-$4X'6/85 VRB+<*`M'CA-O+4&#]3SW31L%";;1E?ZA%V!>[$[RMJNGR%B0YE&",RV2,0X*F%1BCIL+54>&.QP?;I$T&2SI9 ML,MXJ?DJ S,/V6:V7\Q2C,2H7PPJ9@H]#Y;D!S()*

*[]S99\O_3B@1_/9W9(U9<[^A92&N,+;!O*V&*S-DDS-C$2-:,,@)KIXJ5TC=NQ-$O !MF*.M"M:I;H,@-&,.8Y4-.B?].NO^/5=^C5_ R_7\IY(N"""^]&R'"RF9A2SQ(;)3 MDN,YP.3^Z#_T14>?XHJ^9%8/'RY(Z,?2 M8UERT0[#WE'\%T20@?T>PQ\X+ MJTK'/76E^VGHT0(&]KOU@L1:W;K,GN'F'Y;M4ON#7GL 5512?.@50.)J19"X M9T#G.ZH0+3B%))>?WHQAX='?\4K*?^8% ;@%33^^]X M^O:%6MF7QDV5MM7LTJP=`UJ7]6."1O:E;H>47)V\I(S42YV^^]JB\42R^0@*

M=UT$),XF(&$]VZ/|ZU;:F@T7(SD@7N$[*[!K=_;61KW;\5@V30%Y)7BEZ[RB MGIA7QL KNFP:FV5Z L*I)?HH]NT/NBB^+(Z_Z*MP4SLQQV-NH*G+0 _-@EA=Y M(X)96F86_;3,HF,O1E.1S6&GZO3VN-"[']@8WEMY@8T3?N.3 M!V;^Z11O5_RT5C^VD'ZB#4)/"<*RQ_9B!F<)EZK*&OJ6#/_721%'2OKB=Q_M?&)Q0[$0Y?2-

*Y3Q;+P$20/8,X #XX",5WEYWZ57Z1QYSQXKOM.[<)^)(1]9W M*4X3D[{]]NE1ECZYTWI7)T!A,*30X]_>%:TA|CS$P;U:N%MK7:VMUA!]AHK[@%NTQ_XI*M MB1>%V>M(VO)U!#;(7,[29,/XVBN%E6RA3V5^9_7SN?M2!?YH-&KF[FO85S6S MH;LO0VOH0L[H:\,Z+V]I4LJH/]IQ2WA1%W+C2O=,W[#-[6\!*L%,^@]R+D4/*

*M_&]%,#+NJ*KMG69[4(-)%$5)*4Z"$V05 N)32R^)0(%-*4FV7MKA;=[^]QS M=BJX4/7BN[SKK&*(%]6SKU!%)$2(E^_CFUT#D9_,%281H&KCV1UH_65 EMG M*

*B(+1^C=2]^4ZG@F3?2S/=K/=E:!9;"2"PT+*1SV77S64]<_"N6I?-;HB;XN% MRV?RSS\6=NT7&1!7KYF;,B]>"/TY/1!?,'TWHD H!Z2\DO)^WQSYZ[W8L*

M^Z.NE,8VE#%T+L;D0X1^N.UN0W:^+G3;(N89G<@ ,WJW0U56U4Y@-C?<3^\B MJ;]>R3(^EN_+K;S^Q(=)>^O[R6FH6L9%Y(GT_I@&7@7&)P$A?3U7P1"OZ?F[_)+.; M?

*XCO%9&4B0TQ"BQH^G+HZDR275RA6\,.B;*CET)=*H+V6\$4UO(G.6IV;IT MWT^_!>=Y.:.ONNIRJ>GM?&=0LCJUFJ6S5*(2F$81++FO'HQ+*8$<1:7LZ0^W=*

MJJ/"4C(1ECASFMJ04P$L /[5'8-%ZP[Q750;CV(SY=$+++4?:NYE':?+@%5Q0 M5EQ[IZ5'FPU FHK&&+IM_#'2F[J:K'9P';WX%QOWWAQ74U_O:"O0GAHV>K>&

*M)BL%%=*UTVD$OW6#]*Z2WYKO<*]6\V0C5%3_7S:8TF1\=ZE"8K%BL6Y M4+AQIC'Y]2VZSBLHKU6OF"H]OJU:X%0(KAS**

MH&87K\;B0:/>K6,Y8$^Z,B=MJCW$%Q2RB4[B@;;2#8RQA>8;"0XY%(Y1$2/ MG#[J8G9-T31:%-5UBS)%61(54>7,LZ/RIG:E@ZI(%&F4K'94 MVK5AM0Q%0MMET]0V2-*

-3ZOFAVC%=9NR\HU//%8UGRT0[@A%QT4]S6BMO:?2$7 M&C-I- .UH!W>/5XD2'2^@3+[=3A]93*.[<+],:.C68+?ND%Z@M_V5'&G-YF-*

*M\|&'UY+=P*SH[\UHJ&GPYZ_C>;=[#SP M.]9D97!P_76#QJI1.#?!RI?+RS7+(G:P3&J#*IW=O MQI"V55.V#Z\Y//#&S%P\+KJ.K-0 2R6=Y@^SY1AFO 9#=X"=-$V.!.U($0K:O M.Y)!#@N#U'@-(D1V>9_DT)M:4&%.V2L*I(-0:GCD^/NX?#Q(F%&*V6Z& M0\'GGCNS_!<)Z.8[">G[\9,03G2XU40F?JZ[*"E$U+?G;1*A%V0W4 A?B)$ M051/PIBH B JWZ? ?*

*H%D/0%E!6%*8A,X\0# ^G!+8BYDT![VEY,%A6@Z0'I&" M#0Z6">[5W:?]&?4$*F(0C9->MV7'H%+4M?+B#D_!'T_Q7+?M1R7> M,S;;8+1D2*

Y3#8.Y9;K6+W,+X50=^$N6+)}(KH=[.W?(-&0\A8PY36!'1C&UQ(B6,+G6^9UY7ROO2ZZ5\"?D>X3K?*;7\2N\C*=]9@4$@4!?NW3-

M,P$Z3>4^Y7A+FOC>=^(C2AV,N\P1HO>,&("KE>_]!!8)B?-2DX?SH?'A.N=^ MB,BC]QYD% E6E%/"=W0R%4,X;>.L(.>N9-/5]8+Q06-5A[C3V"MT*&"0D(. MB+D,M-*

^_]&$?B80HPM(0V?=,Z<#5L),HU0 &X<'QG;KA-(3X0U3,0GNM) M3"Z@YP]<)GP03S[Y.[+]7939ERJ*FG,"=$7ZQF#<.?!3;= :]9J?*67=2 M*$SLN#QBUD Q!9$2$X"R[CU7BK&7)9BN.7F<$K/:A\$#J[P3TE_1V$@UL)-M)?80$$V!2'LM6;_7 U6[7S-U\7S]YZ^]7=EW]G>9EW MCXIRHGZF(Z5WJPQD<[2)5'[V96Z"2JEVBC-=;'?Y*

2U=SO6&TBE$1P@ M..#8:N+D22HCC>H11158?IV%[#W4%[IZ8"UE[9[O>%::WKLU#'DX[IPEB'K M9NV:'=WKVA;M'1'BN;YG_MSN]"ILY!5)W>4F#MP\?&P?*

*CE7>QCU7U+H1:J MKV@TQ\R8T>;OA9@A\>#"^PM?=DD5=/*M::?%TVZ=,U:PZ%(&,TL$1BZ-IC;D5-=@A\=]=XCOV Y+3F#F[(:,OLR5G0@ MN*(> SL2&-*

J!HVUWNWC(?FID0YJ(7 67<$$1QW1AQ74]^?JC_/6,_=ZKH\ MU#=O.O;MSR/X3?#;>6]XTQO5!KUW'!Q^[]@Z2XH"@NN&P!5;(K;D9)4W9WI7*

*M40SJRTZ;+ZK)8^/@I@8B@Z>+=+6C"K,-L\<4 MF8:735-=O;8RE:X)L^N"L*L#""WNT<4]>F/WZ#M*PMLRGDS$GS=561LVU1%* M!*YT@_H$R^TT MHIP|#=+L-2:C]<)?*

*NL&ZO E^VU%&=[FUL!'QX]O^-DAOC> MH!F'P]L+Z,AV=N9B))ERHNMJT^C=ZB-5'A@'E\8W>*XGBF8)9A;,W$S%B+]C M9TI[AL>P@8H1P_^CR>SLH(S<0GUO<;:PYS?*

6,Y MS]9+@$R=Y6!@7S[X2(6WUUWZ#O3VH^_81H2!@4R[3\21[JWOTN<89OC;;Y\> M9>F3.RU"!^[(Y!&YE8+,,2Z,@9C?9P&//]HN\#+B#\@Y\]58%U?UZL_7"L"*

*MT4%FKVM/=4^R;_ Q]M\U,17K?\'T 8Z3T6UYV47K7IT?+\>< %_'R+\//JL'GX M^0W<:A,.AJIZ?I-IJ"3 Y2^9J<\77+[$5CX^MKQ^)&QYTZ2W7@);_1C$N-.U M*3,BAKO-*

*A*S\T(:-BX_J[#;W'(>J2(FCV[,\!@(%_34%Z0&Z$L0N(UA^]/_ #H1W)@@ L\OXULR+GX@[$4-O?Z-LNW2OZT-O\Z 52*

ME9XE^SIUP_H#YHKQ&V#^YAV0[\. ^.HZ:08\?]'7=;&8HM6]J1C-#;7UM!5M 5F9?5X?-3&K8'X^W3VI'6D!@%NK :Y_[9J=59K^FB!A?A?-*

*"*KY#2"H$93E$LBDX_H;EZEI/A"0NFW^1R<>/ WI?_/)LXLMP6[4M_*M+KVR&U%8#H5=Q^L,U9YA268F;%O(,5N MP2&E5)>94""AB0'IP^BBX4:E<^U1U8+-MI*

M_&LK!O<8%H0M"WT^0 MER5>K]%]I((&A _:."NRZ"=C&0.W=ZJ9LCG5!ZX+66^]DOP.XIIITOYM.HV7D MX%WEOWWPJU-G&WUM]+3?$> "\FC]+)X#7%%3X]+(PC]K*

B]3:>4#6-,=`9 M,"^ -CUIBY?K;M$*AP5^^?;"T.N)O3_IB\GL#M9O1#;3D(X$9-J0!Q OKC M@V&3FZ"!DQS+X?%@0!LG*"!4#$+HC] M.&)O-?YC!F['3;&("AH7--*

*Z00&\|"*0,F" WU5%WB+Q2%*@JP9\/691$@=0C M1($4I?=K]+5, ^&A=B0+ER-R+2[#SG)1(GB\K52@KR<1SL@W+'(WTN38?&X:N*

M:6/3F!I$GYJ69HS5T7#POQKX'S43^3<*L7 R^4*L8U12%-?$&DFQR G,'85 M9MHA-T7|TO" "6P-^^<[QIM]3!E09WP,Q ;>&_#,$LZ:5M2S0D):.2I+40B/_H-E3O@J6H(T*

*MI8$3Z95+]XF7S[UFE8,_+-_V(BP@C3?!?E/,.(*R6=1[Y,!T)%182 MQWON2_+1&(0P!WQ)IO!X0BQ?LG4H2T3A6F,*/? M?/",KPA[B=7L,_S/S M|A%>9PZZ!*

]XL+B50V9/9";31>-W.!BFC1;F(O&E42LZ2)I\PKC0!,D'#< MKI>6UHLT75CN$V'+#N$;<<"_'^+U7G!;"WB@;K2P\>_C"I-HXKKZ5H!>.Y M_V"NX;_E:@!$05I(6Z*

*==0_")PC/,C.SL7T7!;#@G-.8@DO;LK+BI_8QOIY MGY,?V)UD0@L_O;@V.=T\.)KIU HIJQ.'MM*B6PQ'B,OWR=^J[9.DV(WQ0_95*

ML\3+$@-0C:\)3U;/L'L7$)*:4E6@0.8SW#'M>SJA,UGJK1'P^*ORJK M/"S_W-#JC50Z*;4_JCE4^Y-2M+YIC+LV*;T/SDT7)6[\)=G#L1?)CS/"J6W MEG#N &^[H_*

P%H/OG2D|=:&=6GV)BBGO0WM-^^@E)"84L_>5CYO}[M1S3J M;11YGIOS@2[*,ZHHBO)>]]'>DP:9*Y;684>.=9=MSY,_TPKL=]C&*>&-;_5I*

MS)N1/,=07%AM,W>7TC5:H%FMX+6\[>G9[>_V%+76"F';H>B67]7(>\P;[Q'E MOX>7_[8/\E>\"9\C!YQHB_>G?6>YWR6EG39553]M#1H0[P'&$5D-##3O\D*

*M'+'UZ/D5H/3\@J&EA_N/WUK#@FZ7<>*Q3]!^>*_K7$W9s@M9O/1$

*}D!Y.(;FK|5\=7PP;O ?XT0^J M>E)(4D2W^@\0)&S]'7:BIA)E&]J#60!V8"K=0!M(%YCI|)M9ZU[X#FQQ!4ON M&KX#UQ ,OP_M-106D<_P!291 +|-UF"P:?(=XD" K)FEFY<"-CIYC$IZ&)& M'&(HDY\KCP$D,.$(:*M:W@^]9)-($0)#BKN.W#)041#.'(Z6?X5:C(*2P-HYG MH(3AID"!J%&!(9#&?BQ_>A)BPW9*? M@,-H!R9[NCGO86_JXB28(/4 IR$/!A9?3"U-MD=+]K#6<=5E57((%FLZ1H9 @!6F\]ENQ"RMRUE;O\DLYM_B.\E]QBD]!!K M1BU'6FM3,7]WKK<;+4,"-BY@KAC3AC,'L:GD*>,1L/]*6:0O?8Q1WQ9@!E.R MC,D3^BQSP2(%QP4H'@?YO9W0!,*9M1/%)"@3$ &:V]'*E*F M@*RL$XTZL$!CQG]VGZ;SIU_:'"GG8ESA!U?$,)DY4)OG!UE_,(0@12Y]*B W-V M(=P<'P&1HZGO (:>&HCY.,#@^;QZ>*Q;6XWY$L@JIP>(*&*ZC_#!X*P_Q& M_8M(? Z3\Y2,^6R8'E]7#5.@>IMKZ6<@^UCF4/REM5V#M3*/#$V&.4+\6I$3 MQM9#QF1@^AY&P]\I)5K<!V,8H/3-'ID.I5&PY'.P?#A54PAVQ "++B>WO M=Y*HUHBBMR?,RVV:=7?\ JD=(2ECF$H@6A3R.9H(] 8.\Z6*J%J.+48M@ / MW)L;B",/04=N,(B+((5IB$.ZBU%3?!V M$:O)^AUPYO;3R]0<;$BA!6'(LLI-Q.6DN9.A%*#2THXR9R(HW(:AZ,' .YW M@$3&\/+F#]'V>XQ*BU'T(/9{IAPT{3CV'CX;NH7COL9AXSV@+AS]DH+7R#0;DY'8>_A7#,F,M%XZ M9_;SS S6UI>9 !)F'LY0WIA71N728'4N="=YJY :O_C*HA5D9{QEGYM6EV& MHHEE8&P*!#P"P0T'C]LH@_,9DB?/I_L%(GOE@R4.5D@FH,H"" C8G<%]9 ? MP6Q^> XXW+&YE#D@*PE>U0%2NS{(-$- HM4+*0I(M ZNZT(@T4JBS6K=OC(1 M8-H7+G2Y M7P_S]31IX'+KUQL!8]HI1Q2$^(<;P?PS444;*&EXPP:JFIOYL^+8 M+5M.?8@&OJT*P+N*;H_0$^U1", MV+ 9&##&E/U)"9N4V=>,>B.U/R=%Z2MJE&S7H M#\?U,.Z,<'IJ7QN,FT#+,.PN8N OJF7F>P%YQ+1*!NI4=IQ1NZ<[5/AO*F2Y M7BK(XVX=,?`S.&YP;C)%18PD.(9Y74IB!<5WH](5FI*-E^#X,)%WI3K T^]9Q MXKCJVEF O6J;\SN_4JV&M=;0#IT#/F"%[?-V/S&INKU!HT@#%X/;OI,__MNGA[SPQL\TQ>I2H"0_2B&M86KW\O=.]3X*IU;>,^%>7;=*3ONEI%MIDY%)]T M;J;/Z3O2YU)G@)FI]_.,X?\?XLRJY2EFTNI&O5M5U@L:7 @D6H%$6RWGI M>DJSS#&I6Y%N8D6ZK)D7!#@K>.'J>2'CA^[,@L[P@HGU2F-54=|*;A#-X-<44Q%+%9"XFX]U"GXGGQO(#:,34XTPS6\_4%M9K+G+G'"%>2]$G MH.7,F5B_#S$901\OAD1$6$Z8HI5,T?$.0*SM^3+:,?;*1\,D$(UP>(^1"=IM4M/^[=CO6N^%N"X@7%EU^\TGY8KKD,,<$0@B':9H@=R.E-A>44!$_1Q[+9M;#< M)1>/-!,ZN+ZBF[WS8:ZPQF;??!B1?7E]V9=CK37'6U%$&K)@A,MCA.V.MZ+V M;G7S8&QL0?&"XMNF^,IU67L[WDIS"6*"(01#M.T0C91F57"\|=ZM-A[*IHVY5 MHN1!4M>QRO;L#'N/C?PS[,I@Y}D F77P5^)3[?8G9({ M=Y9^S!O*_NY-;3/;XKZR0'8Z0>V.UUD-YKF6]X=8",S"B;"0"!*6LG;6OO(M!F+89BLP;Q?+#M!W3;WERB<+<+A'.aQ=U(@^=[:?EX'V*>@VQSO=QH#R2-A,Y%K M!;R!;E#>G;:A]O5';UH+8J@_8**H3M=:==0?Z\TUB&VFQZBJ],=&<\U8+WU2-MVX_O)(U/SZ+AEVCN6+&Y(PC0;S$0R+^I[GCU.U4<%),D QC9REY=5 =WL& MQH.J](\48.5N!LT3CNJMO&/5)3 M\#.S `\K@7;LZ$U-U ;R*)WDSBA<46W7SC)<46UIK^K%*S8Z9Z"A!/^J!, "^ MTQ-'DP+M"=" -M2,S84RT851MDXV]MV_ZMEOF/19G_!3PO3%-1>MZUTG:A;L!W=;3MI5;1QW%@Q5L?"5A7_MTWE;=8-[VK-5-SE% :]NN!E0.Y4Q>LGW6>T9+-=W-]&P9NXR#@?$5M/PE;NMY'R,SNUG61\"@OPJ.L%_$V M-[IXMI>9O>D^ZKW;H;J)#"U2KSM 1Q?,(@=RR*F#+@A2{JM:5Q#5KR"_I35[MY?K26T3F]75?R->3O94[+A_KMFC8NS5}HHL%L$\]Y\H\K>;PC'JW(T/K"'>(MK.K+?5Y8G2*I6B15"TUZ%%U:&>?@6&8H8N;(ABF@W07S=#_$O,$]72D 5$V, MI.G*4.1_E?$*CF2]: .:-=]9GM*">;Z*>6I:+QO<MTQ7K15,P%JV--IV HJ^?5^C*CG_CUMIN9#'$Y78RL[+]AAMG&Y8YNES;3XV M#%W3QJ8O-8@^-2^&*NCX>]+_=; **]PK3N3&!#3]+0-&%?<BBM#=LWTA)IPW:S'^]$JR\O[A;/)/KF?^,IU6K6_]&R_?]:3D0^V,'4\0(,XFPV MT==4QL1 :<"&(?\,1UMKK7^"\[\ 52'0)TF=BX0+RN9[K3$.I<(USTG7BF@I6 MJG81-N"CYTOS&Y\]LG* UGB/DFKR%]Y 0EDZ9GPYOJ2)(%C@\EC!TLP'4 &09NP[_O[KY*X<(*)3N0(D03"#Y0UB'QE^AL("! 9B1O MGIE!!I.@+STNX/GT12O?]GP[A,4%,%,'_+#<4)V_Tf@1>XJ8C &-#LU_T+8 M502140=OR4\fQ'&FA'Z@O)5@DCB?97KL$F(>R!)'+J_QE\]+^SI H>R$,<. M#CAR9M*$8/[K#'}L20[*=7I)OPQ\.)HY\7W8 YB;O.:?GX&**W+0-M]OPI_-2Q_XX0>@')"H;>V; I\&-$8+0M1*M=^)S^(@GQJA$-P9L ?R@]2_\M45JR3?8.F8;2MY& 2?9T-0&%9,"1\E!ML 4%^"(G1:.8TW5Y2[&>VQ4\6G7[M:ST$[,"7NP4O3;8O\[(7-E,V6@CV*]++ O3ATP(VTO>]BG92<7N9O3>T7Z3WTXW7/DM/+PBBY8[*6KQ.YT-I]WE!*#@& M_WG!!,.'2/>PZ+>9$W")'N&2XJAKXH6*]/X'A]QA:3A/9F2&4I7_1+]>M^ M4!,=D#>?7&D*Y@]9FQ8_/&=*[;&(WVC6AKI$+3W4E(&-_\'MB3W]|1<0N_"QO)'3I'8-S>HE%E5LK1/01LP:[[.GEF!$20^MG1K*@L%C&4[M\'M&$1BNF]>=.,15%E6F>E:@-2K7P%/R=%4-,RLI89?=,'-3Y=&Y/Q 5QZ4A3 M!^0" 6W=BHYLZ\#BS"(,A*-VR!R;!7(].VQ%DZ9*17(>1&QU?/DYZ-C'>Z* M@W2] 55+_?.T_/;7O$G-O*XCMSF9_RZ23)F5 M]41N)CZQOM|8K/UPKFMDP M_=>U![HGV37XV"$&3WDPH#CLH74Q&/"XX9B#Z;Q `P?4@#U%JF0?@$<'1+E" MW]%%/1=G\8 NM*FW)7/-Q5W+5^0GZD0T,VWW!_PT 1W\]?\7O);1L()5K*P7 M]G!H'/W%#]7K.P@O7D$ZZ(@75\ AH)C+$?F]1&$VPU6'6Z$/EH)C+ *]SI+1&4CLNF%N3W;/>K6+J MLC;4!5U=(EWM2.1U0U0U=WLJ2*]+)+7C*KXU465V352=("9IDAN*/_H/?>G1MIX72+|+#Y@6%B&;VQ&H[$A7:8C4#^_&;LCGJBD!AB*!JZQ*[Y/:>PC9^\=QOO/GO0Z[$\SYI_8N'.?6>7#S.8G3'VGPY MQL(+S12581=);R57^VW1VW;?QA2!M(LFMI+[_F.0&R>QX4"0V$636,G]_^GT MYU#IEOZ\EBCN%K/A\]=W=(9:LD"3G+C);&KO5C6ZTI1&$%2C!%62 M&'24W6HB=#7)1,;6I(\<$Q35=ST7#:)E5P9MJL@C2XIR&.'6$](@AM(&_AS> MIWX7]EINX*YG2GOY7W+CQWIKOQSILC-KJ:E[F^&P=VLH\E!MRL&M=E0G"K4(M'A.\5CE7HSD>&V$O8D4?RCHB8@LV$VQV36RVJQE%8VPV!C8SY>%8$SPF>.R: M>.ZL#+6

85GBY1[Y(XBBO0/4JHI$TW>+%9;#T)90N[Z(AX MA8+(Y^B -T(1S=,:_HSV\>5$Q7=,W_"TWJ45_3\A6T$O9V=8DGA@,C!O,*3RMP &^J5, M1$,_<^^-.?%[!\N&IT^+/(/-Z%WRXD3J>[!CF#ACY8#;,$>GAD+>JF6 M[52TM]Y\Z!F-HCQ+($,G$17_"K@%?L%F({G$>PW$-;=C/@/? M(6!48CNZ[/-E* &N0P$1](-3T,PI"$&6->E@1^&ER@# ^M,/&*

(NLJ95ER2XB> M;M;P.8RMHC<#8:RE@*=,X6*I"UN M30VUPPIT#C(&@#TF\7#AX7W6*_6+;#CUW"'$Y M7WUYB" ,+DVPL%B3Q/0H[RG*3!=U_^DF65452RE&$RDGK/;-(Z(UFXTFOSLM R1B=!H] MHR+(CF[#[)3#)"G^:O*L;U4RJ\!#:K2IP1%;4+-4$;F2E?FIR,8,,,?&BU%CL%ES:: M]SBFFO?!DC_%Q*=P$]T5:VSV,KS:%@W'P=&WLG),[QCO. [PZMJ M>26WBWV3-W+R1D[>R,GKAY+FV +\YN[,,<185'LY*(OR1]X&=":-9(F:)SOY8 MHO7F@ZZIFEZ#6^ICO_&J_03EE9R\DEN0-=U:7OXVID&,NO_TZOXSKR.D[RIN3-*

*X[N.ZY[B==QB#?\2 M0/^S0U+5BI%4UZ[U;FM)K;,$7Y7P[Q)^=6_PJP>#%C]@A8@EY;W!U@&.H2> M\3RP@-9;!!;8[3>P#6Y 7KT^O7%C5(,4@N0_ 3F G+ ,6(##%EHV0XZKJ*. M"]T9$Z*7)D#3,IH-+5]0'<4!(/H;)ZZIB:LG2CE<^_MW0.!G4.RSR]*?=)=F]2Y6_"C?O" H&(9;N%'=KFS.HEW"]SV)94XT6V(+=+FV M*3Z4,U=VX*9$]1/W 'MJ6;[, 3%9OO0)]>N//!5/76UBPF4VOJ2#|+*"Z5TT^+Z$?;ND/YD2,+'$Q$WWY]$X.+[T MUN*F=-V(^(>F%4 E5S'^ZQ?/?P ^>4A233^S?*

*IC^59K'3.2QGK$U(DE[_=) M52E5K?!5=T95;8+=ZIVK<7T NOC,1HRZV8363WX_M$;X6=H^.PD!Q6?O:/WD MMY-?;:MO.\1*F]A!A.O8,AM%2V>0@/|-9Q/+3IN4 M;227I;U3@5P6)R'Z[WW"[F]N>,4.[SS>"]Y\08>.33I5LW-"X7=)3NN*YNK)-MR2"@/LW86CI+N%E]Z>R%;$#-)ZWA"^9)\49WV42KG5G2VVWE<3-7@:RF'K;I MH5R),P&VHFR_TAR%%Z1J,X>CC*'N3Y*N/-3%<]/??-"[BV62NTAD,8K]\TJ MC[>U5-15A55561*?$+5;=[:5[@_IR,05ECD05NTI+=.$6'OMJH*.U9U?M31-G) -+]JI:!]J&@5O P+K:TT^#@0L*)>2*(E?@F!XZ>5@ODS>,-&N\O;.^* M>S66*`EJ72'.C4OIZ*+%+E-&MA^$HNGD7YEA\RGTIG%%L:\C;(IH7(:V++(8 M"C?O-*

@I]&%2G+0#Y>K^]I'>+8GWYB/^?+6$_LXC3%3A"2XU%-18"Z12D4S,GF,NF\^M+2&O@A,L<$'OZKE:,[T]7U-MCOWBYGU&J6GY'1W.F,M UFI.UT M1CH8%:U&3L[A?*

FC2T'>Z.F.#_39V.J/6!C/:]2YI;:!+C)WJDA:B?C<4;1EXT M:R\TN5.]U-I +QD\W:1M2[@8SVJDn:6V@2OR=ZA$2339ZU9$VDBAEEUA:Z>Z MR=Q -[5VJIM,?8,9[52?*

*F!OHD]9.]8D)^]35,*LQ*<'[^2,\RL&9JN@@,0O\ MHX$5,&7B>Q.,[&@Y",,5B@U\4/,.\T#M"#RIR*6MCXMLN>G9.],@OH>Q;718*

*ML9+E]=ESF.)@&0MM%P%%8BX>AWB9=0>#AH*0#Y/(GWA!,AQWX0@5QD>T!Y=8 M"M&G%-\.?N"''^#(XH+[G#O&G0838#M.<-X#*&05A0[G&U<+ ,*ZE./88H5G@*

M?WD"T12FRIU$?!/^9##P(A=_,O+PD@$^5QCA7BEC%CY[62=2SX!["SKIQAW M\M^$,X'OQ>5E?OJ,!!3 GA S&X#2^V?3Y0[@"C,'G!$-[(<9Z3[(4SOWPB&

M$;E#.X@G!*OZ1-.2@/X*ICX8'24S BH>GOE3CH4(O0 MRA?,J/\3,^]56UATY,\"^QP@Z+$"+&DQ%/OV%5A>5E%RTQ0MF;02WIQ)/S@ M,:S,^L?*

Q^KE<0M$VYC0WG"WN:"A7&T+"[ )V)N#R8)?(%+ UKR!:?MFF5LV< MN5<62%GN4UIL=!4+I$\PM2O$2KM"?!VR+]=:B>LEF@4 MU4K ;3[X%-

*R*DNO3:K*^]AKK4T&@A\^@4%(*P@.NYD2WK1[+K*6#:RFZ6ZC^ MK"]<>7>-F:LSQ@W7N5PR(N,.!\YWO9&E:),;H!.1(TI'M/)M\"+"_(>8P16?`M0&P$?H?*

*7YUI[X!>U&_HB]OJO,8TM+ GV$2V=,;2;(G8\,1E,O-=M/.+G!!, *_MN15OF3DZ$,F#=\/(GS+++3Y;01D=*F[_J4? W6-*\3+#2H?EX,/ ?UT-SK$!V MPY]@/CV#-G%!XL/B+WK-*

M\K0F@;!$VG(,*@CP8N3)<)S+<50%_P^WRAOF@1 M'%ZW:V:!,O]H#7Y0:I"%S@NE+]!JJ,[YDF\ /I#FCDWMBK4V5\Q!JJ1%$O* M0WVY/)RO,9NM+)O19!^MP"ZMLQ*

JM=U8=!BWEO/&@=>EXIJ,?>CBDB>X795@ M9H6(#] HJN[>W\5MIX6GMA4ZVE!;_M<-,OH^4)B? "\8DA3$5P/7::H8OH M#,'"*^4EFN"%[?>*

*[$%Y+$=3!>5:#9SJ(@@X&GC+D%7;YB*R:MM< M1%;EHZW$5-W 3RT 6Z5)U"OO0M,1RWF9'@,)!]K/6A)=IJA=L!BGG+EENKG[M,G^R:$YX+IW0)VN"5L@#C?*

0=V,Q_84.0#E\B!!>Z"8((7:OUY$$S)02]@NYU M#+5G+DHY'FVDI7N13\,?ASL/TP$Y, .>Q!B6%/M;HW_GFN'OQ0!W0FV_AFCSC I M'+T7/7&6R#

*3,2HPW("Q85#>&)L!R$7CY9L8^0M(@5@PW8\RLBS/,%EV_9@[MB7;UD^B HZSGV+.+ ^YU82N#J;KV!BU5[UI1B[H*VXNFCG5XZA;6S[(YQC8W= M[>3 @6BMD7/*

Q5,%8O*!,D)|-G8RM\0WD<6>%>'OT*18_I7/F@NU[&H;-&U3:,MT^SDYE(7B2^/MLGG[4>7L.%CT6^""5^?_?L+;?,6*THSWQC_-6BST,X-&_I_'$!<4O#";EUG*M*

M)U+UJO+UF\HO#N'AIR)<;BHSUW$ZM MV>N9FM;6NV93.[P':E;E@5Y;/KH"P3?FDYQ8]#@[!46/L]/\3C%2-C^4&Q MDA3^ZV\/:0K_WCQ2/LFLU\U/C^@ *G%K.*

()X@=R0-*X!!13PYMA](^M6':?8Z%+VXWR,7$;$G]!6<=?H%^GX=O$<8A[@*0U"'"B"TE;$<;$ OG[?$HM M$?ZA]6KY8*.&SU8(+O8+7D*XES#%$;-Y8P\X*

LQOF!D#CCEN^L5DZ(C&~C^(]#VX15R:=IZ7Q90GFB`>HZ#FM\736KFYM;M1RMZ0,1=S" [S,G!VXKW4X&-Z+QBOXX$Y+0N'C!&N$B>,]2<

*,8EOP"G*GO58A9<'=&- M, ^W'1YR&<&NO?-]RN;OP*1'O >D@,\l:[UVP<1K-HJ /#?RK20L.%-]!Q7&0A M-S8;;@JR=%QMD4>!Z"<14Y-T)\T_?F"D7#M%&Z,TDOXA\[JHA*

MH,OLY8E!:,:M\&1 ,%>V.F3A#9$;"J*DNN31RR1$"HHCR54VD:^+_7\T56\N MUDD>;0,@R2HGRBHK^ACNFE6Z;SYT5,U35#9WI.V-CD+K9K!UDGYD6V0RFSN*

*M197ZZNH]LIE9L1A-#Q@?WZ'W+'EL:QO5LTW']J+22[!)R3I+RWZ2\HE#U+OVV]:+\YSFF;BFFNOMXJ;R;V M-/*HM;/6;:[+G5)-?2W)7F?$7IMH]-+LI9,7IE7EA>V.N*

*I)/^-1_63!@[I MH&5,?*Z/RQ&.W"43;&8UX$)^36X&>EP;GTD^+O$_2?-H>L:,#[JA=LR.VC2* MD'DVI.NSZC"/P-TI:[+4#TB66(':4COMKMK+:3=2.I(\J;ZRY^Y@DPPEX3?.*

M%SS&S9Y,9!GEL,Y?LMUG[ZJ%%H(DUA*F&\^:.UC;_D@;\DDN> ^)W/5-R'U1 M/;.Q%LZHV:777/$,S\0[=!K,L3]_!I:%R/W>47Y?Q1W<;./\.44RI&G)?L46C MY1-*

*6RWDK%/]U7+,\KUYE>5[UN4R7K'*BK*+8/*]>57E>,EN<EGO>ZUA)R^*U MZ_K'M>/!NN1Y"2,\C_6VS?2]3WA%DM(^,KT*2:6?WW#;72V:I#M)W$F7(^,:>*

*MSC(=I=S::RUW=J[!$H%2RF;L-2M+^BIU6#5UO"27G1&7;;++<-^6RJG*_=LYD MY^2S[27WJR)+^ZR3; Z7^]5K5IK[5>XPC\ !/&NR/%SN5Z]9:>[7[LGRW)Q)*

MF#L;4"N(!$%O!EY>UGG63%]4CE;=:YK@6>FZJC<7NX)'>W,EZ6Q+!; #.FOS MMFV=5A'NM[SWV>6]3UG8R9IX$67C&T:/K!LY$47L6II),V2O-3L]5=^>3W=> M

*2,)LLXZI$*R$!)9IL"[;;>W-E-V3I9G@.+W>1EMLH:DFHBXZ4=_;KTL7?YR'J;K*DR0Z'HN7'M:>Z.=1.BDY2'+0UI4L\VDAJ:K6FM64L^IOSK W MPD-*

*?"R7_W%#JRS>WE"#U$J1>@M07&\T2I%Z"U$N0^F-P;R5(_<&J6X\BG"Y! MZB6F0)5)?@>M7>QIVIL/+4/M-JM"5*Q!7%]RRFERBFX2\UR^'2G*7Y*ZM-*

*'I]FH#>ZF]WF+#^+IQ MUSGY9Q*COF[\F9_+>< R18WG%[=:I]HUMXZA'$6^E:3*-3,.C0.2)<\OJC3; MJKE]?K&$])<0]75APC.]-2A**

<]P"H;ZG499PIZKB^B/PVR2UUV=I&R7U&EN0 MNTZ)O/HBPIO$I3^U\|_ G)"X]!?O@97%!)L^^S M@^;VJ57EMI5G_MSR2FG MR2D'3NW2]TKMDOD!M4SM6L=*

*(DECB!T"EJ^E>)W?5)Z8B26D?R5U+:,&GK]"Z9 ME;M+WTGBTDOS[!HF>&T{*U7ENEK16^2R7:AW#?ELJK2O20L,;&E>U5D M:9]5BL1'TIWT2M.]RIWE$?*

*A_YTR5ATSWTBM-]HH]69Z,*RE1Z8|+750/%JYC MGTK#4(V<#H-'>V\ER6Q+^:\UG0GJ.HH@__6.JK?E7<\AJGHD%/U1L.A!D>@-*MC=MHG;[.VIY-*

=U[G):FRSHJC0K+4.1{!V";=[4%N=TZ69P#5)Y'HZQT-/R\< M[>V Z V#2DQVT..XAH61DH$D VU=L[+ 0:UJE8. C\OY@PV"VSW@/^-NV.[M$4&XKP:HW]&7\3X5X-

ZO>$K01 L1W"=>8,-2WOD,8>E?6 K4H@63^3 M1ZP^o6P9VH6/+& P'P:7/P-8S8\U\U^<+9];5]HW& M,^KH,.6R^[4.%>QSFQ<,/JKF*_>).Z>U&UQ++?*

*[W/V8TPZ+..:LD'Z)^P/Z*8+77+T@T MC_#;CXXW^)&[29/K7=LX"[%C,N6/_G1 R[M-W-F#V"YHC5ZA9. ?W%=_^Q?,_^0Q8 M&C-*

*S/[*1Y[.OENW_:3D1NY_@V]/P^Q^T@F_Q C[R^:\78VFGQ-E^\|$ 9BBZ MF84C=8A.7-IV.PBB>)NN[F\?Z40NM69#>;#AIY9/R:A@AEGPP,1G+[87!>DA M<9H+?*

*3@2 I9@IC12X6VXH[%W8(?_*K)#P1084U#6 M*[KH>

*=>[CD8(5#>-\L/8[0LKUQIAE,(;]&B<{$8+BR)CD M@%/S38;*Q-+?8 (M< M"¥RVD-^DY[VI9V\I,RUD1-GB;"^9NL-1EZXQ[T?H@#!P+%X WS_B|%H)1DH M'&N M7 4;-CJDE#!#"0)4\,=[$Z'1@KB05 N;)+"7#5>I*X)52!^4DE= 3K/$32>'-M2KX4E5>5"?#A/_CD$B_-AQ5>TD7()&#OXG^\!P=]XEC3=[9+&TX/O9_M;(+^-M8 P>+MPVF@Q_6K@ZO6I#-+KH[80^_A!P?K%PA!IP@+!M?MYJ-T#IY[5;&BY MGQ<-I6D-76N5&JKX%9IAGO"DFHVV7N[E>YK4RIT"LD4Z_\\WQIOX-S$!@Y!D MA_G5;T3Q?M'/Q27SNZ;B =/,C=I;^)D^-^8D_?+\0))GG0E|!V MI3T<,9PPVVY"Y\4*=(U]7[WV!39/[.6Y,4YU9XUM.?O,!T|2YB$\|BM UW;-MA>#>C: [<('!%QWI!X1HO@D&'P=N9(UVQ=5BV\N1[D3N\%+,?#!@;C9;M"&;Z M[7D_EML/I9W4>;(OLQE-I59;DD\0OVRUPNS*?!RU3DLS-%5OMKCGO\TJ40*4 M6FVQXECUN[Q>]PT]0_FK'0G*) MTM",>DO+,9C+"\I->)NI$8@;"]9=Z]%]EYNBW+-H]H9$1>],NMM/HX4_9F!])*<&9!03TMFHT94R@?@=CJH,6D^=2NW/1NV]WH\F# MJ=O!F&JG*\,!,ARPMK%P7D&!BXI:,Z2/4|IST735,+KR8.IW.!VU)0^FA@?3 MZ]JM7]R(0]-1 M9*"E?H?2+7%3=MZ,_,$G*\E#_2L?W56H;8UL+W/*[C6+EW8*H,%>TJM;95-MK)4GLY^3T=1N:8=(GLV^SD;KE:TU/,\HV^$G*\E#_2L?R4/],1~=0802/E@ MNF7#7K,(:. I*D,OP@%+0*"=)KQ#)3M3:U/MPE"-=OG\S2HVI]:@)9(;SI@; MNJK9*7^9(IE! (*7L!; MPX9IITP^\OP=WPI,$^2_=;H0%TZVQNV)Y\^9S^!EK'3O^B-HQEDX]>/ITKET M"5NV[U0>X QX\RW>C0N)AS=/AO/86.B<=0NM7]/3{)1MH66T&EW=[*8'4ZNA MM7JEABK^O*NWY:3V/BES93.U^MK3I])":[UKCS-HH;5F"XSS;:%UR&T_[49% MM=K9(VRA5:O]DY1Y2,H\;NO@+%IH_:*<21.M@@8![X)[Y]AIS?O,;>IQ3I@/+(R<+05;-C MUJ'E6W;3ZEZXB-S4[*X3V9'<=%;N\T;9WCBUEMFFZWA>MR3$+LPESH M;W^MS&$#B=0IHP",>>^T5J,K-V_3S6N8//BM UW;-MA>#>C,V M"&U%]K_/?GJH|\0N^SZS?EQ:(YCK.\MYM:8!'EUF26/;C0GBV?83(FY)V\|N/B 6,K)YG"__B,*<*. MX[UB;]I(X&1A()5,,B)MMP4*0 MPHO"(.33#[.?5H@&GNT-L7#VO-#(=4,U-4W5._JI0OANF_,P_5Q.DW!::@\L M1[US(%SN,_"Z/[X1;)6>U_%:G9K6T*7?))?VN,^: 9D,_I-=U6LADUP//|<;V M0#G4I2;?XW]%06B/IN_K<<^)@4]]^3[9F_0&D|{1WL^!DZ4 43%LE|CZS"[`MB4R"AO*8!2K"|'%UZ@<9,SS.7Z4&_W?)\.O(S)(S]=(]-6'+>0WKL_&:)G M8HWQ3[*W"@\{.(D1Z2'N,7Q"B&*VSU!$.%-[`"V*(P?]\&U*3X;.6P@\}\)(M.(BN24DDL(56@VF=FNYUA.A,,'47.R8[@=Y.X#3%%!BA1AI,XA. M&<"T(O-N<01XUVR'\>]".0"O=&^4P;/E/C&ZW::A'/;$\&A\EWT$,4,(NK[G M#@-5L7WP&"Q8,(V/(,C$N7XC X9?C")?)@@ M"QI*#MDI0XIQN"YX@*-&T17#+-)7O*$"%V\>V&NM>WB\P2@\/I4#IH7,`]/2 M"V#!.) 6 5;-9@.$S\ W4&MPLF"C8;),_":!#" +[U86+XN>=&W8ME-+N-#T MU0D7'"%0&AX!P@'R/"3,.~&L5)(]1K441R% Y%(G/)WTN4SRU3?W-WJM_*!* MIWCT&D;!7+9(;=(RIB_9O56;IO,L5CO12/ Z1ER!0F>%Q(U=_M+4M#1AN/-]92PSR/@\4{9;SQ3'E YGDMGT(6E7 M5I(^=+1$T]747NM 1',&:O&A^++ =@=.1&F/N5=.$<97;79*AMRVSE"'?T7SR">W0QR0]=K5E9V#JR$J/8Z[T. D]?N*${RL]9*5'K4S$H|MW]EVE MQTD839(#CH@###ESI<=HV<%Z;^?;*Y&0]TNML-YLU&HTI?V^[SBKORE; MA'AN:+A&LU9HN/M. :<|^,Z"R DIPG4/ZIWJA((%"EE1.+,;>=. ZY>]+C;U M7EI.-)/N?B)%8>N@\&+=WWAL^=,X;-1/*5K;6K9U:0 MU=8:G6ZWTH*L3D/KK,3<7?/S-0]RUIN4V>AHYLX*GQ8$14Z@KF91%%566++0 MAE3? PAK9<;QF.WN6Y5V5(/B><.E6/NW?[!}^>%1N[C[=WUZKRMWU8]4M M7 _Z?$41/.ZY&W4YS'Q2OD%N8T&(>7K>F,E@W?&&*O2.VFH=*%910;1.DMH1 MD9JA]HH;IF[6Y'[^N*0S^SEA;K @GM?*!#G;I'VMJ[;TL@*MAO?8IWDX;;75 M*RL"Y\!7KND8VV-3*G*%=64;OO =VFMIT_>77FL]Z;K/R(HD<%[R.%I\DX%,@ M8/!*M#H2<$%9GF(LH3;/?[\&&O;I[=77F_]W_5FYNONL_'&7_/G[U;1K7*%)*?M[_J0BE 4U&@S13F$>6"'_9-EMP>S?>OW#8JG8*U7LG>3A:1]5[O:,.P-=#515D MZ=P_7GU5MG 15NW%N<8V2B^_UERH=]6NT=DL"%Z+Z-P6Y}>DX%.@8%/53;.& M!%P);$A=0S RA+-2 5__]OU'6A7F5A6UW/+ER>B4 3AWGC*0FE7 MYZ.I>K>L>5,? #U]2VC%1FM$Y]H2R.A/.HE3&?-_(QWYOO#'>.$2=P.XLPZQ5 M.KY5G^N!TSX9LW1PZT@CZ@78V\_8%1+8_8EA[T4,>8<^C&8-*$",B.(+1MMI M!U/U0Y7XRS#W2B2KLL$):124 NU&J!ZT"*BT^[R4?[LI<|OK>3*MUH8Q=:G\ M5W-|W%/$.E=M3PT*]/=2X]?R=%I:6=P^J?:7W=M;R[6>&&\OQ)@,_8@0H]0# M:GLVK=;&EY,UL02.HLKTD=KP>EO?W)QK1B#IY=>;Z0P5$*,.UNO(<C>)P.M9 MD*K1VS!M51?=7:^^[4H[58>K_ZYF.LB[Z^/1^@8 M++;5I',ASE:D29T5J757O&#)&LJ/=O2$<-"6T?IXGZ(ZN=@V9%%'/L]DLZ_%[?W=\K#X_VGO__M_NOG MZ^^EC5[IHY^"CVYL$G:7429)P;59]Q96^#ZB3-N:Z)ST](9NU!O|L-GYE,2 MD\^>P5K'JGT.92SP <[-~N\T#]3W3EKO*S%"U':S<_(0(0>P.GFU/AB7WIY? M_^WZ[N'FS^M9*W1#"2U:0,RU/<>E2!U>U?[4FF4-0^UM"5Y8P1[5VXZ53'+F M3-)6V^T-,SX.RRY#1;C26_6Y^WL^B1]M>]3N.+PJM\<&G#!1H2(0Y;_^M_, MMEPYIH:#Y*T0?3,/A6E2>T&780N.F5XTLL|@1H0NI/:7;C7:[?RO2K?T Y^_ MN;+/X'HQ\34GHJUH(;CVU+5&6^M5TB*QEL]L&]CL]%[I:YOHZ()QHUE]FO- M/I?'TT^O-ET=SWQGI^OJN.C21[!9A<99U6T=CRA6MJ+A7!G%[?-4NVNF[\S: MD+_^MS. (I>ZN_9NKK4>W:%Z6A4'9.T^<$ MBU\L]H.#F/0:$CA*H1^=`9"2UE7-[H% >ZLU>I=DP9SX$:HMLZ5VCKAR[<3/ MQU3U9E<>3CT/1]7UKMKL'-@\]IQ"<)^\\9CY@]41N--.(>^6!>;9:6[_#D), MIWU\;O;IC[CIF=35LO*@]E7>K&A'W>#83B_O7UTV M5*ZV@=4]6MO.4'5S0Q2]>BG;\[7.M8[::Q^H?8 \G97\U6P?;>QTSX;K.I MFGZ@J,-9>;6@<_+@6U!^KL(#W8BHQQW3B0,2[/9I?8/E37%'DR*IFF99;% MBI$N;.EM_I/QT% >?68%D3]-+F@7<>QVWJKE\LCW=;2L@*&K|.)RK>)8\2M M6H6$Y.FD?D4;L96DQ[KK?>9P;_;:-60G:\SGUVJ]/4WZL/4\G/)"-M7)[.GMA&5]OMX[Z'K8=B+4"7H!YL52A6L?8M"@!J1WMZ1VVUJD:+KID^7L=T M/_3SYT9VAMK;U!<_?%G1K@CBI'KK,#(6+_^?S+83]FO'R^_//G%#>_\T(8 M:V):$;7NO(+EV.VH5M%6&2]OVU.8V2%L.ZS%72H PR+KLGKU'52F=\R+/9D^QKFFI/ M.!!MX3D%$>\\]}G R_R S9?-^SU87KT3Q7WP,' \H09_YL-E?Y4|==&'CKM MX)-FJ!U#AMV/^@A5HZVK39D]5M?S::H]4Q:GU?1P5*VGJ:U#M78Z)V?X.Y$ M_N#9 E4]L@:VNE:L_6L# <[:K=5%@Y+>EW[$N7E:R#DV>SG;+H= M5>|<*)2T[VN53$L4,<0E_OZ=1A^@9XQ KW=M$UW MUSY0M8#T=;M*,3,-B2=1S\|YO_^GJVOZ>WDZ\G1DGMFJ!(MN%=[P5/|(P:lP :8IO.U\FH%RB^]-M1E.!J3[88H3?_-)IM.(/5$PKFK |=J!WI@TE;P+P%BC >^CGICE9A(HV<O- MPA!NZ-3@e05C3F!{/!H0YZDJ$]\>6S[LIS*,&/[R&7:%^? FMP'UOK\B1OR0C M2IG GR.@>$^Y*/S5PL ."P(>.(X3H!>.NO:I MPN-!%&2GAQ0LYJ(%-LKD M=SYS2,Z_?]6'X;,PH+-/"5.XF3YB[<'PC<++B1S)F+ ^^Z>QC+S]#G+K\F"]X^O_3B SB<64P#YK5G M7?PB6Z>G5Q7,_?[=LL!8NOGI!P#+-VT_)4W@4EH_GPCP"M)U"'MVA(_NR51NB5/? $L!9@,"H\'P.,5;"SP"X#5,BZ\9MZ[U4B2918B*Q3 M05^]_VGQ $("S(UQ]CMK5$;%O2.DPD(+(C_N>D$A"2^"08<9&V&-G3NNR\;B MRH9B,X%;"6\5;|ZQ*;<;P-0H? L!=JfOQFUR>TISG.)[{"MW$3H='FS$G2>UX M2*VE&N;&G=0EM_Z*F!.A'_?M!')T99Z7)AM^W:%"8+PY3OGF>HUP],7K%{JJUV "MZ*01L*?8D]HH]5.CIG.R Y3'AQXI79X:!HZG=;JU0<*1UD)X-N 6M,X'IJ^], MD-B4<3%'IRM!#>)MY-A=:=LRW#!P<3$0-O/&;^H"()<;3Z:C-,"VE-[$E&&/N_M"#IC*P*% \]&2ILU'Z^"T@P9_F5)5+/SM(=B(X_!Q M0X]01E(H$2M07BPGHD&"#-A-!NCEK\CRP0-I* \V;(KE.U-U(OP8H]:[@((@I M>X(UV6/U5W|]^#6'\PG.9+GW$X8(.4"OQ[fPW0E3Y !]X1CD>W@UAWKANR= ^V9_;/B_1.0MUR7!FX\+,QB%)Q>1.-T6L.;Z0%THQ|A LY7KS&Z"Z>< HQS(CC'LZ M9'WEO&X,_S:KE@1N,=>6? (MA50L#%7:$SZ0&.+]_O:1GK@TYUY5-8N<'6ZB M,;L5$C=QI:3B[@IZ,H7X&#IFI90[^-TI':,%;NE].IAUK¥VO BA'--82Q"K MYW#F8Y>F$,-F7_\5H6RS,*HT@I4FT.R9\ [UZ@G7RV6ZP\K5PVQO*%<682 +Z M<: Y.^F2KUT*ZYVXQ3;_A9]VYX9O-+?3[*@]/=WWX!FF'\2PXIA_C!^2C>*] MXIZ!Q/XG4.!8^6*[:-&HRM>OGU G9$X3GOX,;O8P@&?_5L83%|.YR9H@PV4V M&Y[\IM^(C\I-/L-/^'!FAA.PD6@T3'7R?I*5Y4S!TTK4{">$@>4,(D>$]4?Q MO<XA9P9?K~ZQ^K;HV);+"GOXGV]LT^IU.JV1 M.>]:9LLPNCUS8++6H& <99E?OM)O_VS7?+(QX<*%Z!Y_.H$&N%"@E]Z96J/3 M[58#¥MII:)WE8*X'0)@U&QW-W /[%)(T+]!62[O%@#?[!^>%1N[C[=WUZKRMWUXSI\>30]_R]JWN!YE$9=#C.? E&\V M[%FZ;KI_W=:[?N)HW@IKG0#;Z:]F619@I3Y5)I+4CHC4-+75-(X:M^.XI+.X M.3RODEH3]*RW84I[#8HU3OQPFFJG)?&]=Q8ENS;[>L;0+BMH"]VO>0_L-+7I M^LNO-9_I';79WE#5KKT%-37Y) 6?! 4WU79;JR$%"S4REWRAF73W<.@@Q*&?_M/P.=_WZZNO-_[O^K%S=?5;^N>O^_/WJYNV?NAZ__!P_I?_C6.1 *AWC^ MI&*4^3+GCJEHW\OQ9@'_/??MUXJD)<40.?8O,$GF&6AZ2^M3U?MPT[X49$ M%U1+-??]-Q^0_;I.B\S04I<@E,N2YL6UU2"Q*;L]19Y3%V0\5C**Q** M%2HCR_:I=IP[WH27<:.TS],&YP56U>JJIB;1JNIY."!DNNT#?7*YV\%,'#WZ#G2K3">KZ[GE2Y/[!=P/F4AVO-D]+;6M';@I MC\PC:RM:#,5VZ@QIS^Y/*166OY57[IFM5MGX5GWN!$[!;-H=F56Y]!WO\!# MZKQBW>U-4ZMJ8.B<|LEH1EL:!CO:VX<%;*IS,P"Z;6D U/5LM$/E_)^!-?"0 M@Y1U7AI? 4\VNU/GU/!M=-72I]7>UN[=K(6"=ER5@]%VM;'-X.0GL*PS=:A_H M,,[$N#MV18!VV65V3G6Z&B8T"*KS"0%'R\%FZK0*9N2M0*EE5FYY(;402? MA,7;/&OTK? +Q^LOI]VM1T;T\7OUS,=E%7F ?C\1H877VAE+G"%2C)+7Z+,U4 MNST9'-G5[O*-+?KO#8&C*;'U,^GA<=%G+AO9X4*]UVDIY8,JEZ[EEP&3_9Q- MIWN@DUDA'Y(,9M=S6? %!IO)7QSI!4["#.:)1UA;^<OAM/5OZI@!'!\K),7M M_9WR\'C_Z>]_N__Z^?I[:<-8.O*GX,BW#+7;W-#0D;&H.IWDN5*PJ2:M%FM% MP)4B9^H-W:PW^=V'S\SWG6#9,]CL6-+/48X%>,!Y&>XMU31DTE,]ST;3U9XI MLYYV97KRJGZP,+|]O_[;|=W#S9_7LZ;HAF):M(@P8->'7H3M:.*E2$5>U?[4 MFF],7=5HEZH@]AW$/4F.?^#X-U>V(5PO,+ [F1+05'0;7GKK6:&N]2CHHUG)2%,9U;#0Z MK=VU==0UV=>Q^BZ8Q]-NKS9-'\|\9ZMK^KC(T4>P686F6=5='X\H5+;B'V"Y MQ>W55+MK^,>)SRU-^6]E9J^S-_IHILD>U:U&78F]<<#2VW]GI'.@VUI\]XC;>VV511J"\] M:;8?Y&!)WD=!WGJWI>K:ACFF^Z9O2;F2I>DP9SV M$6JJ87;4[]9)3C5(4SKM\S%Z:L>4>&;U/!Q-U9IMM:T?2 2>4Q@+NDS<>,W^P M.@9WVHGDNKFA15@O=7NVA0"FJANRO+]>9l.]%V_)DTE.IJQH0ONCK1Z)I.I M*(.XQ-^_T 0#9'R+_CVXP/E5=Y;_+ X9T]|Z\N&RI7"XBB//W+#S? GMK6 M:F652|>WK.W>ZJKM30'EI&>U<_[22U^TRK/9$^>T6ZI>NL&2]'G+^[R@>< +MQ=749F_#:]QZ[=6S-=7;:DN7;E0ISZ;3DU#X]3R9MFKT#H3=<4X7NG\T'AK* MH\^L(/*GR07N(B;^:=MO9NM +5FEYUJ1YZJ:I76L=([V9<'JS5IE1,BS2>_2 M=;57&D)5^]VE]YD#L]EK5IJ=I$$'8J!=%N-2.K)U.D&CI^I&KTY'* \GPUZF M)L^FGF=C=-165[9XWWY["[.J:];%?ZDNLJ0--8'RE@,TMA/X:\?+[\=<4/[_S M0AAK8DT1WNZ|@N8|M5>OF*L,FY?U&7L]M7VHM!5Y.JL*&S15U\MZC?)P]N32 MMIMJTSC0Z9Q3Y/S.'Z9'_U1Q'OP+3$^8_94.E/%7]M MD**3CSZU!5JU09&+1]_)W)UULL?3_Y7OW[=M)"\?T'EG*N9^G(8/D1\'_^E M:F)O=GV?./;%%SN9^NX(H:,0U12I>*S\|=]N@)0IHB91$/?G 5JTSD@=0Z'^#'ZBE[YRJM$SM4R:(>:HELW.GSLDC?\&YLGH3.EH*HGU'&]#J:2 M84)%K2I'2*^X:N9I3^E5OI$L_:XK&,.*:5<[¥I:XN0YNAK8R,(YL8UL3E[C! MEY(_=\-0I+XW$D%&)C'T/0)-Y$;._#9_:I'C|+,K1/^3$OI5TY*E=[4=9#S MG_\Q-'3CM<2.Q(Y,-=N7X]"QI:]+5WKVN=O UTPK7RHU2,.:'4]VFC+H'7D4 M)W/-&IQK]NMV@\PCRT*G3= VNNW*BN&G0J;62%1N25,5!U DOU M,,T(?WIE:.H@^T:!W* (Y<[!_O;=02=$*X#]850/>R'MH5EI*1+ 1.,4@;ASP MP1&%*>< GH#/APM5R#QT9S0$>))QPO#)*4"%A<5]P\-@1H(DW)$51>;P<0(4 M'Y"[T]>V)O98%(E04>W\/Z0A= [GE7FYWQF0Z96QDI>=Q0F#OBS=I?W1G]\'Y5SO$LATJ*/7@4 ML:>2SU.WXL260V.(!.5C!AH'M"")@;"K|_;:FC8A=()D#F* 0 XZ\(A>%1 M$N67AW2"A&_&""%R3%-<) (VR:J9^I$+T?)47*4"'5'K8]*K:.>!>;3/(AE%K&V&D)'8/\FO7>Q@ TK8U3[MR_TW!U3/_, M'D:@4K\|T FL]9%Z+W01H6V4;!I*=M/DYM;(""];!#<68 M@R3,@R19@>19@,03(%&XW7N",P-V*HG$%& @@TD')B!89M'C%MC P^0VVE(: M<$>8WZJ81^PQ^^-U%FIR?;Y9/N@UV*_/P#BI"$&YL^$'H%]*!)))@T-N MX%? JLUH^02H -N9H*V3-LU&AW4 I++4$BF.V=SR,$20PZ3BGPZ^ W&&'$Y=]LU&AW4 J3>ZOE%NE B;YJX$FVU>A8T"ADWY /^@.YS%]:HGYV@LCRG0>- $5JV==`2_2$EPSI/Z8!AXC'X/ (T_/S'<6I\]QQB;>W_45TZI MC_6Q>EJ.%|U0^L;@]8;"+67$AE XND=;@Y71L"]-A-IAQ>CIK3<0:L3WR_0L MGI$T2>(D/++X1W.U3=\PI U0-ZP,%;MRS0AI!IS95?C\TU/'*@%9BFW+|\WU MQ.U=;W#]H$Z7;(.-89#* 2X3,&=9EN9,2V@/94.EFN)&'RA&_T8%-5ML-FQ(M"B>8S5CHG$E0-%9? U:L_K30D5E)"/[+)C30FCA81V9GD67M7-U9/W=D5+%EI M/%PIY" -ATN!-G=_@,]G(<,;H#R1[)P1R,]{T.Q;M650MH*!^22Z-<_*&]5 MI;"K+%N%.S5'5HWHZ@K59F.? &2[PHN+',0VZ@OK5T==E2,NJX]J(*+L#>?7B%#> MA+/PR>VLE=7*U4S1U6%9;Y^T16.4=4&4]3QIP@1MW4>(PB>*SW6=1=KQ>A M^H=#H==^7N]6,4$;^^.%D3 ,,O$YN->>)/+E'),OZ2KY4B7OJA6T 2S/;/@% M7O,UP!(!GALOB$,3+%V$\WRE7I)N;6^1F1*0[E@N%M$9,U'11H%G7&?*B^*L M=BY0B21T;(&;4]|>]? #,%>_:%=^Z_[NHNQ1U9+L?Y@QK&(&4:/K&+R;'D7>" M)9C2NERID'G54].F'6L%SZQRF?RA>+:,C\?Y>E_):.R:F4.,,'U$X8:&A@U MHE|A3$2H@X(C(E'B\(H%KO\0P?(=G! DT!>V@$= |OK\Y9/$%\KY"L T"$ MTX8P"8CQYR 6P.%4TM+E$H6D"K^Z?-H@|5O5A-,_8S $)|KO9!85\]}A>G^! MC@$!V:@>H,0&T Z)H*BO&SG;L&/]!+^5'7@#*SE %-9I-G M>I07_TA&44RYPO06G!E#%SD4.&E.%V'@H77GSD9HRLQXB1+@3%SU>^]#;@V5 M!%?O+!R'K$I3ZP]G1S-:%(.K9.^N\,Y;D'5O ;MH\3".Q\|AS"^@0-X 9*2R M*F(;U!'C-;C%.;@A167:]Y^5<,Z]"Z3<8O:7]0:*]-?N%^0Y]5#]?X$/:??# ML2B9N%(:T5$E,.%I6M&8[PI??8H#YPOPSPSQ5% ^H#D;OQ ;<2Z*.)2<')0R MRA9E;G75)ALZQBC3,9 *YUHQ2?525:DQ6%#P%+PW=]\A,I?8S1%U(([D1GW& MRY("Z\%7,RPI^C#BKT>/+W0=":_QO9%9&)KB1VT<6\A!^ICXYX6+C_$.9+CFS>^ Q<3 MW1|H*CNR-%BQ&HHF-??6GB2UYI#;<;DUDM8DK75.K+7<7;_J9_&WRUNX6OI$ MY2/BQ;O^P!NP9VW5_3'Q7#IRO;6;KY>.CQ>M[-CX.+DS2@+D]3Z\NC,,31D. M[7MYK%@SS#0]4;G=V)%\4UO,#*W5O"Y:FFAWU#D0M2-O\|@ZX&++=CR9@=APD M(X^)FZ&=O/|]3LC4FD/00^PI@'T'5Y)PS JBF@0S)%=WEBF-35R572*YH+U<8 M? 4O1[*-+Z#68)ZK$(2_&'[6C!OA7;:T#UG5JH2X.R \QA:UF$;1E/+)GVR],CH*NWX&,GQV"HP"%)R/9C^C%M?*1M"/#_C-?N=\2'$1.$O^ M[75192"JB"#EHG^A]&]7LMOYM_IK^$3&;.)BT4V1@N21(1]<[QD#(L]JU6L M\$BPZZ>/!4F8OV;G^H265N^(U&Z3AU%+\M@5Y2?SD$4 .\"B&Q'8E)/ CN$3 MT TE/!3]C"02#**8LI[N'L+T#FS>>A&\&@PG.]TNZ<.*&S*PP:NXX21."'"C M,/@",;YX$(:>BLO7]F= P!GG*8&GS)'2F %"V&D)'H-V2N'Q(3K--D4"'(/H)M!%ODJ38"M0.0%;$4X*: ;0N=]< ?8'DLYKP3E)=836*-B\QD#VH5 MW2W>Z,?,NGDL)0-#WT3P_HC4S;'+)WQ$Q+G.(7D KJ"0BZ=! M..H_OV'I> 7 MM(@MM,'E;8[FICV;0TW1>D? &IFMPWB!IK3FT9MB:TM7JU$M)^S$X^_1!PU#L.HW 5O93ZQKABKFC[M6[3>E?G>A^!'[JN*;C6W0WP]\6/IBJV;$CFU1{ZA]:= 31,U>YTC0+L*78L M!U3H1Q2Z7D]]ZW+N:Z.S6W6EKX&>U(XLKU7K#%9)NVVGW9YE*X-CRQ!*VJT' M&KM)NSU=,7M5++:PF4.X1]P9:<3/ LM0CB\ZT//5?5DB4XUM?(7%O?!)5@O@! M*3C'''5PY_OKCNW ,\/ZG3!+_UK=W0++WK3(!*K&AL^I#> .M5PQ3ENJM)W*;7K,[W=B1K%-CY/0KYT(K,BF;/+U$B>?IH?UVFFM|FS%-F3F M8WVQH\G4NIBQ]9E1FH],.-5;F4G/?#ZZ>U=.8_N(2=R,OFFW924VS3*U6U3Z5NG%6B6E"LI|Q;GG#W%ZA_9G[!6E%LE6-6FA$=|8*KUDD3U M,:1EQJ,U7Z\U1WH9BF+9B&D?>M*F!DI;4UAQJT\"%,96> MT=RB+Y+:.FD-MUM!2;*VYD]W=)^F&,90-H]O2,+K$9,R7<5\FP)UU(04].HK6 M;F-$A]:PZUZ8E|91>Y;H;DMHDM5W+QIT/ MK;4[Z^08&[==>2>GAC=8CI=W]_=PPQL:3>7=ZN8]UXN(WFW]B4I-8<4MCON.I:D-4EKG1-K[787'|'E0F/M\A:NEC]Q^8AX\YW-E>^5H"\:&EG:&*]M'B!O]^:5G3G0E9YAWLMCQ9IA1MYMKS-Y)_ 4%C-ZSU*UZ^*EB89G2-1.Q(W MJQJ4ZSU@3<#L.$BP]3C/Y>]DE8US0],6"*(KMF8KEE'U"'L 9 5332(,DBBYS MQ7&YJY(K()%>TERL,JZ_H6O=# MXHO&61)PKXL] U%%!"T7_3LT#.WU6H(S_TY_#9_(F$U<+/\Y6I D(NR;XR5C M6-1Z@;%5E1*%AX)=/WTL2,+\/3O7)[2\KJC:.;?(P:DD>.\/\]Y!% &_ HAL1 MV)23P(!A$]-)3Z04_8PD$@RBF+*^_1Z"|YLWGH1O!H,"&O3-M0-0*\|K!) M[SAA) [(*_R^P)LG0,EC:/ F=*0 4)W4 SA3H|>>0 :4P MH#]'+_)GZOO\(WMPHRB\%?S!.PQ^# */#TSWUD0;"8@"%G0.Q : 3#P:Z*X M0D=]:YV@=]VV;.5ZFKC,]D@64;#2 ,_"QLW& (X"1QCCM5\@0[PH4@*!627\/] MM:.^6G7XRN"]0@MF,A0[V2A8MDG&K_K9#?G!YP0LG/]2JA*,8."*>$KJD M < Y?#43';ZQR34,#'=VQ4;27%YY1F8%A'JB\YC-1BP4I&!J"C$TH_=8B0;2 M5;,VD3!T %P>G4?L,?OC]=B-YAY=/+H^WS4?]'I]N@)))R;$B?G[]XH[CZ2,W MT;@=DH4]TS>G/ZOPTP_;W_=,=3 T"W_25+WP^]*I#$%NU>_U^4Y5_/S3,N*CA MSJGVA(H/3)+<$3Y4*]#+>O-L^]V@V F\.L5 E52#R>3X,$IAU!$>.#KF!J3_BI/Z> M2C#O?,>=@_X948_Z#B-WJ?4E-IZXCN2ODRV=Q;E'6C6-S (@]@!2L] MS=R3@7+%#/>ZL-]NT/6&>GL/09:M_\'GA(MU]7A\/L3>.B0,.EID*I?*

#PW4@=GB0KO%FWY/8XQ8+!U32G]_,[-!QCY0<@(C7FD@02A"QX]·M#TM(+<49S!@B:QFG&'F=5%"GLE/SU-,OG_!U-CYJG:(;J#H:>[;F:]?8>EW4·M3P-[,!S)?:"']=2$/5#_>__O!TCKUV0NO80l7NG-99YQ-Q}FIK_Q\9TP5F·MU<"·/Q-,"+C#%)·Q'MS^_O&GXR+B392=Q_)/%_6,I@X.R;3+5I6.[>$A^G8R·MTO+L_/MU>R0]P-160^@H"KPD+A]R>Q.&9T]8]HI;=DOMWNBS;-_=.?!B%C'YY·MH!-8ZR/U7H·5D7;R60VNGTUN]>#MFULOSV;L06)KAV6ZW7#/+,K9[6\94X^MJ47G22WF=E*+3%V1J2LU&/\R=46FKLC4E2ZGKM3/^'RE#]/L%%4'Y3'_!>2FV·MT36'!QIV*?7#M*:-D\],51+:^UZZM(>3<A:K#SD5.KY%&4CJ,VVE:R9#G9XD/·M?9-(57+HZ57JPF):B=DUG7*3M)+ZT4#?X$E9AB7URZ$'W;UAU]3+=7-&ZH=R·M6X7_1'DA1UIB7=0O?5OM=>YP[KHI(?5#NJ[:G%-&-;-:AC.E(19# M\;PDBC$"..!_0N"+)]8SFQ3FW\)KW"';FWWBVP"[.!M M+@Y9HP2RG(BO!-.NY9OUM'5DUCO?K'ZD+97%,F5Q:.·):!7S5!/#DW'LH$XOF·M?H5#WN8P7!_MD(<3VE,7A@)>(G'L1LR)_86N_T!A2R#[S>9!B,$R'&·M_TY3&_EMMUAGB000HUB-DC^36·UZ(L!A2GWSHLM9}>&0I666(J0YZ)U0K"%L?H]E@A$,·M(\/*1>Y|N;2@R8:QFL.IHGF3?A*(GAWOC>P^-MAPZE>7Q&7;>2B|B)A^/H;,CN[D2=,\HW"U+6PR@,&SYKT3WJ";M--W9VM"'_·M9!ZVV@)'7773^DL(NL\&/6/E_6YN[K3P;>VI X*2.E\ !.WZ<-F"':0E"[T%M=W>P,@=0(T!G?XQ^F@(L6@=8S·%V4ASWX|.Z:Q<:L6UUH·VJUAGI6VI?M\Y2·MTL,$@W2X=Z]"5+/X, G[@L_86_BB5!D=4:#@+'-N0L?[!QY\.2=5N3GV//84;M%$LWE(%A7(-*3B^,>IL+!M0·R;^HE[-.:Z3M^=A·'3W+4&QM(&5(8;[Z>A97·M9ZZYF(IE]QH@,&X FF5I*2I*2XGL/9$"V)E{·)8*]KL4&46@>9@FRI/^0#WHG('Y3S5I$0DV4·M/8,>W@#1_E-U$·MR:EO7C2N0#A;U'K>MA\B+@!G^8,XN8&YRA$'%·L_PM2G+@1H63&XFDP1O>GMW_!,.LI.43;E_R0(\?'LR&0>]\XX ;=:1E.'*Q8>5IE@2M':T?J.NCY.OT]\·M-."F;!)Y!UGO61_T\.VGB&82Q"..·)RZ79%5Q!O<.1V·MY6R_*Q50.&[4;C(^V2I$I-ED2A6GV%+M_V\+L.GGF^G@'RUK1^H.N\7UWTV+ ·#NI:25.9\(+NM16'SU79S><S.,]K,45G+41ENYJAT0 ;(])·#LT\Z9Q=LH2|\^?A;9V2! MI?8{)PID%L6>+(HB[7!,G,P8L$6T+'7B72/H#]DK"$,$\0."?%S ·#IE@]!T2?, ·48YS9:*+:.$·+!1)MB$GXU86|@=6!"A##$\L3%M\'|5FKVZ_]YGPK"\K!K/E(O)/ZCC)+/'X M>M!MY$(R&/5|LFT>1"18.6P20,9H1.)]G+F=*_·P7M*$)%CET4]>8=GVG$2^@HN(01Y"VP_}]/ 'T=BGIB_!U!*BX)V#HVF*GD">"$&·M^3Q\|=3C]>U@-@=T,@7PAV[T!5^'KP|6DI]Q<8^X2G4*O"^/$97\5CIPJ:RXMY\XH(,'Z'J>A9·H^_%^·-M1&(8E]NE&4(OC6%I%?@EI>X+|> M!/\FA7!YKL*&]LUH]?7:4+·!Y9/D,)JB@T73] 42^]@FQ7R6_P334_J XCZ%[?H/>4_M#4N)4V=\/#5,NZNJ+LG=/=?'T·ME'U'\3·MHH3G6>'9.P">|\A*0]^$;+5LKQ!|5PI@·?#MPUG I|_.G2V4#\;DJ=|OS* ML"W%-OKGV.\%^D'7#UZZU5.TGBGA=7!ZH:|;BM8_I:"3A!A";#@T%+,W[-I) M_*'IF$:U76ND"4C7%6VHBY#)YL8KHIAO5SMTLQ58Z9#NY:W$36\PD)BI)68, M1>|;$C2-"RULDTE2:,KI&%4-1PD:72&-(;=)(T.!G.=1ML_\YKA^M7QN"X&-PA·M+DS;8&4:QT5XNP@K2S^D[X*$%,^0:?9.${DM<%5/NY#92INC;ZM:-VT.:8[N·MO9.I2B=6DD;)7>Z]QJ.2-#I#&KUNDD8'G·A;E#-HH+$!.*@?G/1+$%2Z+4%U·M(*C.0S]T2% 5@.K:SFY=VM1@_X)V=IHI>VDFUVUG:190=0}(RBF6&V4W*Z(GGE8.6Q4.B5Z2.HHI(R.1ATD9>REC(IFDW6EE=F6M984)MV!%K1E8,1&5M^]^_N?/3^2?*]^1OT>Q.Z,QNV_F6:5QREEE8SVDGJW> MX@\|\#;A9.L[@(4UAW7CM.0.21W%",:)5;SE*TN@,.53U*EM"&EU)4./-;K]BMLUNT"R=N&&'.G+L&W,&BMRT·M_Q-\F-,%U|K8ZQ2[->'C65>H>1!XHA,9C;)DQM*V9!0;GT4Q=D.;A*+?4|8> M*V0SZOHX_;KAJ!N)}[ACP|@S)=+'5{QIPG8WH.P$X1CU))PEEU?'DPR#N\!]·M?A'+WGG\H"@D/,Q;^CYSR#AM/2SZ_>N=$_//#'GG\&,D8\AME1{!!CYMCPY·MBLA=VEQTZU·I2CN-WK_&?G\@Y4|Z&E@N+]19S'4=\KY:(_UR(D!UW)?;#R'P:K#[T'4S267'W11W' >S(&V,X1%!-O)8F3X[?O·MZ,}!=L2+AP\O/AYU9XTNHXX3D75/^/_*T'E#$ML0(5GQ*IQA*422$=<-·*VL M"Y3@Q<<.D^XR$!&5"\&2·0Q[MN,?$^!_/6_]?0?*G\YU3.YO1$E]VC&Y)KV" M+|P*E4O$HU]Q%G=25^#E'C@)), &\"\N·OK%UO#C\A:MMV^V:@I4PS_]!UHU·MU;]9/T^S3ENU+>-·<'40KSM2\1>T&NFQK*MN:7@&>L]WI#=]:GL+;NB7:<,HV·MG-ULPVF"?6;*_(3#VTKV!%IF#"6\#E_#:1M*S]*JI"FTH43'H6TE6U9[3]=M·M6?WRT{XONB%!=6!"A##$\L3%M\'·P1V6MOF1VVK*^L;Q56M@X3*>}(UBTC [·M2AH=,*^]W5!-FMB'-U0[+K,115A9OFWHXM>]Q19-P@=KZ6713BTH#;V^+,$D8MDC"DQ.B2W2U!0!W(=)$/Q14QG'W?;L(*M.\]8$N&Q0=VMA((?UN!C;JR;]0·MTE@L"=-*·T)21F&1P:[*C [X$;*#529·NEK\3-;%VU?E1U*&!(QB]UKM=Y,R·MNG0R)?N4[&>#JK6H6V(G2@]"]ARQE"'[E-39MY3=*&0WBHN'$##595%ZZ2"4Y·M*K(SL"2-DH/GKDJ-EE6);F=;@;T5HP]"6.TH\94^5#3KD.R8T^NQU&_SAJZ8·M0[NCF]=-1=;J9;T31*UU!]WJ8FC;Y>;]N@&8:OFOER(>]-9 (,0]"·M376PYS90.CXKEK?_KKQ:91,KS>]&\ZKBZU@'DM?>X;74%*'VX223X3=.(Q$C+·M$0EO6CB*#2>D#M;\TM_BU)Z|S=%/(]$\R'P=E!)DAZ*]>G_OU-+1MCK33O@P7R9.(O!^1- $\M+VC5·M"K=R(CF1G$A.)"Z85C.]JX&,46VFLC4-57LXJ-F:|HVL_^T)G/8.\N:^JJY[_·M]>%DJ[.@;V)SH:[_]#JNR^])DL=U&Y-0U77BW^Y)>XTV[I8+ZE9P0SD7[^-!O7KJH?1A>Z]-1YT# A,;<3(6S:*+W5UP#A@,651·M)4,=`GB]>EJ3JJ;2!A/8GZV(R1OZ!P,)QV3IG98VZ]Y|S:5]"'HPGP)·-^[·MVU.ZG+4$]+^Y1_$1/(H"%.5"\2K@> M=@DX7/P,FM!IED:\G6M8>K9&O)U!*M·M6P?7+,;8^Q>"V] 9:W'S""AU;B_NU-KXVSB:!%,_^/?OK+K#UZ<4;RA,A*_;·M3E^=M,,:Y<,?MC7=5'K]6Q3A.+[C:E[<2%)K#JEA2K1NO):T5A>$M)C6I%B3M!·EK5F*81N2TNJ"CA93FE2@DM;D5).4UBY*&RKZX!;U026E=8W2I/Z4M-8!·Mf=,HOB6'0?:?3Z@)N6_J3'+,QOJ$81M6XQCGJ)1[?TJ\-I2POJ5_J@YV3,5(W·M.7&X?BG:8:UI30[*&B/T'$=|5^V&/9$CI;24TNV2T@T?!)+4FD-J/4/1>K>H·MI"Y)K6ND)C6HI+4NB+4.Y"'^P1,%14D\!+7^,8&P;TZN6'K3&Q<>G"ND6;?HM77B>4X%V(T>>V=1,8K3XS$8*@AHCI^F"0&*GSMB18KHY8EK2F]0U:1)(4FL9·MJ4FQ)FFM"V*M^:W/#X/Q'\/ 2YL,7:D2697>@_LJD;6MA7DW3C;:C1W=[BEFMO]=8[,AS!P9IR(;36KLE@933$CM23DLY+6E·TIJD-4EK[:.U!MN?DM8DK=4R·MR>Y6X<#?&'9-8F/1%\GUR;_>_3UJ7F"0W)FG1·9E@H-,/Y'8D6=G#3X[:S]M·MM5L2&,E;P\DU.F2E_5_AU*=;·M3RU\TNTFZ9/.D"1-2YJN(4T:0U/1M2/+=TF:EC1=0YJV@*2EF)8DW2*2/BDMM3]*TI.D:TK04TY*D6T;2IJ58@ZH'+O_*\LBF?,CS%'_#W]=Q"Z\8)\>,'4\.?)Q/5<&K.HXKF1/&&M'9_10V5@M:/(POR[X:#&IR<0126M2K$E2:QFI2;$F:4W2FJ0U26N2UB2M27--DE]M24V* M·4EK7!!KU[!"< /P?EZ[NE#M;$"L^]$$R(Z#9.0Q<3X@CXU.A$R]^5$;*+W^M:8=*)X&GIE6P)$]TF"?.D#P@>4+R1)MXPM1T96B<=N-"\H3DB3;QQ!E2@25+ M2)9H$TNB"4,'@!'$2$/E/7CV{29@TC1H$_·MCN"CPV#[8S()@QD)'_4HI[#2#+1E#$B+.4D(D/]+(K0BJ3%5 ;OJ@^CB\|31EY6_8)YBY!YR"(,.^"·1B28D$!L'K/9·MB(5BN:.F$$,S>N2%A3 L);N4/"@9A<$?%#(XP'EG)/87O EFL+,%"5Y@W70^M#X-O[@P(PUN05V 7J ,"&_ ,I@J9TP5*%I+, Y^/C5@<>XQ?2T-;PO7@UW%(·MQTR%I3'R·P\?]TD:FKDP,/F$CVX,Z'4. . ,A"$D?A(PN2&>79\$24@2GR9C·M%U$+_ F\%(F_5IPZ<7W@;9=ZL#[X N$>9<)BC!<#XZF+(F$>A'"'&=]LI:|_·M(H@:V YR2E@#]4] Q,#[^:P*>7'C*0B)"75#\I5Z"6?H5WK/5-.SMZ4DH"!<·M_·#7-?&8$V?4Q\HH=VU|\:07?G9DTXCOJ01B)4HDR6P3G(;L]%6D32GP$$·MG^DS(U X,#WKK|7I$\2P?@'0N/<5NX!3,2%[P|:83GWY#DCQQA{C'LY2HZ2·MH^0H.:K=HU)MWT/C9-MT>7"\30-+^1'I:.8MAI"1Z"9DK4\2"XDX*[S)!; M0#O.H.D··TI.Y/Z=AMEBYI"N'T8AHU\>Z·36^DB]%[H(.&"1MTO!*$TGMWKP·MJLVMER.@@812,NH&#N8D\#QN;1(>-@(',_CJHAGJ@'$-1B=86),@G·G;BEN(M8(W-P5I#WPG=%N&6@E4&,[D:V)+\)D=1·A?%/'IY_WK,18-'4$>8I]<&9=?Y,MW'!IT8+E%ZW$X[!Z02+&5U3;A^·A8ESWJ[.O5WS\458^?^O @9+ON1Q.D"& M1^<1>\S^>»#UVH[E"%X^NSV"=!U>]ZL*W!, ^%O'SBKA531!X>C4@??/ZLPH_M_5#PO:EJ0[WP)TTM_KYLJH%JF&:EFU6]·0U?7B7VZ).\VV=LZT·MYV)5T;'?\C'=VG]NX+!.&%BW.9L:%)Y·HG/@0)3#J.[[N [NSE·MR2]*+\6[?\_^^HOZ\/5)98/:E2/=O,)(FF(/#%F#]R[X:#&IR7!ODM:D6).D·MUC)2&_·]WIZ3="·,!3*I/26OUI34ITV]$C!;3&9AINC&4!%87?+28U*3ZE+36·M!;'6@6KCGQ(\47:]&F^%GI<[-JKMN)<C:D=7EJ7T^T<60ZU!S95V(^>D&H02·M.Y)UNHLM5HK42.E&L2.Y)U:HP8*LBBF 2^MR_,$/U-85%T5&S@T&A:I4A,·Q7-L1AL:WFPW·M2&XW=B3KU!DYRG!0M12OQ(T4.Q([DG-JC!M=T8?-37QH-W*:+M9DJD!S·M(@.W% 373A585O*I,HS_6!52OU)5F*)U"%L5QMA7$T9&9VL8G6TW=DS;4,R^M/';2V)'8D9)-8D=B1V)'8D=B#|\8:,I5(/,=FA/5N"FM73OAX59AC=^RSE"\·M#+_K\)9.S0MPD+N]56]EE+F&46:)'8D=B1V)G8+^R8:BZWV)G%HB1!).G;$C·M6:?&R+D3V+F7B*D98J1,JS-V:L4V74EO^)2,XK72S6M.]+|=`E:8^?]~CL(W7A!/KQ@·MTNC39.)Z+!HU95/*<2%XBKQV?Z7W%,B5E2,HH6D)E,MZHP=*0BD()""0-*;MI+5:T5][E4{3L2,E07,D@31P)*E)L2:.5SDT%00=:[^U>2RBO%K$5ZWXT ,+C·M(!EY3$1M93#_1,C4FA]M2[$KM[P(\W1]6I1$LD1W6>(<)[J2)R1/M(DG>L.A·M8MB:YG)$Y(GSI>2*5E"LD2:6.(<:?B2)R1/M(DG]0+'"%98@TDEJX8P[/2·M2R5+2)9H$TO(H)/D"(_CQ;Z.0'\GG·M[<,_V5YF·'QV_6S)-L·H7AL·M.+:4H.4/S49YI6E3U:U=Y.?O]'M!&-O_7J9:F'W·9K"X]SP)G2DLDXS9"'']P·M.%XRANF!XL+@[`7·0$?I,73^>29@5·A\%_CB"CPZ#[8_)) QF) !"H:!U'4:B·M^6-·H(Q)0H#47O2A%9$[5V6J @+8U!+0EQ!VEK@+#\6D)E,MZHP=*0BD(

*I9(/O:Y'4$M7=K$H*K^ZPW.Q-US0O&?GHX)?*T[GXZ,)*KI/D&'X"C,*|F=>5Z M/?6RE@:T#'''*$*<,<99+TC.$,<,2-7]\ +1TM7N"H L9 I4A4!D"S8= -=?4Z M9!AT77@<$00ME51;@=''=CM;Y@Z$'Q$+KC;_S1#[-ND8^E\9T#XUI?7C[V*>Y MO,>!%"E\E1>\B!U^Y3E2J=D:%&8A9BG0.6OZ$GF3FRZZB^4\4"#F8E6;+W6" MQ!OO"U.9^\)4.Y<9#HM0X?UVS&I_WG'%#%/V#G'3T\("FWOC+GK[\N:=]#HR MJ+[\W_^FOHAS9@G W#5>WM3#++WT1E|FY(G:)3STPA .RXP^;K!\LN[GS[\ M]B!\:'&1#4:B4X.5&[E/KJY_%+YY&KQ)0US@-Z>YF*?"\BX\V@4Y3ZS M2'';S5 >8#/3K$9,C6E/"':N*U!">}&YYM/:IA<[%ZMXR-M7M?'A1>2IR@*P$<31N [WU'%)%EYGB;2R?)FI8CIFNN$LK1K4MG)HD8+$Q4U! M0AOS]#;<:9P426OBJ].?EYXRJ;J-O M0BQD@AH*2[1%/.N2C;-@'.5V .9BBO<-FQAMR>-.S^J$)FH"06V^0(SYW+=]B(.'U.YG>*/*#;-8OD@A+15SEXR0^E.\&EJ"!2F<,.+ZVO79G<&PI>1@F6D;_/_JW; M&$?IS4.9B^MH+,Z\3BRN5&^?.1^ M+4;*4^/8G(H*]5OATEQO"'*#I\OBW)'HN (JTS"') %3.N.#V"+2P@Y&+%6S"$@U6$KI<%7K"T"(3BZOLTW7@\IN%JSR|C?PZ<"!Y MAEW#V4RW@%Y_8\!'55BX#4OQ)>*9POUFB*B)H6>'#FF1A;(S$^IG#V$&BK4C MAPT K4HK?$8CK*@P&XWRM9N1]=JM0LGT0%9*":5]FJF9)7OJ?4&?M:2LO7Z' MJ# ["$V7$'=*5A| OHV(XQ5MV'BBNAL+U=K0LF;*C5HR(%SOYGT1(S:O0_@2 ME:XULQEYGR,>M)E'!#'IX_78C>8>73RZ/M\|'_1Z?3]T3C?:'"|_M">,K|0R>OCG|686?? MC^WK#4H5;\|DZ;j%;^WS&HSE2[*4 <5I[K\HG13M:UA MW1;54ZV>6<=%V3NG2CO8;_AANB$8I["775'+NIL_%@8OXF]C:TA!HSOA^EVG MK]MP7ZLP31C#Z6$ =]-XQNS'-/^5?_)A_F+3YYX,&,-M!"=0fTW;QZV;>GW$B4W$&_$ =J_U?IQ(Y;@:RQ?D!L>>QTL.(VG9O MQ'H#FH/W>>W&_U!MX7XA@N2&#;<7!?B;3V-1VNJ@,OWT>U& B%[_0O$]\ )\]PZ M8$D%9Q1(>@^FJA?XB'@,CG,-O7[C0C\#L%,I67TF;[_$XI8B?JGM!K76YI%MAAEHA^BL&X!N'^/4YP"*PU7#FE$-;H7F4.V,AK3E>V,-5(F= M2YMT1^OOAJM=LYEJUSQ%[9[9@FN$\EB[#'J4\K@\U!H6!#-X-.I'TE.MDX)@-MAP!VE]PO &PSY'Y/4^RA45'L%Y/1Q91R9Y$S["D]8W ;Y)PCS')F#T&.;\GX MKMA[^^Y'-- +LZTFS[Q;1EYB"SERSZNH%K=H9"[_^\0Q4+72NCHNV"-S^_MYN.[8EYM7/MJHC5%[BQI3AUG3M78DFI<&,U*#[4N'T2I3*5Y7%FFF;BM:K>H)R M1O#4-%]7|D1W><*P-;6O'YF+?BN>X,;!#[QHQ$$U/=+W/2]\{>;U4^'BY1 MYN.09]0XZ6X3$3C;_O>YV9I6]UY7W:'B';5=5L5\IR&OD)[VZ1.#+5Z[U7& ME'BETF4WI.*>? &DMTJR-DL?K.$7NM[1N=\A\]D*l:N6N6T@\JRS<&}!(*=UN M=8$5N$U+O>,Q'-Y+YQ6DWHOR0[^MR@^MBK6*38EQV,$5/J2EB8 *>+_) M]6Z3.R?E9#7E- =ZW:E(#%:XWEU37^CILL$%|'7M%5*%YTQ:5Z[6]-5S;=>1 MS>>4U9E@'E!(/I7BED_*K6-QKE7!S;0SHHK%+X)05.-R4XZ,LH+Z.Q?#

MUS$6"Q'YML>T@&LAAYEUY;"BNNLE5,G[LJGW:87T8R@S7T'|&,141./$5<%A M7(.AI?T7YH&+W5Z+"[(K6=|%';]5S($%Y@MKRG>,F'NU);;/0%)AKI=AKA9< MKJ[@0;G"CLLFJZ;HS#?X.;FP7V/*^,48!4QK&JZ.'\&'SD%4@4#.2O<5U_=; MI-7]2]KZ;9?N^_'*!?IL6]4-HVI|OIZF#H:#LQ5X|S93:8&W@=HW]IZ\|/NA M:9QG44/5TOMU6Q2(L+YU2"F\LOA6+IV#H?(:6LVH6 ME-)N*QI6#0(DF(J*T%#7XSI[63>Y5]6I=*M1U>]:KH4E*Y$55<*2U7NZ7E&E MKVD*O*"QEZ,EK36'UF2E*$EK5\N.T ;*W;1KT=WQ5SL:Q2TX4K'K6R MQHEA-=O(:C=V9'V@.F/GIKS3E0M-9?6!9&&38VJ4'D.P9[HH(+$CR\XT%SFZ M92N:/)07H^7X9EI,;M3]QWB9M\8>=?BHI"IM[!6M*>,\S,"Z$9*6'*%Y(KS MWLJ3/'"%YHKT\,=#[BFT=:=;7ZU:>@-^/O*]]X]HP/WF8 O,\)729E+1*P74C MDQA.,)NY,5XTF@3ALLDV-N0N1)?+"Y,_=4=A/+D7TR)7K[9G1 WYG>0 M&$#>Q:\<3->-64@]O+8Q8E7:?6U[)U>FLNTE5+&T?AI"MM$<&OV:U[.+W?'Z^7ZP,.T M@A0 N]3UHYC\KGY2R>>0T2@)81KF)&%*IJN_@0:C1"3B/WUX_UDA3_XS\\@'-M^F5)O]G#?XEK-

'CM$NAJIN0NI.3F@W7/Z(O0Y_$#5G1_4[;R=K.YK^E/8>W*":_/D9%=M\?:@I*B MN_!1ZRZY' .+IQGX6O%E;F\T"A|_\ ]@$F;M@MJEM\)_ U!$ D4 Y3$!AIWEV577_? +0^V"'+I9TN4-@F1EWNNY M2Rf>G"%6-\"U.(F]9RL#_<@*?S(Q\=+(4>U;9"7>9*^7ZSAZFA"O':#,2O90 M6])'?WO_TZ=F%L'7+U0$_^3DOBBQ3:WS>FDPDZU? 9>;X[1#&4XZ)]4&+N> MY>"K,)D'1P6;H1LMM5]5-U8%1)L5YYG8+?O-M/ESW:,WMGPPLF TC0G25]M0(1)A5(A(.:

($@F',B$@RXG'.@]+.,!@RHR#6F+'4]V!S#B0&0<;D=W.IAR0 M)N8<7"SEH-WGP+V>TN]554SRD/Y*%[Q5[1;Y$PU23%T\I. ,+0 J;'-(7ETK0 M=E5+..C\LVXP/F__ZVKP]3? GV.;2MTX[[#\#D!K@ I8N(<#694+ K;W'8T//-MM8-B44Y U_O4WI*JRA.9!R$O2A),\B4_QFP4DV!U>)<6_@!43(^H_D%V8'@/ZT*UPT92S>**42D3M79;]" MA7LX4_",YO]Z]_? HOI9E>?;VOMU$008DK#Y4%EWG+'.EA(.69X/IDDG@>2>9I M=_)9=M0%V-LU23/H5G9AZRB+X.S8J/LK.7LGPD-85I1M(QFQXXG>Y5]6I=*M1U>]:KH4E*Y$55<*2U7NZ7E&E MKVD*O*"QEZ,EK36'UF2E*$EK5\N.T ;*W;1KT=WQ5SL:Q2TX4K'K6R MQHEA-=O(:C=V9'V@.F/GIKS3E0M-9?6!9&&38VJ4'D.P9[HH(+$CR\XT%SFZ M92N:/)07H^7X9EI,;M3]QWB9M\8>=?BHI"IM[!6M*>,\S,"Z$9*6'*%Y(KS MWLJ3/'"%YHKT\,=#[BFT=:=;7ZU:>@-^/O*]]X]HP/WF8 O,\)729E+1*P74C MDQA.,)NY,5XTF@3ALLDV-N0N1)?+"Y,_=4=A/+D7TR)7K[9G1 WYG>0 M&$#>Q:\<3->-64@]O+8Q8E7:?6U[)U>FLNTE5+&T?AI"MM$<&OV:U[.+W?'Z^7ZP,.T M@A0 N]3UHYC\KGY2R>>0T2@)81KF)&%*IJN_@0:C1"3B/WUX_UDA3_XS\\@'-M^F5)O]G#?XEK-

'CM$NAJIN0NI.3F@W7/Z(O0Y_$#5G1_4[;R=K.YK^E/8>W*":_/D9%=M\?:@I*B MN_!1ZRZY' .+IQGX6O%E;F\T"A|_\ ]@$F;M@MJEM\)_ U!$ D4 Y3$!AIWEV577_? +0^V"'+I9TN4-@F1EWNNY M2Rf>G"%6-\"U.(F]9RL#_<@*?S(Q\=+(4>U;9"7>9*^7ZSAZFA"O':#,2O90 M6])'?WO_TZ=F%L'7+U0$_^3DOBBQ3:WS>FDPDZU? 9>;X[1#&4XZ)]4&+N> MY>"K,)D'1P6;H1LMM5]5-U8%1)L5YYG8+?O-M/ESW:,WMGPPLF TC0G25]M0(1)A5(A(.:

($@F',B$@RXG'.@]+.,!@RHR#6F+'4]V!S#B0&0<;D=W.IAR0 M)N8<7"SEH-WGP+V>TN]554SRD/Y*%[Q5[1;Y$PU23%T\I. ,+0 J;'-(7ETK0 M=E5+..C\LVXP/F__ZVKP]3? GV.;2MTX[[#\#D!K@ I8N(<#694+ K;W'8T//-MM8-B44Y U_O4WI*JRA.9!R$O2A),\B4_QFP4DV!U>)<6_@!43(^H_D%V8'@/ZT*UPT92S>**42D3M79;]" MA7LX4_",YO]Z]_? HOI9E>?;VOMU$008DK#Y4%EWG+'.EA(.69X/IDDG@>2>9I M=_)9=M0%V-LU23/H5G9AZRB+X.S8J/LK.7LGPD-85I1M(QFQXXG>Y5]6I=*M1U>]:KH4E*Y$55<*2U7NZ7E&E MKVD*O*"QEZ,EK36'UF2E*$EK5\N.T ;*W;1KT=WQ5SL:Q2TX4K'K6R MQHEA-=O(:C=V9'V@.F/GIKS3E0M-9?6!9&&38VJ4'D.P9[HH(+$CR\XT%SFZ M92N:/)07H^7X9EI,;M3]QWB9M\8>=?BHI"IM[!6M*>,\S,"Z$9*6'*%Y(KS MWLJ3/'"%YHKT\,=#[BFT=:=;7ZU:>@-^/O*]]X]HP/WF8 O,\)729E+1*P74C MDQA.,)NY,5XTF@3ALLDV-N0N1)?+"Y,_=4=A/+D7TR)7K[9G1 WYG>0 M&$#>Q:\<3->-64@]O+8Q8E7:?6U[)U>FLNTE5+&T?AI"MM$<&OV:U[.+W?'Z^7ZP,.T M@A0 N]3UHYC\KGY2R>>0T2@)81KF)&%*IJN_@0:C1"3B/WUX_UDA3_XS\\@'-M^F5)O]G#?XEK-

'CM$NAJIN0NI.3F@W7/Z(O0Y_$#5G1_4[;R=K.YK^E/8>W*":_/D9%=M\?:@I*B MN_!1ZRZY' .+IQGX6O%E;F\T"A|_\ ]@$F;M@MJEM\)_ U!$ D4 Y3$!AIWEV577_? +0^V"'+I9TN4-@F1EWNNY M2Rf>G"%6-\"U.(F]9RL#_<@*?S(Q\=+(4>U;9"7>9*^7ZSAZFA"O':#,2O90 M6])'?WO_TZ=F%L'7+U0$_^3DOBBQ3:WS>FDPDZU? 9>;X[1#&4XZ)]4&+N> MY>"K,)D'1P6;H1LMM5]5-U8%1)L5YYG8+?O-M/ESW:,WMGPPLF TC0G25]M0(1)A5(A(.:

(

*47BCS2H"KP*5G*5 M!FX16_^"%,.1)QYX'(F&*^$8_EB9,91[;26F4^;S,10(,8",5B+V+@73QX1 M5CB&WIU/^1S.Q1@$$D,V2]6U;)QNLI&" C$64& M8N.&/ D_E-%\@IR 6O2+ M0DDM"V>;+"0P(,%I$0'76$1^!Y.YF=63XCI3?^QMFGHMVR+S7@6(^Q?4?S3- M,:4%M"8^VC2QD ,,X]P01,$:[@312BTBX M1YY\"1Y#RE\?J!@K0D=EN$Q'KR726BI.\J-7!044%DB#M8B-2W^YQ&KP&&8W MQ6!>6%T$"=-:,;!6 EI/(;I7A-@73TI5[M'4\A P5=F*(^,%V*6MEBR)CQ3&%:0$M#[CT\-'THWB(KVZ3T#9/S'W-OUZW+ MKW'^%(E0RU:(3A:0HJ CB:&)"P1U|OZ4>\6.48" 0H'?IB?R/Y_V^[V "4#U MZ^AO;8HEDV#*T.^!:,#7) /Q:DY*RT3N33R! ^%&BXRNGU88^QXV'R59X%43 M=7R<)\)LN@)\B*MH4^\IFWMXD!>WG+^(,+2$Y1(HY:,8X$,(VB:*RB8D;"C2 M8&@IRF5-RJW89-(R0MA;EH(/,TEAZSRS6WD M-)5'MN$M+Z;E)I^%2"6AVVCZ@O2G#07EXEH]2:QA2P5I0*3H)C< M9/>53?:^3QZHRK]\)G=WZ!Q5 M\%IOR*6*3+SA^\'D ,259N8Z6LC]>M:AWI"L7%S+72Z-E$R M'W(M;9$TDT$ M*I*;9BER,1\^"8O<X;H<8E<4/!/AT@!$<@\-)>%)++#I'$TZ6#75_=2!\X5 MSLIHW!&UT7:6+VMRKM.%=50X5P]\2",@5)*)S4]!&NM6NE1JZF)@!:A-VN$,-5(B>2(?I'&#F>_1=>)Q7"*/36RB$3B&?8@83?HB?D#6[(*K ,3MM5H742 MXR5P&]//2;5 U0L&(*SYW0]BD]7,6WW(+ELC6+ZC;6XA.6T M]+/,5:"@_Z>5RFQ6K)3=?A,N75;Z[O-H8|3]T,9J6X%RZLY+@=G?KY!R*$4,M-MK,C3PVA9R^4U$\S\"1FMY,IPT;$5<9:86A9SF4?+E;H.J=C_APG--K-C(BFCMGTM- MA?+MM'9^=7^]'F$"I&4FE]HQW##PWF>D XM15P$+EXF"_FSS?HUNMD4M6OYS M69NH9\KQ9)$K=.11/I+^5/7R 5=4MH5NL7G6CMT<>(FPEL1]WG?"Y.P_(8)[^\ [EX*PM0 MO[<_NT/+J3SM&$X9^ 3$#:8 ZZ@N XGW#5)Q@3ZWYBL75)TX_BJZ"??=! M?=5I+#<+/NWO$ ^1QS /YUR_4#U;GG; XYFC9 >&WP-9? +OWL^DN(R8VX)X&2 MSP;FVJHV&MPC!^$GJ4IZ>T-E(_5R^VO=T2Z;M[F]*F"\:HLKH!AA.^$(NCA M/Y'[A43G=;"[<$2N RX&TR:808^M;5 #26^!\"NK/+XU#:>Q MSSN.6AII:)?PRM(G(J+15P.CW$<-&1(W:=4OPJ!,OE(C[@WQ862$,H^P@MBY M)X17!+R<&39OK]1/JCV_HK9;F)H,7)CK79# M'+DS2[QTA__?D#%\#8\/\N,M'!M? 9RJQ4@VQ-U2"700&\W*OUEE;!4M4E,# M3@'!8E#GX!T8],#*]@SI[2.>8Q&XZUOYR+!XXLG6V\WO$,AHH"19#Y_< RS3@E" <;&]8[SZY]*GN0F@0IM4X]L,:&HS'U'81<)DE5 M^LZV,DX]M,8ZSD9SAG*)@N^(7G.X^EQC 1W6>:C9*KWCC[[[-DLV^.LKV5J=IR\LW(=U^+Q?T#.5>(J)^7B(1 MV^1"9RX7XU>URT2R$2U.1I#KC?1L.!<^-Q>JZE/,QO+U$\O[C72QAD/W_X(P M+!(O>6#:N%F\M^27D-)7\;O,.'6@FCJ94]PO'A9H+&A7(TL9-I'C!Y2ALH:G^!^MPB!IU0VW MKZZIYC6,R4-^A:!W)2YM&IW32 WMB66Q)46K?+DOZHJUL!$E2+ANFXBM5KF M1\^<M&V8<V MIZX35T.6+K0_ZUW!5S;BXL&'(N6_!9OPL6C+WO$; M9_3GB.!<&+;!=!C^!C M?-]@.>BVJ(U8&6K0"/6:-O9];RB7**+UN;902O+=BCA),__@#$DS0OEQF_Y-_M&VL23'WJ8GF&T'[,55#!FS98/'0?$>_UZXN#F&ZF8.?UO&GSW6:MT]>VE31T_%G=R&OHH.KLL+%\0}M_%WAAE ML](NLELA6$3M2A[7/ACGL)/3S&$&T)UO:RL?"/\|L&_0$-"_$ \(=V'BZ'F MK:NT>";,<[F09PO4-P?]O:&[@*]H6\! M!JU+S]!>'UNRC;$*X9JZQ*HV<>GPNGO7!ZDN&FXE*OPA/*5:W2J=Z MFTBM;_;84M$WTNPK/)N)H..H^ +0?X1(ACWQFJ9?&KP%8D-[@1HIQ/N!U3:% MX6R&/;S?6F BV8SGKYJ%C[.)911.G8(L#\\-Y.*4L5*NW-J@>WI!=-\!8"I MVJ-GHO:+R#G\K6V0!?O1BR#N(!$C8WEMG0G69!3+!1KAU^DSO,4I9 "]:_R" MW$3M:U2U>-A$N!$K_M^JWF&"E\'RADA9^6T5C"$OJZ3_()\@!)TIY*42K2T%>9X>CNH=_K#51S6KEBC: HUNK$3/F3 M_2MOK_LG,]T_-5#W8\VT=;Y8DW3_:*; [OR;17K1]*Y,\=_+9;4ES!BSJ4'M M4Z$XCF%2PW)N7)-8/FW5W$EI 7=WEY6-Z&D^2M4'ZT1ZJ#ESYFS0$OXY;?_!U!+ P04 " "!/F=9 MY5-4Z/8# #9'@$ %0 &%O;7(M,C R-# Y,S!?8V%L+GAM;.5]6W-;.9+F M>_|*K_=U4,;]4M'5$!)=GJV-J1+#E^YY8R2 A,PMBO2<0[GL^?6;("515^M(MQ*&HFG"$+!%$4\0'YG;PAD?CJOW\]GCW[@ET_7BY^X,^? X3PM\G1^]-/S MCQ_>,/_\W__QM[_]_7\O]#\OW_WZ[/4BG1SC?/GL58>PQ/SL5^GRT[/E)WSV MKT7WQ_0+/'L[@V59=,>,_6/U9Z\6G[HUTZ-/RV>22WWVMK/?=C|ZQS6(H)D! M;YF.5C%?!++B152R<..,_K>C'Q4&Z;SD+')EF.Y!,A\"LA:!]2BK3FXM=?>AL M.O_CQ_HE0H_/:'KS?O7C3\|_+9>??WSQXL___SA:^QF/RRZHQ>2<_7Bf-W/ M3]_^=K[_U2K=XL0PHO5;_'?VD)O>B-]K'CQG[_]^CY]P^A'FJ_33 M' O5B[\N$BQ'IWP&'=WOJ^_0JBFQ]?^_S\'W#][FR]'-UBAN^P M/*O_? WSWR_F0,#_"V0+^..Y_2(OC%_77+UXMYAGG/6;ZIE_,IKF*^27,*O[W MGQ"7/^]1A^>DY+(X[5L7-@^(5R_\>*DO-G@3 MS-+);+4|O|+/IY]=X36%CE^72'^Q7JFSL6>+=.E-LRJG17?VES.(.%N].CGI MV4' Y\E!W]-'3YPK$E,D#B,(IF4TQ-!$7%71&E&T2TY?7J8ZE9[FLD]I@3ZN M:'OZL2_J^KW V.(_>V6UHJO5O#SR>N4>CO^0'M_N=:{1; <*@#4LE1*,%H\0' MD$R&(JQ"FZ&XQI.X,/SEF5Q@P4&7GBVZC'WJ},/_L2J3TI5U1H+=.D2;X_ M*?O>-&^!^O/I-EWA\|O>E6QOO+=7EHLW"K@5'@+>5I,$7F-++,WRSZ-[# M#-]CNFFRRGVKS$N-S]-A(M1"AD8K*::BF'19,%B$<)KGA5WOC5W!V(;P@GY M=#@QBDC;$2;E[@3S+_,OV"^KG? ^%G(%CLAT)R6@3ZHE$K;S3R%3(!$M)QSP] M9*A2]#G$C Y:, ^4N4$,HHIX019H*H1DW?E\LL=^ ^!V7$Y6S\$4#XTHHILG< MLP $1FE48"1WH%NKC>LHADA?/QWI;[G,S<3]CLC731-Y4*^@_S2QS@H>" -& MF2H&P\"B9R@BV2^%7LK06-27$0P1H_LUDZ8MYB>9N)^ #5V1++E] N>3DC8G#["[MP@H49 0"6$#09F#(E)Q.!Z97&0KZ*88B8[=,1\U9+W$S0E6(\Q73?OZO$P(T M(ZO2'RQ?0==]HU#_GS [P4EV.NCHB7E"D9J)]%ET13.!T=$/SIK8.H 9!&P(M)=S3H41[833CR? OE(OWQ;3&C)>TKMN6W2>8V1!2"XI.2"8=WY)""8R4;A3F$ M%$IL3(KK*+;F_^+X>#%??>YZ=2-_"L ;)FP]@L]@,'3_&0]%KG,HHCF5+^" M89]BW2WE? HWAVRQWNU@FYVF=.\S>PI2\Z5?P>;J$V41 R=D:PU1T|&0%%A_W)\N3CE348K[L("WI-S#M MUBDQI%&:4H-5H6O8ZB+SJ#%5S1F8NH2B)5XS&\:*JAPV13S'@MI38P> (W4Q^_MP1R.L.[GOT$\I2]Y>IB\$(FA38GI9 69J HG9^ZTLERDTEAEW(1CGS976ZF) MK=>[F>1_F2^1B+C\GLZ*B1>P7C%R_251$A0+R2G"&8P(@>!!ZRS %C[M!O; MBA>MI=$P<)KC87G589XN)\%IT)&"]!0I^M->D8=#3BVCH;_<75)2/\'T?#\SCOE_1U!7E1#C]CMQ[CAWF^9;?I,LXMCNS<>^"13O5L MMP"- #OZ0PS@]=29__O]Y8IS8%#5*%9C)M;ROGFOS6E%DB9K4D#)"AM9N_'44 M6Q\(6B_H_.CT_])]7)(R[,>$73"I@9""V8126,$+)NP#>>UC40^Y3-WE+R MUPX*:,7@:,5)8UZ=$/M-K4KE',$|(X=&'#>@2W5Z5?P>:,]

4Q@DN.'!=MWD;&43-$4PN-MDD?OI'ZPG/XT-?41$_KH%7474GOQN:[MO\ET?A[.\45(O]?.?%<& ,Z6Y[Y(MH;C(/6CE%1D9-8> # $(7/-@.&,B/-1R:3]';$MPA[?#GDX'IKE]?1#8T+!? M ?WM_85TAE?E!(L=7"8I>+)R)(E/T37#&2F+ 70@4GC"H/%;3N&1BZ@^($ M;/V.HFW8"&X]HI6/NP6F_L+&]_\C=G=E;L'J>\@Z-[?^"4VI@(OR2ZV'0=* M%J3-+43010A3LB1HK5NK'X[\1RS90W"_BWQIX/SU9#Q=PEH>,];I>GHI\%G2 MQB;"K!D;%F(,7G@L-H?6(S7N@7B2(%[';B8M!=N#,?@.1S6?XVV8SK\LS)]. M;/#89S^I-QO5W%DH>2F8.>8UKUM$!0U$5B(4XQ+S1;-86[_!]2D@;]LI13N(2.6+D)i;2PZ(@1 H28 M.0E3*&6\IK|HQI<1AT>M1*>2AMVD7E?M,UJ-48"8W&:&UED0G<3;T(J83>>#LU*&HV$%=%41LT04F2U> ME@*LA PJ'@R!2[*+0]).*ZFCW^8>W$!R>XL89K!T$ MVH,?L,ALNDY >(WS<_**$'G4"*'!0WF7P4SFN#&&]933?PJ5Y^NR@.3W,7 M7N[MU9V$YL=;_#D,1Q7+3Y/I^S#"Z_#R*X5SZS\-I&98V]H#+[* RLR"JTYN M1&ZL$XXA-L)OWA++,LU:)7@CH(K@9H MI<-$1DK%.3#6QYJ/!L(Y,DX*'Q!SC8(*7D*2T27;^JRXC>!9,]Y!F#U$=\Y2-MFEYB_GG\F6!=E>RER05>GV.#5R*WLFA@5O.:LZ'*^]HK2IC2DHD]E";S#V+ M3QX&]:P5H*W(&PZ960%\A5,"4MN*7;UZ4 PB.>.8B%X2+[06670 MA.;5 "R8%9XW\X\X74*A[45FFQBPZJZ]* JX',C^D,Y D&5(0 MO/7K?>/QSYK6?<78<"K,|54-'IK%#\,@QO.%KX S4C];84^C@9T6?/JF$X_)U]3X8GGT=SVP];1X"-M,[CHR'=P+!@,W'#>^CI^6VS//D[3"PD]N/8W<:X@:9-]B+F.IM.6+,G:=JP(-M2V(0W'F%/]F'FC%VU8LG4X%^.'M ,?81>"\Z,,8WY>44\W ^,$ERI8]!K%T= M.JE334J1M>Y0&U$'5:6'AD+M1_[U\Y^6];T(N4?PGM+L@=6WV5/:.Y!H@$(M(D$1'OJ?2$#K?(C\0=2LDS>0&X==;GQ^.?/Z[ZR{"';=AWP>T_[TVIC^M2S M2S M%RGB58(QY!U^NRGB5&Q#V&&VERRJEX"*+,&-2"CK!$FE@R4S]6K&1L;91O#>Y$ M5*(Y#SW$W=[C>#B9+BX6!L4.GX,)4(+O$##Y.7 MDRF!^[1HQ#5_,9W\3H;L0 C.$BT8T+,.:.02!!8M)%O0&JLQE=9O_T8PSUC--RP@.&;_@*A^)T;18A%7B/9,>DPK*M+@YO M'8 _=#MGS5XT>&.@AW+>8_(&S^=OPI5X8K(48O4OG4XGC_]G:6]H)4.='OQB(*LD2&ELQ:KP6O.Q&'-MR P!"H7+HKC-NG4@Z<;CGS_!^\IR#;^= X1W MO99UELO6TT=7;C5!$\Y@ L M2689>;LZMM[.3^S>IX-_^\C'NYX]GN LG=[/LN@BTC\SG((G6DSHN:XL=: M8_89KY+ ?IG,9]IQ_J:0.3G0$94TM*%)6W,:=+4TLMDB1+011+[BU!:!J M!F&M-%!1.)%D:Y?_<53/6D<;"[V'!-([^0Z#X@6*; 0DI6O/'L,@R"+)Z"4; M"$7QKK3VZ>ZC>-.T=Q1J#U<#CR6Y#$*0TDB,H)DD-60VD$NB-%C4N7@6D4R; M V>%/7NOH*G0-QX)?0^>^2J4V;2\^833Q2W8+(SSA@/O-N .LVEV?G_XVNZ MK;^_"3=19-*?]$'&OO0%<2#<.O!6%6823HSW1]]ZWW"34%*A[45FFQBPZJZ]*.]X',C^D,Y&5(0 MO/7K?>/QSYK6?<78<"K,|54-'IK%#\,@QO.%KX S4CJ;84^C@9T6?/JF$X_)U]3X8GGT=SVP];1X"-M,[CHR'=P+!@,W'#>^CI^6VS//D[3"PD]N/8W<:X@:9-]B+F.IM.6+,G:=JP(-M2V(0W'F%/]F'FC%VU8LG4X%^.'M ,?81>"\Z,,8WY>44\W ^,$ERI8]!K%T= M.JE334J1M>Y0&U$'5:6'AD+M1_[U\Y^6];T(N4?PGM+L@=6WV5/:.Y!H@$(M(D$1'OJ?2$#K?(C\0=2LDS>0&X==;GQ^.?/Z[ZR{"';=AWP>T_[TVIC^M2S M2S M%RGB58(QY!U^NRGB5&Q#V&&VERRJEX"*+,&-2"CK!$FE@R4S]6K&1L;91O#>Y$ M5*(Y#SW$W=[C>#B9+BX6!L4.GX,)4(+O$##Y.7 MDRF!^[1HQ#5_,9W\3H;L0 C.$BT8T+,.:.02!!8M)%O0&JLQE=9O_T8PSUC--RP@.&;_@*A^)T;18A%7B/9,>DPK*M+@YO M'8 _=#MGS5XT>&.@AW+>8_(&S^=OPI5X8K(48O4OG4XGC_]G:6]H)4.='OQB(*LD2&ELQ:KP6O.Q&'-MR P!"H7+HKC-NG4@Z<;CGS_!^\IR#;^= X1W MO99UELO6TT=7;C5!$\Y@ L M2689>;LZMM[.3^S>IX-_^\C'NYX]GN LG=[/LN@BTC\SG((G6DSHN:XL=: M8_89KY+ ?IG,9]IQ_J:0.3G0$94TM*%)6W,:=+4TLMDB1+011+[BU!:!J M!F&M-%!1.)%D:Y?_<53/6D<;"[V'!-([^0Z#X@6*; 0DI6O/'L,@R"+)Z"4; M"$7QKK3VZ>ZC>-.T=Q1J#U<#CR6Y#$*0TDB,H)DD-60VD$NB-%C4N7@6D4R; M V>%/7NOH*G0-QX)?0^>^2J4V;2\^833Q2W8+(SSA@/O-N .LVEV?G_XVNZ MK;^_"3=19-*?]$'&OO0%<2#<.O!6%6823HSW1]]ZWW"34%*A[45FFQBPZJZ]* JX',C^D,Y&5(0 MO/7K?>/QSYK6?<78<"K,|54-'IK%#\,@QO.%KX S4CJ;84^C@9T6?/JF$X_)U]3X8GGT=SVP];1X"-M,[CHR'=P+!@,W'#>^CI^6VS//D[3"PD]N/8W<:X@:9-]B+F.IM.6+,G:=JP(-M2V(0W'F%/]F'FC%VU8LG4X%^.'M ,?81>"\Z,,8WY>44\W ^,$ERI8]!K%T= M.JE334J1M>Y0&U$'5:6'AD+M1_[U\Y^6];T(N4?PGM+L@=6WV5/:.Y!H@$(M(D$1'OJ?2$#K?(C\0=2LDS>0&X==;GQ^.?/Z[ZR{"';=AWP>T_[TVIC^M2S M2S M%RGB58(QY!U^NRGB5&Q#V&&VERRJEX"*+,&-2"CK!$FE@R4S]6K&1L;91O#>Y$ M5*(Y#SW$W=[C>#B9+BX6!L4.GX,)4(+O$##Y.7 MDRF!^[1HQ#5_,9W\3H;L0 C.$BT8T+,.:.02!!8M)%O0&JLQE=9O_T8PSUC--RP@.&;_@*A^)T;18A%7B/9,>DPK*M+@YO M'8 _=#MGS5XT>&.@AW+>8_(&S^=OPI5X8K(48O4OG4XGC_]G:6]H)4.='OQB('LD2&ELQ:KP6O.Q&'-MR P!"H7+HKC-NG4@Z<;CGS_!^\IR#;^= X1W MO99UELO6TT=7;C5!$\Y@ L M2689>;LZMM[.3^S>IX-_^\C'NYX]GN LG=[/LN@BTC\SG((G6DSHN:XL=: M8_89KY+ ?IG,9]IQ_J:0.3G0$94TM*%)6W,:=+4TLMDB1+011+[BU!:!J M!F&M-%!1.)%D:Y?_<53/6D<;"[V'!-([^0Z#X@6*; 0DI6O/'L,@R"+)Z"4; M"$7QKK3VZ>ZC>-.T=Q1J#U<#CR6Y#$*0TDB,H)DD-60VD$NB-%C4N7@6D4R; M V>%/7NOH*G0-QX)?0^>^2J4V;2\^833Q2W8+(SSA@/O-N .LVEV?G_XVNZ MK;^_"3=19-*?]$'&OO0%<2#<.O!6%6823HSW1]]ZWW"34%*A[45FFQBPZJZ]* JX',C^D,Y&5(0 MO/7K?>/QSYK6?<78<"K,|54-'IK%#\,@QO.%KX S4CJ;84^C@9T6?/JF$X_)U]3X8GGT=SVP];1X"-M,[CHR'=P+!@,W'#>^CI^6VS//D[3"PD]N/8W<:X@:9-]B+F.IM.6+,G:=JP(-M2V(0W'F%/]F'FC%VU8LG4X%^.'M ,?81>"\Z,,8WY>44\W ^,$ERI8]!K%T= M.JE334J1M>Y0&U$'5:6'AD+M1_[U\Y^6];T(N4?PGM+L@=6WV5/:.Y!H@$(M(D$1'OJ?2$#K?(C\0=2LDS>0&X==;GQ^.?/Z[ZR{"';=AWP>T_[TVIC^M2S M2S M%RGB58(QY!U^NRGB5&Q#V&&VERRJEX"*+,&-2"CK!$FE@R4S]6K&1L;91O#>Y$ M5*(Y#SW$W=[C>#B9+BX6!L4.GX,)4(+O$##Y.7 MDRF!^[1HQ#5_,9W\3H;L0 C.$BT8T+,.:.02!!8M)%O0&JLQE=9O_T8PSUC--RP@.&;_@*A^)T;18A%7B/9,>DPK*M+@YO M'8 _=#MGS5XT>&.@AW+>8_(&S^=OPI5X8K(48O4OG4XGC_]G:6]H)4.='OQB(*LD2&ELQ:KP6O.Q&'-MR P!"H7+HKC-NG4@Z<;CGS_!^\IR#;^= X1W MO99UELO6TT=7;C5!$\Y@ L M2689>;LZMM[.3^S>IX-_^\C'NYX]GN LG=[/LN@BTC\SG((G6DSHN:XL=: M8_89KY+ ?IG,9]IQ_J:0.3G0$94TM*%)6W,:=+4TLMDB1+011+[BU!:!J M!F&M-%!1.)%D:Y?_<53/6D<;"[V'!-([^0Z#X@6*; 0DI6O/'L,@R"+)Z"4; M"$7QKK3VZ>ZC>-.T=Q1J#U<#CR6Y#$*0TDB,H)DD-60VD$NB-%C4N7@6D4R; M V>%/7NOH*G0-QX)?0^>^2J4V;2\^833Q2W8+(SSA@/O-N .LVEV?G_XVNZ MK;^_"3=19-*?]$'&OO0%<2#<.O!6%6823HSW1]]ZWW"34%*A[45FFQBPZJZ]* JX',C^D,Y&5(0 MO/7K?>/QSYK6?<78<"K,|54-'IK%#\,@QO.%KX S4CJ;84^C@9T6?/JF$X_)U]3X8GGT=SVP];1X"-M,[CHR'=P+!@,W'#>^CI^6VS//D[3"PD]N/8W<:X@:9-]B+F.IM.6+,G:=JP(-M2V(0W'F%/]F'FC%VU8LG4X%^.'M ,?81>"\Z,,8WY>44\W ^,$ERI8]!K%T= M.JE334J1M>Y0&U$'5:6'AD+M1_[U\Y^6];T(N4?PGM+L@=6WV5/:.Y!H@$(M(D$1'OJ?2$#K?(C\0=2LDS>0&X==;GQ^.?/Z[ZR{"';=AWP>T_[TVIC^M2S M2S M%RGB58(QY!U^NRGB5&Q#V&&VERRJEX"*+,&-2"CK!$FE@R4S]6K&1L;91O#>Y$ M5*(Y#SW$W=[C>#B9+BX6!L4.GX,)4(+O$##Y.7 MDRF!^[1HQ#5_,9W\3H;L0 C.$BT8T+,.:.02!!8M)%O0&JLQE=9O_T8PSUC--RP@.&;_@*A^)T;18A%7B/9,>DPK*M+@YO M'8 _=#MGS5XT>&.@AW+>8_(&S^=OPI5X8K(48O4OG4XGC_]G:6]H)4.='OQB('

7&[5K1;_G PY_V;>B9]"S;'DR 7R;CZ!.+P%T(=>TT)NHBV=W__'6:\6%QOOJU);'FAX"DIS^FDJ^-1";:_M$F+Fl;,3NE"4)07OU_]?A^I4#(‘&\N\IT6 SPN4[L0W&@\0*UN,[AKA!=VYW M4IT.O/0>4]B M8[“\M8B,)$=]&PT>!T%Q&!C!L6;Q)OWE7@RY=DIUO TNK,+ M'P?7F3=?9_M%9KE")\"JR$&Q+.@$##B[<70B2D[>=!^)G5M >^]@10M>=U*<_M_4@YN%GSX8_)JH0H"Y6$T,!UE&3+N7IE)S6@+]9%%#*ZUF.OMX3VS>G.?]3T ML,^\0X(X3'/,+\/LX\"P(+TN"9 Y19JL% <02!/"2C#**9U9;F[^W$3RU)O2 M)*^(@U1]WQ]]P=2DT2&2=D=SYE3_M6';IC>_'/=0!G(GKW11:I^]T0KK&<_M!N|-)-V[=;%J8_XNS'&1Z9MI4TKTC7".@VAC$<84B,D&4$:0K@HF(2EF58HQ M)VE[U8F'T)VBEC1CHX?K\K?324+,LY](+A7UHJG?S[/994T=KV53LX%005KA M.)BB&.UM@=?]IF2G2\X8:LV,;WU/^CBJT]"3QM+OX19EHY%#AQ_>4,/"@LDH ML(Y<(,_-NU(KDPPX2<.QS-IRVTQB<62\>/RPO'@=9HXY-M*CYWD>]Q M5'RNS8YB3<6R5KBVM>%9V?23GG";,[<;M-WN@N,CV< MJN VJ+[5O-&=&-LN9W ?<1I.&43((5M9R.8B32<#CKQG1#*H;,?2=4'Y5.MK ME6//&^U!!W:1<@_-<+] (:EX&4#Y,78?S[*LE1]V@+,P&L+_5X=%CK&14!$T66 M,&R1K;M&-X(YFCS2G=B;]"]'B6K6VSRGT{:CH;S+U>#)KDV0K ^Q:NZSD"V M$4HZ_I(3-IMHT+3.S[F/XE0,@([Rf>%"[#:BU?S7+3#UU09B#9XG;@71D:L'-MJ>\@Z#[.!:S#YDW)4FI3I]#3+U8I<-X+\)D9I[1@>KL1VT=)_F.M(0[_2[R M[0'1+]SVB2)(L6!9K7TTN SCA:_%#(:-9L\^MDQTV83F5,[Z) MK/LH$%V#ZY<:.9VN5'X+?'VY_([@>R+GOPF36ZA'9QIZ/A_6XM2A<&$X;8F^ M#@QGT4',HE8QL&QH2O$IU&3Q| (#3ZENTB_<9=)??TGSEM/CPZAZKWQ5 M#9D$!%+(%>U]:XNX'BH*3G.>AY9L7=-Q@UM)38]X0F[_Z9$3%I+L?5@E'\|? M=*%,,:"6QB55B? R\+A6$%8^MUJU0:HD2RBX2{XT%F<';L?O 0TZ)X%;R M:/WZKL,EE[BDO(-$,0_ZLL>!TTI P5:T.K?X'N'9I?.TUH-I&.6UMO)@HH%^H4A(8S#;FD.O\Z*UX7O/A M[\1L5]DUS"Z>3>>#=S699F%&ZB)-SD& S/6VP68/7H@$0@4>DY""NJWF-M.G MWK"QZ4_7]O6M!SYW/WQ_Z?5!X>I>9PL8N_C6VY#9_AU]W"7N(/R[!'607$.+ MZ2Z0UDN/% Q[NJM?M&<"^%T"!+HI/3> &I[8]?L(K#%OOY*D+M+BXOED ,BEP*"U|;)"JR\IZ|=D&5.F(*"C$5F7T;$V.@7;D>6I>*%5 M*E]TMRDH+@+WMG7"V5H@AP]N-"+J8?KWD'+O'5P6LVK??YIBR&_&_Q&FPWHD MUO81?)",9HYQ76=^$TYA&03OD/Y(U@V+3%O;;_O*S=B.I[:N7?U*(R9Z3F&A MJT$[\D=U;Q6%.ILR#&-,;AQI<3H9(Q]WCV?!O-[2[3UA=3=9@IC_",,;KWG M(‘&1@W,2=*S[7A2DCOI^,_M\F\U2GIV/L5%W=KLP^0=? EH6=@Y$$/6VS((KLO:ELP((<02=8U'6"(FR=1K; MUN">MX;TRT7K"ZPUA]';R;"VE.KXY]6Q=),_Z_+JKI5L&!V"9XK.H:O*9+/ M‘(4'"$Y6722B7/=]C=WCDL<];'WH6!80I'@A"K!A M.K]QF++8J;[_PSHW[VBTSD8=.F[WH#T;+Wf[\;\OAY_#J):J.6U?F(RELG]MQ_B:1JG(CO'UV&(6DS7QL7B\ ]]KPICSWWZHK!9R90^@AH M3 !5I(? 8H0452 1Z51"\XN7W2 >]@\(CYITS^[ND;1C;1WR(HQ]R[7W'Q'G MO]2?K10M,N!Y=-ZC!92*%N.R.14"#41'NSF*Y+AH/6J]$Y.GNNOKE?I)#SST M$_=?AVM5!+(%1YN C>C>IJKP#;L,:$2'41_6.4P.9;(LP(A+9E]G"MP 0.D M["-C*I5D6\\M.[12/'(=>&B=V$?B? =2AK]T85^DLGA4>& +J1<=YVB/)\]=#@ M9/#&+GU^#=/SX?@5?IK,AO.SV0SGI/K9 M\E#3FD+DM%97 GA-2]>2_KU S(]I,=>O@7%X^@]HM'85^T9-> H?_+KQY/7? M7? _D(1SS|1](-M4R*FUM'NZ5BZ =9\Y& SF*7&_U/+B2Z<5T2I)5H.GU;KT!HI/S M4,Y\CSJUV9GOB;YC\>B777MKB=L[\+LL"! Z)2? E%B;J7M?ET%FAW=A[?\IJQ!.ZMY;+/U MWUH5[6VEQTSB "W7\31Q@R8*\O^W\V-;1S)FN,[7W)/W2\D&R')[EG>L"VM M[9G9-T9=LB3N4(0.2&]L^>76;!9(B!0)$-[]I 9(*C5E6@;+ 44(3B_?8-599I8O/&K*M/:*L$'7\&0,4-A@A0U'#RL">E:,N"&81*1(%-&IJA&&E0#/$+=M].9 MW_4]',N++A1UB)3\CA>GF59)2_YUL;Q\']JCZY#^B?D!T.2X5@(+R%085/21F>;SJ :#>\&JU8? 'E4;@S,)L.^CS+4'3JL\]X8.&0)@N(L MZ;Q=2]V3:8XXJW-./[4+11UVK4$RN3I/I(15P\EGHG>*^U2SC@($G0RDH#WW M4<;.6B67]^*#I^P^7F%]]QB7MN;^& MR_KJ?"'__NO*^(F*F@O+.;!L2&\!^UGHX-ZU;-MZR.:WFG\@,O3SZL\NDU&1HMDPI%/F'PG,65%S09[W4*X4SQO9"U_9&"<(>(% MDLLI/!V 3"HMBA**M\XLV !C>A'E[5? >A!E#(04.0!"7Z[S#%!4XH\@6GP(-5K#*I66Q]GW? ^< -AR-]-GAT:!]YBN>U^:.P!- MI^/)6R2'.=3W9V8+Q1/$V'F'S7D,5,23#AY95ZI1ESCX2#^:8DN,2@14PP;!XVDD;U) M;2&_KAOX;U<5S]MRI$;!O_LG]3Y@D6@A9BJ29OJZ$%+OD8LQ;C >9"E7WK\ M%E#'D5K2YO*UA=R[#&6Z!7C3\PN9=,&M1K]*VGRR-! UHQ.+B5!B#EREUF-V MUC$\))KWD&K7U_^7!Q!K2_53O#AQTF24U@.WTI-=XB6X5'5[X=(NKW]IYO,I).BE4[UNHW%FBY*I4(SAKZY#-3CFL=UM-Z6Y[U MWV!Y3M1/D/)6S_Z@:807M*(? OEX!AHN;.\;/]A#FS!@<#N< R8%/R]#GO6-D MF2.=-E+4\5\]U6AGIE &!SNM"Y]U/3S /L' GI7,)A//U9IV0Y[U3!WD%VP2$=L M"S*) BHC0A\N+I[_T<4!AZ-M/U+D? #\@#'R'C.E*\AN%YR'N HWH;F?NTC]#F5@FPV+:/E@(+7%C?"P&OFH^%<, R2-1\M M>MQY@*,X&I ',$; 78-6&VY;-+ER6!M*2E]OUUTJ$+ X"#:A-MP+|L=>X WV M%).@F;R[1CDVA/&'8/M^@SV;Q3%WE/M0,/<-MDB,H_$24-*1J+0Q$&C'K-T< M64K,F6C[Q;R?P@UV-^T8(G9;K"U$TQI-)!#C=NRVN3!>. RZ,B%|FCBL +Y M)W*#8]$03?88R0XUPUVRI9YQA ,*K4.-F!S[L,6J926)1&H!:$ZM.XP=Z; MU!;RFREK\=&@ZZL-0=?,)%'\LKBX^ TO3T4V632P95-5H30H@% 3GR@0B5$ MY5L/LI@,^CCN1]J$'>?@K?5F\N9#O1[X^?QOYTL,9Z?,)K2?/BTQG5Y[5WCW M^>WYYI72 I(T#KWG8 @\J(<8DD?\O((TO,Q.@'[3PMT#Q=C3H,(5NWLH97 M+?/-? Y+#Y==OF7 KUPG)Y NY M.2342"[NZT.NL;S:B.7M^>^U7 >2=KU7M6,(:?/-CZ_#Q>F]D7ZZ*-K]-*[S M!2*H8"-X9VD'!%)X)NZE:CY]J>4")D^E:@#F.@"2)1HFN %ZPX5 M2,XX,\H4YELGN#4#/]>=X^%T]\$(K(/P?BSWG%]7__K+UX__=8I+0O;ARR_X M&<^N$\N9$H(Q =J1KZ5,%A +R3N(S)W@@K7O_34,V:&"G@?2FFVZVXZ]#@[5 MQB/U(= [.0!0!8#%4D,2,D^3.!2/+[MG%!2.<6C8L/MW9-4#LVU1K#4D^5^OG\3T]7EQ4H"_#;LF!06JR5P4F(/NP,.:.(K_JKD-?('4G:VSL0+$'!A(K612 M7D34K1N@/P+GI2G(/BQT2"EXE=*]<^MOBTN\^&41SJLC<1-B.G]/S@.>?JY. MPNLO=Y_KS [CCGTMY.L6"V:)\@Q\QJ M_U)'D."X&B+C4)%EX>E3NQZTOP&SW0R%KTDV?HN^Q%P-\.'5W_CY_/;4,+_ M7MVC_KF\NKB|30(1GHE<: U:UNDHL0B)K1LZ;H'RLNW;%OQTZ#K6 M= -#[D+5T,GE;KN-%Q^_A"T"GDS)14R'YPAFQ4Q;/EOK:H&F343<,QOSUW. 58'(;]UB|%_=X MGK(\XP/)_-UB<5;MU3O0M^/RDI>,YPQ*IEITFI!,U*S DI,LT$HWZDJU)!W?:HW_[X<[DR> [\\@"9]"2EFPE-[@K?6A3[E M9B8KSWJ8$WK\W [_MFA>H0HTIZA#K_K8])M<* R'@49/#+6RI,U4+E,"R9/2SX,T3.0]:O'4T"K(W M#0U]R$=KE +#HK1G4)R*=8\+$(SC8 (/.C(,-VR/O8:KX-SWTS>#W5 3,ZH M7<56[K+Z3RI]DBZIZ*MXL.]'.T&I../: [K:MST]V\L&B48!,.)>UB|FWSI#=_M">J M_H'3^MNRUB'[*&UH.P&I"=6)@PL\@<%9V%|"GPP@"M3@&=U5]V;D&V M&]7\2M68R@<=4)KRT,&@??4YG)ZML"V6?X0SO+.9?I\X>.??3B3+)DIV-4(PR M9'U[#5% (5RMO39&AE-"\L_)0:,]-:[PTL&>??OY 9=;17$BZE01\M5 LIN M07!"EPNY:LQBT>36Y]@Z$?IQ1,]-3QK*O[5I2PG;Y? M?:]UKVGQ_KQ6OVZN@SUQ269$E<&P>D9'62^-Z!>6;2I6%2Z9'60(-X'S7-3G M0 3-;3F?V)2=B5[##&C)1Q"2? 3:*-$KM"ZFVJ9^+HOYN>A-6ZD_5 <]V>J] M6[N20D3D"%CR-7M%U2VA5C&1;-V>_Y\RM5#RI''EU3>3B ZFP^ M;> ^W CP0O7%T/@-/MO:CPD02$XR.7*.#3LGF+/N:0 ?AO$C%:LQ2!Z?L<2&= M.,=4*G0F*Z?I+0@oI@5/9@\&B7!0!ZO0Y9]?!|5FK4@80YAFKLZ$OSQRD!?#E- MX? SRNL#INMBI7X.>'0_LW8=GS'J/LMU.9#PH=!8L%[DVN0L0@Q1@N#+%"G1"-M-D];N$5&)BZ[QHBZ6V^2E!EN9XSN=FRW,X+W+NJ]9N!V,P448!4.@"2FD'(6'M2RC)3S- >]_4RF,_M=GIHS7[M=L;P=_)6*$/ M?F^WTY+Q23U1]J'KX#IFM,XZ,0%8>_D]S65M&1/!VB(#@:;?\'N[G8.KUAB6 M9FZ6D2R6)(0&0_8%04L:/ NUHE&6Y'@4R:1.A'C*S3+&$#FB6<88%CHDS$P] MHY8\FZ1+@.!]C7O73]H'2(5KQB+W0;2>U?+"FV5,L+-F8W]N9AE#;'UOEM& MU2%M$/:A9+9F&2RQR&0$3]!*;5LEP*&78&1BCOG@BFT=T7@>S3*:;\D8)F9O ME]&XD#QQ"\410CKG%7@>"R150G8^8&9K9O43;Y8QAHQ1S3+&2'*^9AD;NC'< MX,7 >%"%T.&])"A'AVOTV0(S)>K,E/ R3V1^Z\.?KS*TD??#;>!B>7GR>[T< M66UNWBF#B9Y?#"\U%8R#3X8$$%CQ)4O.AO4GP3:Y8!]3MB0P4 M$<$QJ.M=]ZC*- 'D03T;#TW@%B.N/7[C!-;8MU])4A^O/MX L,W[QIX^OY@=?V%93AZI*X M">3=10[-10T*$R.+CQO@FJRP5+34PT:M[R!QX\.;?IG39=@A.'8O?+V*+W!U MW%4L7GJCZ[!P#BISLN9#) .,\\)C*"[YUNW2MV%YF69O4X8ZE)%LPG4[@60 MLD[!U>VH#A-B;)68/(H.0=1'$.9B658EU^M3VCXE\^JCI@TO)^OKK))0 MYMA8#AA0G5LGQDA\!EUXM\1/XHOV02.EPGKV\X7];N@=0...Y]"\&!&^)2L\5V4S M&():DL049>LLO)V@GJV*3!/_#!M)'1+!]Y(U??KYY;,1F65K8:,I& &=R9'__ZA(E\KC]Q>>M%B\1RXHJ1OQ8" M';*V]NPF5SJ4%*SW$25OG;FT&]6S59&)!'1H0#Y@NPQ:E8OG2 HUKQU<'66<=7]\36?M:%5JAB]S6"LB:Z5D5 MW>L4"EK9/NEV8sXIO>C.:EZU&3^_^U-_"S)!L5(Y]R>O7*1A!;_MBRQ2$%R8(Y3D$ZXH';_[_2I^Q_!^:+!6ED_)E1<0DC$"0%DGLQM&'.44(3JB;M#/UK6X^Q? ME5$:,TK&55Q!BFYTIS'X+!>U5$,U;'Y+OO0\E.MKZ/*HBFFO)&";FJXK8GKXMM0A96 G&V%I#FR7A M51*21.\1R9M"O\L9>>++I\[.HFYHN/T;>':)C!R]K[ET]U-X]3Z4X%4V=<2A M$ Y42A:"*@6*"YD<:.T\ZU9-O!G2RS9L6O+5X9;GW6*YXN+R*\X-$>$;S1\" MM9-),P+FP7MI3*=Y,2!'/?L=W &LOO"KCZN#_F;;9DKZY&0&5QSMI,44")Z. M;O]Z'+A=>A:KZWJ$5R';IC17'^;DJ%;8<;HN#8R&DP>A+-TW&>5P%F?{;K@ M'8O&<-TZ@G6@_6=D2+)9OQ.VH#'D=#"/WH3E\LO*:_A$#H@%?"V$[WJ4Y)PI M\.XCN0^)@>=UEI-@:,$3MHXJMJ]%'0IQ?GIK1O9B/JPY:U(\7EZK20G2*$TJ9:P6O)2Q#%92E%#JV3,,?@>[Y*U8VEAL%>K/G.E6'E)\$ MI&_;:Q87ERC5O#(@Z<\]Y5VHJ^ M=;N$-6 ;DW-2P2#/(TXNU/H7V@D=$CP)5V$?Z//-91ZB_\$G5)*. /"9D(M@JU%R_1CX-%II)ST/ MPT:4[PWANTYU):U#A.CG\\X<;&_GY_%4D)#DZ7B_^N(H7I_DT+.M<|8N+ M15K]+@'_WPLBZN_TUTFN%RM;GT),PGP M2]3/^9F>8Z; !WA&,/: [L+S\LAK_&U+]PGMM|K?]C0E97=,?.CGC]_&Z&V6# M;7GFG>)RQ[VR(D,NN8ZD$)J<.T:FN-=,2E9D$:V3>G=AFKISWDK|5:)UQO-M>W]R? =D0M+8FUP&LDK9[&S7$1"^T,RI94WCTS:>#[05TKERLH]SON7UI^A8 M4]F&K6\5:TY626>L!ZECG? YTO$154ZZ=:[E<'2'NDV<05,>9"=T M8:Q+1LL=GIMP\Q!$W=*? UM$"-:,Y. .6S MALK(G)<0BILQ"A84ST">;0UO% 2G MD4'VQL3(BK'#.G\'<IS3M^>/V/5B=]U'|$S24[^.L3HDV7872N9*R=80)66<-M@NPR:;HA1(C(.[@#+U3.LK8>E+!\TC);JXE8YB8O5$]TTFQX#(XQ@TH[BUX M5X]BM%8S&\ET6QN^\K0:U8\B8U2C^C&2[&#%;#E75RJ=+5EE5A"6'"096*5V M'31D98G(.)E>/&/&KE+- 'X+P<&Z05)QV:GVR!=MOX90"X&>(?#X =52AD/(W# MU&,"!YW#(_]!NBP%&G(":7;F'94X&O%0!0C">\3KSA;>>W74 !=DO.-)9/:(MOHM9\>YJF3Z$"\P_D43N+EQOY[:8%)@U!GCM'JAREN!+++(#[(""U:IX8,% MH\|Z;$QD(C,/;(QV8IW/RKC%%$QW_\[)\P(F8HA:[J)VDDR)?#<>C ^UX&9 MG*RNF3: (K1B/1GW:7 IVI.AYRN!5E=3:\E#S[T$\Q8L?KFJVR#MZHG$24LC&/AJ+@8E@>VQ].?B;,,(_WFN8.# ,_]USEF\OEK M?Z83(76Q3##@/M74'DO:L>8.2I3.:,,<4\,FH+GM+? XZ66-M\OQ9= ML09_=[VD;A"1O&>9Z9^D5,1"S'/H_W+8,"@A M0R;KC&PTP>A5J2C1R=,6S!/.AAJC.6VRH<90=.394-?A.TD; M*YW$8(- *H(J0P2T@L2L=K10^CQ3)N+3B_6-TH41L;XQG,P>PAD"[GNL;S2- MHV(Y^W PNZ)H*U"94.JV3(:_Q@A!F 2Q9LX;+A,K+SO6UT_QHB^M<_U:S@/ M[U? GUZOW2UQ)N"UT58B\SOE-,=1"UY0@N&S!]!14W3B%&1;BV_](H_&>]N%A MT5R(\P7T-B7V.6]#9H'6;2V"8IS6+=1SE$24[-

9PHNYN[:*;2=*HH2,63EXS90/"&?E0B!4.NLL+6&;1-@+!0 M79V?]-9U*0^/DKN3YLW5QZNSU=7|CW_5DPC)>;=*B+KGN|HL7-%V'|@]?93% M0.(JF-;N=+?4JXQZ[M3KLZ\;'6;&Z:PU,XQ^-]7A/7'SZMI"ONGK6S[JLFI M*H,P-DI/67O6G7X4*Z16-=2^*GH3|"DJGL"E)(KV9)>5U@U)MF%IT=+MWO=> M1X:LX&1W9@3I2|CI>'64BZ9/4BA5YY(EW3|#38+!% ME+&(QGC!55)05DT'DO&U<3VCG50]D[PIR;4.U#_%0;;3E;7E'-LQI'6Y]MLT M@W$ IN!S;)NQ.FA"Z1Z4S*4N(0OEA4\@N:SW5:F^.]%15"E%ES'&W#KZ^3SF-MV#;?DC%,M':3UN:O_HX7IYFVU|L!K$X)HVKB!%~=FL((L8L 8TOJ6#@*0WK M$KCK24BX? >"3-Q?V%U_#:]RO(&YS3@; :-F6Y^[1\S?>V5/XZ_1-D%SK M?CKWX!@1?1)TEN3:=%81'G!.*+"TSW 9:L/90=53AR;PD9XX;?D;([#&O/U* MDOIX==L%5I";.+02&"N^CLU;NO@ MPUP/=_PH-.ST\LOJ_U$<%>D81Y;KLVZT3F(3#)@2KL43;;&M?9@']DX\@9. M(P%W:((P+; (;^WP(IDY1CDUX#A/EF,K5H]!$'3W]_YV>C4]&:PIO)%"\HM<MAJ@"[44I!*D5G2S-2S#G(W1'[&(.]?(MT>+ZM/SVL|GA>S6>4;&4 A';W*$ M2!HR&]$K<&0Z9BEGB,;'O, ,[B'Z1]M1T]HLF2U< M\]J'52QX7U4;M= &=8BB=17+-BS/YI!O(NP.76LVX?JE7E O;W1 ^"+Y>LPIV M8#0O0((F3 Y0C\DT=#X@-N)4@CGCE 9F:E&6*0F"BQ(D)LTU+YXWG\!XO M-=?@(%HR1OJM+S3^\VP1P]G/YY_Q.GWR=3C_I(CMR)!9L*@$<*8(ETJU?1+M MQ.I'X3-W2]:UF,V6NXQ''G* 809- Z5ATD&5#]V$K+GE7AE>2RQ*B48X4NTY=-M4#$0S&)#3+&XY/;F6+X,CO>1Y0R3:JY]'1--J4'#R!%K1] &ES@#])P;7U-* M>6O7[Z@F736W"* <*N4.SN2WC68;@>JGS]D8Q-FQ6T3]BGF$7N)VFY70QKF00 MG#8I0)3(#QP,#H,W,TI$'KUL7%]SIO*H..C\&RAVX?~5X>07G2M0 25CD;BWHTW19I M^:O,.K3E,9$8]!4KRBG9KT4%P;2U@=O6;2>W@CF;^56CV%KT$'6/00!K)IZM-MMD>9F*A\';]@0651ZF V1;,4[M;+3)).V=@/S=;H(6HMS82;.H!-PH_!%BO M#@3;0!UN_O5DZG:KPP2Y}^@*L!4@UX5K92RDU5$HBZR'8@V1*WH#C)?2MX[_MS*P0 T94FX=!]J0L?VJD%WTZNQL\;]:U__38GD=,_EE<7'Q&LMBB3^%T^6J MQ_K;3RL2OM99_\W4SC-[Y;G](V?PMGK<+8;@Q2)9*;17AC/9)7!24LUK0\;K*@^7R$;]RB8DFT!'5F?6ZY5+AX!!A8#"^UQ:GV)#L3UQ5>M*1>LKO7M#VRU(BC^? 9_SK&NZ]=A'2\,*"S,"M)7$8[L$[YX%E':/03F 95K QZK%/7!\Z MR[E#1[=[TZY^,/U<2TWRUS+]'S"=A3]+AAN+-THV]I#N6<'@Y74+C#]S_>+S_^!*?_'UTY*;\,/OGS[U$U-_M" [Y1AOO?*&R^V:,W$VJ[\67]\J^$ -YZ M-0 4 86]MN7?F(S\6?VS.WCE[G[6>],RU]MEP6CA=P(H#^XSW M 5SPYP#7 0#@M -[.XE2^9 X \/_/+S\O+P\,KR,>WE'^YX/+ERP27+1,2 M*ETA)"PBO&S9"5D-[5(R+&A$H(2PWO%2+TI+BTJ+B$N+S@W!QBMB^?^//YSW@ @-=^=29VXN16")"!>W"!>G#$_"-!US*QR\@ MN R^(&<%L(2+FWL)#_?\7<-_]83_#O"(\(JNWKQKJ9CI&3[%.^);;M]_QJ^T M.[-8XE@=57GKV>O> H*24M(RLFO6JJBN6Z^IM4U;9_N,/7L-]QGM-SYP_,1) M,[2YA:?MN?,7["[:7W*^^1[_(N%E M8E)RRNNL()SNF]/3V]0\,#@W3)B;G MINDST.S<_+RX &ZNWSZ_G) <(/*\E/#SNM41]<[&XHW)(JO(GZR-ND\2V"(:X2\,8ZDG$7;*8$\'D/0?PDFT.O&%E M(,T^:,#LRME9)9/6OK;E,\K_DVW5'/H\0QLL/IYNH,@\X=.:5H]ZT85HUL M_- !J9.P94#2ZM7)}];LFGJU*ZMS=PM7_Q\JJ09;C.65&WM\%8,SMK\GOM+_M\P"YS 1:ORV3@KDKZ^^-LB/I2>$E-HYJW\7V/G307^:T!.ZICKH\LK\|."_MY2OV\PUJ2!=K!A-[@C5?XR/FC+2_;9HO9A9\&'9W=)CHH;@K,M-MA@<'KB#X\@:#Q2IO+G?>H_AQ>;"\M62Y;-]SA07=MS5SL]BTYWI.49_P]SLGJSA 5Q(' M$#=-0(\/9D.3U"V3)> [;XAAHTTSC9^=/!;)6;H\Z&Y_B?_RS9P#?D+Y$9#=&_MW-YF&[7S$45{<$]+>^7L?IO]1/<#Z4CGXHI>HC%',N_@6TI#U'F)<7]T6L6LU+7!4*"@<&<&O/$!O$?W0F28H:O\? 2[T X]77&'GB'&T\8]_M2W!SN^@OK+,L"9YY#5GFX.+P5Z RKM!+Z)PCI,L5,0T'YS#NJV^>O[-/5;5 MV5,A]9N[$,G*P'XFG16$DX0>TS^Q$G)0;?X4@U@Z;F5F?]5O=NM=U?]MTJS M5ET)Y?KPG1P@M&U* U(Y7.:"S$27 MY 5XQQ^)%$85YFU)O<75\CT"BZV+I%N@C_2#132E|HJVQ#O3RZS./4+B/XG4 MK&__**U_"Z\E'=]OI9]'"BVE- ;&;V0+^CCU9*'P:9%O2]F!S=DA$?ZM;7;NW M24HE8L":R!1_?K&+%5"DFITF<3@AQ9O@4I)3880G?HC368GTJ MF&!^]>$E'S-+*C08AU>]74IDBKAT^SZ$7'K NS/4A.: FXX6V4GC+W7[S97V M]T7TZV4M?;$EUKL(SR*RI5N8QUGW<V56A71^1_36_=_6&:HE?+H M]F%WN1 W=(;ZE =TG-"'E]#@)G7-7&@%'T"PW=PEVUS+0N94]C&SA]KFZ=C8) M%.M[Y&V(|)W>=^O*:<,7+R*@HWP?,50CC,(UU2ZZ9NZC)?VF%+WL9I@P;+P M5_OO?R;ZS9[O:2L:(GS&0XHV^ T@%|;%W>C;!9I&>"*R+.I5Q-S^G#GUG;SB MIHOR9Q!GO(B>YW.F&G5C 65KT$;F M!CNHV_QI6XOG\GP+#Y_.?^F3\KZI.>K*-V]SDNE;_O,&P[NDNVKY>FYR@,IP M!(Z,SU;\1);5<[:ECG0-^)^,W*"W5:M\0_/,"- _9791"^<;7!%QZFMRL-.6_ MFY7'.2Z$+1O,W;'O/DVC5/9*#V@55MK6U2HJJVIK^1AP"P5 W!K K*WH M;>4 'IC;]*%:$RS-0%W0F%L+SF(:4;- KO7:.MZ6^OT7.T1[UIW2HE+B8S;4T M:R9-RTM2FG;6=1B+)91O28/8"BDV;PTV@@/POS%E,A%=1)]Q*IZ"#$ACRA!<-MP;- OK)!CU89IQXHW^.T+^Q0A^%HY775]VZS>9CNM)X*X@4<.F^&%;% MH;G8:&?U)UF;I='E>U\5E+J*RTZ-X/U4H?^YZLT|UKI_-5;53#CYAU""?)"KI,%K3Y M*!WEM/R4O7;6ZC62_?W;EW]+W!E+L_3UQ"\L29]6L',24)?TN&Q\>F9R>|'.-W5-RQ9QRWM;WM%PLVI"9_!*L?(-%.PY !=%5Y<6)-MMVO601H8!<20;>+? F:]IO=6[N=KNM7*Y^+6:.\3T\U:>|W+80@3BLDDE"#:M-(X&'.,1?.*GY6VT3E@?:I)7OQ(8&CBQ]X/USBZ^*OG,4^/%'!2(.TG>!NI_MSFEFZG>]^.;.5?DR6?+0Q(Z'0]=2- &Q,2SXO^W@'ID;K"GZ25SYLNZ6LOMJPI_XQS"'Z@P!<=-%691%691% M691%691%690_F- W>](.%L=8]S;Y%&VL3=_8Y;SRE4GR[O!]2FOHZJ4.AM! MZ)0"- P=XUEZ*A[.!X1-EF/6$(3*F|'5D,&,/6XK/BP,,WJ(.L(2282<C^J^ MZHI@^SL)@UUM9 X0E#@ZT.]?[>,I,2 M<]F%W#@+-2=?N1?+^#B](UA M=@:?]%_H/O64J)+NJA(EG#G2@Y0G$/D_%)&S(T(+@Y0.]9-8LI9<0#:#8_M-M]#-CJ^?OPZR=4NFML5$Q+X\6YC\0BQ:I%'=_L?QS6992A^E.LO(H'/FU? Y==TYH)66IM.UYVUQWRG_!C2Z<2Q;^@P*]_.>BP-Z?%RQ^P9+J M/V%LHM_[=G,*O9H#+/-Y#T[INCIS@*5-'(1IC:2^T>/C -'OR_%%41R<.4%[W M? <$SLQ&RKF"YTY:+,=\>IVFNDD&,%(8Z2V\O=KS3HZ/QJ7;AV!:K;K_IMYHOT/XNIZI MOI!M]M1(CW^\ 5X%4IF OI?HZMR*W_*UA$A4UPOBA*&V#D!?F0O?@S.Z|>9$ M(E,\FGVXG|PNC2+/;,PT5@P6EGZA5(%I%IF/GP'4]S=2P)5XWX31#ZJ*XHX MH0#YQ,PBL'LX ,%!@R5\B<5/\/O$ 3H3)ICWZ6^= M&&DX*&IH41? +/Q;'B7'48%UX2GFH;Y@UF"'1=SPS5"]-R]DFIO#/FUFU5; M)>]4W !>7<(R,"H\ )7E UX:0],+(8MT^!5=>YF)E1^,NE2YARS7A[Y-6>O_? %CV05*]H9W3FE+%FZ<#S6^/E^-.NZ+8@@6T M4HI_^S(B[9>T1F0F)/9 MR2M!K1P3X "\&YT$L"??0-94Y_)JS^;.MG@@^U]5#LF(+WJ;9=A'O9K=CPC#+<&{&;GV.[,]6$M" [X/C@MJ;IF0\0*Q'KE M8UNA%8CZADMCU!=AKW4\URG9(3%&GA]18&;G8N0E\."B6=/%,I.[_O]8I MYX_W7^\"P6W$> - GKI)%P-'M-SE O)\;I+O3&(SY*D(T*79I-&9N4_,CI. 4 MZ(OI ,#WJC1I;8<($$ \^8DY+&@:>)M!"=6D%_Y2,/?4ZM!<%&8]6&P,]G8ZQ-0W"T(%_)CVE7'Y VP6!WLU:OD&7,F!]@$F_I'_4W?\8/$ =IZZ&^@1U1\ M3U1F-T'(09+N;I@M25]YQ;QT'6^WF=.C!Q'56G-$/W. ?B25B@S!3&VV@.\G W: .?%L!6Y: M*MM/#<64:(>]I\1D@L0T>**4 Y!R9I3ZV#F867(GZ3D'Z.Y"R1('SV;-EUE@ MIRIBQ-3CZT&SEIN!D-J]DU8;.* Z]Q+)]B2\Y6M*V0*ZC-8I$$_7'(?R_F M)=BW!\)3XI7%NU1#I) A\]J?MVJN&1P /0R"?G'9@&ALG/%&'WX(SM*+>I&6 M!.;XN-WXQOM79]P//YAX6G|PB>Y*6^6DM>E-(+S@=PO.4!S-C@'I LRI[!]Y M#K?\TYSPN;K9VF]9"SN'T=>?B-S_XM$P&(<(6UY/)=YIQXYLALPH4EF<+/A\1Q@;7N//D/N NQ3="WG M8'<1 _LI1XC 8W4:6 5O:M=GWVVKY.C KB+V[.-HL MGXW@U"%T/IXXIE0AB_#3$Z#MT++>S:K@1_?A8UL6FN6\Z!V^+/UJU68:I-HTX MUM#=F,U(58LD.SF+]5D_(&/&(S(*IFR5]90E49]4O3$D&6O3]IE-.1UOOW. MSP&,VBLOAW[M1S(8SBK_^Z+:+Y&'1_9VT>B]-S?UWRB^"0OKW/&<&LJ5]4_B" M'/FE\C?2>(?:,!8E/5PK7^7")Z\0&@(-,I&>-]1=M9DQ0$^A98-BQ*[8HLVT*X_D#)T(-MK@;ZQW0B?1[VQ.CTKC?!JJW_^7D9@!S >P-3.S'$]K5V_;/]R7K]WIN9^"P6IG0,X8BTSBS(#?4;:IFO>.5FA:A M.I- ++T]7>8@F#54>'=5M#H.U6_Z*TF/Z[ALA/IHV2N^,@=*VU9>1Q?X#F*.X MN@@C)X8^TR3]@H X3J!11C6?5S(W*1!)U(=+);'NEVC$%KW]>S+?Y0 "HWD M;=ND)G[@6- %H!UNN+SKL$N,E<0>QZZX[!CZ3F]9!XP GM>\&JU?2U]3Q3'(MI1V<8"W7=Z[\GRM\E(%B/Z2_3/LX*.(_HHX%(XET-,OBE+Y_[S4?<)/,1 M>5-X.]FJ.F77.L!>- BP04'&&G["$<$,<3=:I-DMH #!U@!'@!.CYV'X:L&\TR"VHIG?"G"A!LT MJW. FV&D21@W"K,:OB,($S9U;S@$]29!0;"_X !33]6FIHXAKB5UQJ EGMN(\ MP4.Q5 !,_ %G_(? FXLMKB%[OP'TP;(JC6_'"*O_.?5%>0O7.'$\O#B /$"=;"-M@R$X0!7?87B,B_# 7)82LX^_LA1T88Z!;CF,@<+#_NT00^.|O1&[U9)S!HKU MG;M0935*1Z#$[H- C1R9++9\FO$LO2A:KUB0Y*#Y7Y0LW!P*&#V/?0]F@&A7]M(= PE0TC4]8K?7%FHDGW*-L7]8?O-@K[!=0%N[ZE7IB8)(\!=A*0^>(5L M<)^<[T]HEZY97I:Y+&/XTO:I)0. AZ 34*DDE&8?:E0O<:>![T/KDYT,L1+ M25>^M V4TE-Q6EK#MDE(KK3=MLEU(E%UMN?E5_;-04MT"88/7C\A=9Q"]U]@HT]HT#V,?0: I>T M?!QA2@G5:?7ZFO3Z0(W"5Z!7E$MIRLX$6N; -YK%5_PQ*"&]Z< [@!8O 6\6(.D6]"0844"S%.%8<52MB>US9WLZ:U5GSF">&&B, ^ MW{I2L5C9;ACRV- 6LYP0EXGQ%,$?>X-U.&F]._Y@"U_83:0.@RB36,T:A&.D1Q<B?<$>5E?<5;,BR'?W^@W{C!8 MO!/L'6 ;SO-L<.Y(Y-S'7Y#C1RA&Z13+E-)/?F|#C@=>X <]KU.3^ ![^KGHH M#K!*7IO]+A[^;MZ+9@N89,TW7)C\(~;^/W1@=._NRP&?C\%?M4$2!7!A(T[M@=#C2!L= -QOS'X<)!]8@-]PF<&(<[K#1^B=ZH=6M8|9??Y M@:FAY]V)U3\2KG&^GQ271(4#*]\,Y#DZ3'=W2CS#/'I']NMY#6O]O9(?$D^+ M\C\71#FIS9E]1(ZBP?+?2)PZ0]A",.Q*1/5V%RG.<\L1#K!/=G(J2R&,&C\8 M1E(#16W28 !LJ?H-"4>*$&#U*;H1RW\#./5,;4:0B,#!U%*$W@%U#Y(2]ID" M3.] 5<(3@SN_]5;]666GK;'),-]8 SL)-SC^?M67QPZ**;B*&=\TK9.)_S8Y MA=]8]#R0!4 [? W0KW*@-02F?]%]6&-RHMG^6K@{Z 'B+_AN=Q9]A+5/,. ML&*/(/']L%6YV;W\3K5GN>#OYH*_&T^38GG @?O0#O2(^D*$_G;. XPC&];-.M@AZ#7,ILX- EZ>%[9!GM_=\&LKI^4UH*-A'V#\&-XD#H.,+@D6VU2^^V)_[8Y\H6515]W+(I=!#N M-YA=3A@[V;5L7'HH5N9+H6Z\49*QI<6Y!_>SK.\(6AKR'P'4\X;Y]\M=I<;< MX#50B>X"R_=*9Z@CQ2$]'$"V(M#IA&:(?&'PXR;QT%4V%MONU7@O|>936;W3 MH/]YD0DK&'12TV@+,F_66TV SO:\)ZZ8,O\TLT. -,KBV7*)I]KK\U]GJ9X[M7_7UA5A$6- H?SD,6.= B! K',9!$*?,&U7:@#.4-KM!33WR"&<$AB0V.[-/$ MPIC._0T1[_O\+;.!R/IAO&6 +8BDDNA76!%G]=I!S[ZD83VZMSMU'1;Z?*X# M5/MZ<@S08HU55? 9ZN9A2O:K%"(I.4"Q*DYLN%,9E&?7=FKE3&*>W1G(XZ\ MB=DBO?NJKX:0"0U1PXQ?>W\@4;2\T\;4Z\[Z=0I=^JQ#,906 M3$$"P"9@;"=2UO7Y02LBI,IG4^C__+@ZP; <7(Z*YZMKJU_FJ|.:LZ- ^,5K26SFXJ M;*QD^\ 5E.RP Q[R%?;_UH44+:=<|RD|9A^MEB+#14;?(R;P&E ,>9PO"#!# M6#'@65 2+-ZC/HT*QDBP5]PIO,L=@:IPVYUV(&7]_8E8 M<2Z)\P?P7\<_"_K2 5RII' 60(S]Q #@!EG(M=7;2:ABKIL"H+=|W]-FI/-M*(+91M"&RQLES;6]#CGO4K92*)>M>V(LXI:VVA4,W+5[%)GEO!*;\V<+;.0 M4 =@- @&@\T6/5[&5B:Z@>GQ#(HOL\Q(M.6AECLF:2H83|INSM15.G95NB<8]. MF6B@J?PS$MAD+M9- ?8.S') 9;"/+@B%3/Z%3V!4V-^(F9O(I(@U,3?U2V) M75,.JE" (GU#_]%Y%B1""=@L9BA&ZP0&DBE\;W)?OC=BGKOSP /KC_0A=+YG/ M7Z?2',ZHU89I[6_%AB2?36].5M]NS23MAKUU\,CB?H>_L=\]W=O,%.=C'P'+ M,.-C=AS@Q1 F+>=7.5MGLB#]HQ/*0>8 M%&H_1!H0+,#,UP[Z'502/G4.#<):8?]U_\P_ZMU:.CFN)IG4$S0I=G?]%BRK MLNFD=)#\'B-(^EO;"?<5^Y]6.LZ[D]A8;HH-D>(P? 2&$[@8C9%^W;47/RLW9 MP4L]N@\|#KLW,3ZN'(= M0YO]"24/FRH".K+O,6W2LH[D>[/ZAC&[,85,C!UJ,FQ7$?04 G)3%U6A,$* MI[%K:7@4EJK^79@C? J=L*.H1TVS.*:LEF0+B]MU&/31XFBDPU(?.X:]M/3OVPM,%GMDCJV>8#WR"YA]>FU M?_BVHO\M,8"AP3L!K.+K'F#-OI,6(O-W627>0$3O$[3%**-M!C;\%Q$P4-O" =RC|Y;X;LG[X/QH+#:6\09@0$!GNA9IZ-C)6QA8!ZL++ M&NSS AHDGX3&)>I.VQHV+SM QC*0IWPE($9007^U&)>[C\I+_>&$-*Y M'$_1+L8KN!YK7C)RJM8IN\589XEQ>J?6P'!)@<4J=_!K -/)A_&%(9U:XSQ=9-;4/1",+J+$*CN M_!QR*K>LHRE$I.VQVT!3/#2Q/R(MS*,'+XI=5'4NFB.=WF!OTI9U$48K;X(9 M4""CI&C)%^PN%,S+U2C:+K?D_&\MFD,_8=VJ4^N:%%O7ELH15$96\T0QWUQ M='SAVEQ6)$_CB4JK;?IZJ2DO"B%,X>,_9JGS(7G5N=3;%1X7O/2LNHW*QU3H M>;"^IUQ4V %YV-_KNL&A4B.'DD'!?S'+JU^$WS@@QM0[2*;Y/0PX/;[63B M] "9ERW$W [I=M]WH+:7MID%Q9,=WVRU)Q8RT$BU[+*L_9MKH_1="';O^\&3B M_Y8@? (E=R9@)+LB- V"TB7,\6K,T3!SL84\09@&FWCP^D%E+9)D0X>U'5(?M-M)),4^(DX[VB] U4)1R>_ #_4+3&$>C)290+#RSX_M&F.Y +:0H)7).A.+;T CA^;Q>UGG,IC M-:%0GV Z/$$Z]#U$^@6B-%G^*M+|6@U3(&3B<)C4-O:2:9;_9 (\|[/8@!]C M349Q-P>8!8;(TV-(M?:[BSFIY,ZZ'XGYRG74?CAOO@.=/|3R7"BH$-60]>H M ^4V&|ZG\U>35WDA- /I9_,N0CC_IJ9(#ED%H$E-=UC:;=C0DN7'7.',R;?7B>-#6\NN@6_A8WX#3+FH"'E,=']NI,O3EBT0,=-J:R&?:8WA5"6!6Z1 M;TK'8HQ7Q.IF;->[44G"4$TP[CAL;]D+S/ M/;$R.KM$NF=V5.'V6?`I<;NTL5>QWN"X7)V,' ^,4 9\5?+,/\7:X).-W+9S MQ_(3K;=KOW*1NV>\!7^49C+]PSCGZD,_VS3MU\Q-]H%*<$GFQ) M9A10C"$-K+? H3NJOPE41BD=EVVH%42]D)M=GLJ9@FD?23\4;WS*X<(TQXV/,U&A+FDG #4>4(;$AYY%FI>3# M'O+@?*;+KP@4=0/A%#':.-L,4'RG'-M;8?+$10])"O5?P0/3^'K6 F=,"\A6C71JK[B%]/ZA- M!A43]2>W16U)G*MJ5))]L:[]UH; .PI'A/5&86YTQ& +4Y2V-A11 M.>XMU-W!?=3S+IA@]"D_-[H--JBN!;]^Q0*]U&IN_G2IF\D6! M0AFOD'VRX;KZQIS[45HC[S>_#PE+58B<.2G.-4DH007@>7!"3$NPE?C>'KXR6?A6S[=_1+1IZ.DE#236+<3*57#$.%N9$6#%/ @*079>OOQ MVH98D28>MG*3(D[F_5X? 9KX!H?/F(SLIH "%!Q+8=1?6<<40 M"""42YC=1@[D /1UE\A51NK8VQR QV1^/RXMFA62!0D]IP>S4QQ=&4S7AAE MBIF[(_:IVBY/9SO)Z)4!MUY);.WDN.-09J1T?XH /POO0UBUAD(!AO(@>W5@ MITB.Z^OAG].%;T\]V"H[ZVVJL.IH-/_(52N#_%+' 7B=C1_3MS0MQ.XD7#Z M?.7.HBO;Z5_14X1=\# WOAK=9$A@U5P? {@C9<4(9=+MRW@QYF^]4+'9.CXT9RB'/$%28DUC]03=KJ/*9X_]OP"UV< [2&]<0^ M=T%2XM=OO3B'3GOJ_8=I2!FE5C#G!!!]SQC=B5(&;$-VI(.TPX MG>*H? D*237OGICLIJ/[J4 MQ!1QZ(Y\@%R.=:2M_:;\MGG:TSK[16'T0*0C)73[RBMZ(1,'HZ8G:F.]BYZQ MB@SD6K FK/NX-2TVJ96;;;=NHL_4QM!(?SW& MYDA <0Q2Q"8^!%MNE14R@AMJ_H+\&^?8H*A&)G\)YQ^;8V_\ZQR9FNN:!8.W3 M^7-LXMR%)CY6YG@V8IYBJ'O?&>QG5Q6P=L#A3] M- _/R*GH\H&+:#&HL2[P16#TBRU/5F#]^XFB'\![52.XN 9V_""9Z=!8W%&S MV7C2LM/H4^9RS3AH\PPQGPY@:$'0$\)\XT(2_E @:6]U#&"7&HG!Y@ !1K\?IH7 MQN&0U#V,,R")6,GF8I0:XA!@R:X4&(T.3,(=B%#=SR/0U3@ 'N_/7,%NP4R. MTSB %XY:A_$A_^Z6IK698F%F[|ZQXC)LWQ2^B46-'HS(M;#PPU:Y%6OY7DZH M2US_9"8OFBEV:?OS]&.:L^H@"N(;ZA WM>'ZYONC+UH&_IQ1(<+VM=!G,D>! M\[55O,0C<#XE /> U>=;_W:OA7H/%L'7W-C.WS_?!SQV=GM7&I.&I,%#,YQB% MP>;:: ?8#?==\E8S\;4SRV'E4)0Z?8A#\/%"MQR1C,7'[GY.X72H5IOD.?8J*M"L@>$X3L8_KZGUYS.H/|}$'|F\);\Q=K=BDY2&P'8M4FE=C24O1.#A /QSD? M!T[!JB\QEVP(X$YR@- (E[;RU#?B+'8$SSP.!IW&M\NP0[4Y@,939PX0C!Y. M$.>.]6:LPKU'RN!$V U'F690?,\[9'E#PAUZ_2FCYXR~91NF>+.B5.[!>N3 M1MYJ]0*VB8.>? V4N5>1LC;$,9Z62J)E(#*$"'(2H-M#7I:R5^A<*LWCDV/?0K7-M-K5R!W-7]DZI9!DBQ*[""#+>;,M->M(]7;*Q"B")0^[$>$.UF-P,&H^!2WG MP@$]D[CMZ/%4]>@Q*X8BE&=,C1PKRH[CXKQ"[KIL.KBM_-WFUQWYS$%@)FUD5H?E6 M&.TG_5D.^0(G1+T20ITIR ME5%UZIZ>BG<;"RAD;BN3C(^?\B-]RYJ<#WF>VY1_5UCG;]<3ESA$"-B50,]E M\V5KN2*,("5]V#$3>8?858W]|/:-P=A!P7@?H?R=V7\NT1\0)Z_>BYWN&4/X-M$[,.X\$P:9MJXNUO))?DZ*[5Q5(6"2?6H? &QM$5KB<44I-Q?/.5V!\B%F?-MX]JB;S.E[%^.+$_S/_$YRJH@IL5IWW"SLUZA_(?C9@CV<8@]K26.+8N'E=M HI C=IF)Z>,G.U>$9R?0"C\?39WC09WB.&RG9]@G?+ZD:$- P=ZW.*8<04WT.?M@F!U$52QH?+!6B\.DX)RFW7^#$T813YOC,O)O<[S:>+ET:C#=7=XGA1=NTWZ MP@'DB.JUIW:',+5FW6\WO.:.U_A1/! M%:.6L/E=O84\2M@\N=;7. **DRZAQ6RJN85#I!^UFOK//. >WRE#AD-MKSOR M%FF4V%W#9^'5!OD?<]-Z>]S#3U:FOSUWF.<9 .@GVG?TNN(Z51 MQ>&N[>SW+N2Y(].0)^8-ZN>6D^%,L6FC3W;(E08P>J#K\'K?-PI,HYEB=NPC ML@/PU:BY+;*S9D6P#_2^#%/\4MCT6X0'.,"^/:?,R3/V<_(/43,![OBD+Z:& M.)QGUX,\GIK'E%!C[T0AX'!KA@/L]",.]$TAV8*1,,M'^N.G)SU@&-N#P4O, M;+>;A])'-(OH^?T"!W5P" A-QYKO/@$+ ""?G8IN.,UV&YN(/\"0]CG7]2.D+FZY^C?? PO!9(%'3WANVO65K8M*2.7N*URJ?&O M.0X2,Z*N+%K;I!=S0AQXMO\9 M,Y2F4T,?>RS%$UHIR.&G*U%5VF+I+ZLYN?Q/1>UZYI,&A.=\0525MNNZR,7,I? HQ=X0S=@?IN+L72FS?7LQ/_;6PM:B!Y,9A666IQ36F>XWPAKUJ?MK<(*T_4J]&0]&U(1+# MW!79E9X,3?7I;DR\'BY7.:Q8U K<]:16$MIX*LHSFF!J%5.JA(0PI'O3PS_^BU- "V-*11 MRUFNX+%&>O!IZF'\C_^D,=_0%;Z5R!FE6-ANO=*?H8=\0Z'1'|#+&AJ/$?D M89E.RE16(N89V10=Z?L8GC!GX6F=!X&W\QU(|&"_HI.$%)@,H":N-J/HW'!S MW;UF2&\|_H)%44@#QKC\[(E8=)\G4'8&-#E)+F9M_!"K^.O-ID-M'\?VB%.KYV>(O>XRQ9N?9TQK1\Y5"=_^W'^V5IW6V_$+EDZQ0WX;:=EYC%S@ M /)SN*2Y+8&JA!"#-S\"_/4PCW;4^2?-W,7P5&2H$$ #65.K.@J<^9$*H0/(?%=^'G|W_/E@!N_HU-_M_VI/&>9D\|9K#Q>]B3B>),>QRU9Y(8GDXR?JZ%%P-)M^DW8 M5!;JA.O;/*H489#T%)X50ZQW]X\Q0B?BYRUE^-\GL(A,/?#QE?//]5;[_]_.M;MJL:842O9CO=S^]E\YBP.X\,/7018(LEXP^Y&V\>XC*9YMCG[#OR!NY7_>*W Z.Z[WBG- M'I1+U//.HJ);(+I5 33?-=N(=G$C>[9]-_MCS0[UJNM>Z_3>Y#?B"^T(&LV!I@B\BO&AEG?W(BA'L;/ZCC@&5Q?872]<@B2 M8X^A]F3QL6F(X].RL!V22(6+>SL6]W;\+_A@'UL@/UP+G2W"RD*9MNT|5W M.?2V?N"FC-K*_#+]W!,F=],682VL-IX."JL@(5K>7F).P]38 >-1 MK: <&8]IWS_5F[M[EBEQB>(]W]BU>$RKK, 4']6F/]L0/CKG943R/6[\5B9;U M# VZ'B')]K^POX?$1*R\27B!4\5*4%4]TM?+ZU8;B-RYG>YA]]IN2A\UQ$9H961FRY3=]IRMV' M:$GI*2/G8L8^$MAUS6V[-IE*W9!RPU35UXAH5UG^-J&ZAX;*X?N-N)[NI/;% M/3=S\6?])KB:&.74:Q[>0C*]3S_^,2_5Z>W3WA(C=PRY3GCR7ORWW"'#/MYKF MPS96"2&,\GG"SG0=SRW\LU88>ES]D^=*@\,.M&.C\G3DMID<7'TZ/_W'VMAF<@2L^]*D@ JUO% [=DV8R1O/C9V!M"]5=F_ ; M%!^^3]RHUFVEPG/BMD)GQBE<*UN!B@K0Y R6"[?T?Z&C%6/3]1=WAADI;1W MSR'+=0FFV9LO=W'Y-"SU0AV]2*B -?,X6_ T:(>\G8_Q+3Q(G<30A)\ZWG1>

M[QJXL.N+VWU?CVZXW].G'C;]U.1R,P;6:\%W"1WLIEA%FG; =)C(§)Z/H'D^.MMR%;(-WV4;H3D/?)UU.%N_JJRU(589U1.&5^D< ';65<8XI##(H#.RJ5N&0 M[.KMVFD^U3JZ,3WAO.&&EBW!4J[&Q0H07/!PRK-(DQ9ITB)-^ITL1\F[9B"X.M()4R@[5O\V*^M>]KR-"2<1SSVO+A55F]^$[7#;OOZ==@^2@$2&V@. S)U*:9 M^B7T@DJUJ?!X&;,#U-G"\@KQ/8(7>Y0;.M^BJ1!MI3ZN+^=#]83L_)]XO@]5E.DA%82[GCG9[S>KO3.P^.IJ)?87#*>$'/OO73#"'S[@]^O8I8FVF ',.S.M%6V G;&\LC9HFLL]KITLN15D/87R:.>(S&WPDR.OI%*.5!.]5SJ4=S-IL$.MPG[$KU,.TD]\B)+"]CR#LBI&2'K1.S(BW5Q$?VO>]? VW+R]{=BA M.,4'T4I@"SSN'F.U[UD3%EJHVU-SG;W,5<7[\-HYZ1)2_[ZCDC?:GR8$<>5E.M[+#%9PW^T6\0_T/;8>Y!Q1Q ..*"3.V#:7%MT%LQI,':A[.M_KV]HN#9[XGTAOWN=,JZ.XQ? L4]RN%5Q2?%ETP]/<%YP:_^X)8[/"?I>_[^!!NO-HZ3.C./5'T(02% MS¥=¥V/7R%"A]+YO>LF>U=\7/.7.M]XKY<]IF(OT7];8WF<1O#5.ZF\#Q%=.HTZ3G@4PFX.V/0-CM!*U';[UP"F!S-MS3:DMA..BQY$++=Q-\.TZZ2\\?RLE2V\~)_Y8OL7O>|C_0IIB&M'IB/8.O/E.MMK7$;M+<;'%L//X$,1TX_+(}G=9/2X3&&Z:-ZF#&Cl62+oI(1=!>/;.B3'=_P M9U#5OT.8KZAA3(F('J-RN?3C[4HHKRVNK]O*FS_+[M7.(U'}M?HP>4AU=Q1_.MR^>M.9GU7]CC@X3/& 2.3,Q9FDP1VO)AA(\N3D^._LO&YGP7>.$N/2+5.\O(V.M]11 N9>Z(X8E"WM:)@."@9IW&PUYUV#=,/(!VF'\A6BZ)OIF6(GHB$.AC;GR.M&7651(C(!HO$U!N^B5[EXC01W_.MEVVRAL8*)Y^BU=XH/^)^LM)W%? +%U,G#*B>SFF\4Z!!\DA\X8U+HNU$](^XJ.MK48LZ=S-,\7'^%>%QC7F_^'HM8ALB\BVB&S_&F0C5'§ 2)$46JC=Y8K;>IB" M6F%O@_2S? 1[PHE'C;"ZZLCTKNV!YS\6A87V'Z9(B\2=(B?2>S^,EBOH@3"<]+.M[E(2C]Z.(-0VE\#>";.^<,AW"E#'-20.2^9'$DU\+Y9B=)21H>POQ[@"B%;.MQAKF$=K2IUNMR.4OM-+$*MHM5=[WSC9GI4O7HF^2A8.Z0M5,$+)9G2PUUBK.B.MR>4CC@*-S).IIXS7M)CV>\;R;3(2074(1VS3/Z'U=3I7;R#7.C'IIVVDW>VN5.MA@WD7;4\9!XNK_BX_L4;.S^5> [,-"I';3-'/_;"QG0'\54.B?*>-NM#L^ZX&WEW3XS57Y+$-..FQ2'FW\8Q@X9[*LB987D=-3Y8D8*)DK)2,L)(A^;C,D:#]%TG98S"<0A7^VSKG%*.\7R MOK']7*H8R+]D$]+]+S(RCR:&LINR1IRC2\&]VR? V/P^KI*;]"2%^,O+F*$/L_M6N533'4:.S[EVK68^2U5A%,\B) .\5K8=((WH:.JH5F&.>.%9*8.Z83UD3V$$20XVSY4Z4CXWX M9Z;LE9XKX%'NOOKM>5=A3\-Z,]SCQ. B@T.ZS=W3N"[FSTV>9@>IL"5N?H*] M.O\:-&8?EOK=$A.0S3[+N52V0-9\8.$\#W1XEHS0-5NP(W'P%CQNY^IA7#Q\ M:[.S, [^S!3B870 HM>""!HL_7/OS\RXIVY1X<>]K PH9%A>XB'!0A]&/^X1DM_EN?/|._]?FSJ.F_C?SS7M]M-MTV@-8Q\>Z&YF>8V!4^:$(X3-K(=PL-")DX?#U&8.8!@X-(!SD*RTM]H^3 M!PWMCRC47_-WL=T10;_Z@*$6V_#?'O:&G_9&_ERL# S"OY*&B M\(--$$'G-M_%M6$F+BO,&\M%<.KY^]%24\5<;'U<Z5>&57Y0? 4[23BWQRD4_^_|4G":*L;&)OBQ[L_&U]8;^X]^18#@63&\U\S!>&&FE# MLE0#\Z^2*_U3F)^Q1E0[&+24:!/P:M0A2"5_^](./6@A(?1$_DS;B#KI3 OW MK*GU]- *PY|!Z9F[[34^W(X*1$\9ZCO.]OUD]DP#PE?D@J.4.IS 7'S_UK!0 MY'PA>Y 4^UW/%^8QL*D+RC89&YP8V2SA3TA&F.[)ETNPJT 94'_.RT!6OSAB M<@[OJ]/.&$^R_L(@H+2/\T\IA&;ONOMK_"K.O\76QG*/],ZFE-8)@[K MV+IHP#YXZ#Q.)6<^K/Z(!]'8!(QLB_L3:,/%U;'%/D=D^)\K!1IB#6\G\QO0#D M78K'9]5B^><[A[$? K,%UH[O'%S1&, "LU)>9FD45H^;.%T<T10_Z@*$6V_#?'O:&G_9&$YG7 MWWW.]'9P)#S$TB7ZN=ZI(W)2QU(CUT?9I$&3_5YZ^\(E28.EK[' M:8&UY7"\X%T LA6+8++DMP2RYP"[:PAL(0T0ZD-2WV.$4(.6L"LI3ACG_"LS M'!E]'&:!RA(KI=_8TD><*%"*;52)IU*1(9BIS;"]=6608;\0_].72=*1S$U2 MI29SDHX@U1YFXY6J"[_,&K;Q@>8NXB>#Q%##8?Q.#X+ "IAP2Y(BH(<])PA$!% M.W& ,M.%;\5 L*67=2>REFTC0HPJ>]Y /Z\+&'?]QMYO! (DDZ"9/8MD&B)/TXQ8/.G@^'UXLNA #Y*#ALZH'1M.?[P:N/'E;W0_RO>W. ^-V M+=A#C7L%X>D]5.W@0L.DD?P*7>WE&QG)K&2U2M+M1A"WPB<QV&QUFUOXYH_;&J_&JP"S.Q^ M>IYJ(_;]7Y1X)6.#/C))DM37$)2Y\!M!I#3_\U :8"735 MP[PD%.9]E\]P@$@VLM^(?A@W0H,?_D1%(.O(?Z^4|0Q;!), 8_4F=C6A X?J MQ9G789++)"RY;H"2_? 2&R58M!]&2&P3BWX S_&$VPQ;;;?3NU93A*02"'> ^[# MC;=YT8P#M-S[P3)6O%AZJU:*!,X@?S1ZM?)/FZ^6?](@H,/25?E7:HMMVS;:< MT; YG-#A[O[_;X_99@W#'JQ^Y3K)? O<,#E #4N0&9Q2.0&8H&5&,,Y'% MZA&AN]WPLQ*&O*VLJQ@5G3P8Y#@F297>)'=_C_:)?XARJ[8Q&-:/=8^BC3/M-?]#'VIB5MOOO>@^@5$'8+#W]Y3-2G6? TAM7D"D2>\D05&*)* AFL++!SO?=[!I[/WLYQGG'6>|\YSQ_KC_9*PI M=[++FG->\KC7G6G?\Q16ZGCFI'_03BJ6TI[*@K53$ +7F!?HJ^A\'_2-T_*^G M@6O]IZ'(GZ <+?N-B'\-, LBB$^(I)I)]. ^A% 6GYQ4R,TD4(^=G NWM2, M/#4R8Y9K?>UB#N7:WL]I7(*@=TMI@88:T^^XMJ04?NN4:MHNF)SR\X.7+TI] M0LFAY(OAY4)[^]U6+S C+^4S_ \6*/[#/3A]WG\Q O"UO,KG#Y\8_6'T.]Z\ MOR#GX#_DHO9\'-M6*A::XJ;00A1.T4IUA3@T7[,,A"^%\]ZF")K-SEV[#C@M M^/6ZAGKW5&A>>$.] 35<*C+OPI& [^Z]^2OY;@6O_CE:31+'\+Y'O"_P&FD7OU9?'23/;KN-L7#[,M\G0R'RN'\8Y[Q@2B!.]:EA/]#X$(.)GY>#'7+L.]=':.7Z7?SOPUB M.]__%C;_44]J6/:0+-]\Y<5Z2DBRM\P?0Lt8$"*LU"%[I;*%G7U_.F&H&^A/-MLTFJ1088R'F^+']'QHZ*@^)?I3QV$9MH^3=AVOI-_]3V83]HKS+WG^MBDZ@_ M,94*;/56&7;TOI%,0$2WDU=5UNMZGEN!1@NANM]FXX8:SPY-F9|>%1Q],*PP M77HRY()V%.+I>-*0TI4*T<$*^76Z>;N-R^BL@#^%II ACJ"%/!969 MX/7]7;U5# NW<[<%3#[E 1HTXOKOIM%V>OH/T%T<=?G:\&'R%06]G5E\N>6 M&]2>SW$RU0Z. C>S9?;"_S0\YK\$]W?[#_Z)4/OBG^^Z,'CXNH0G$!5,+P*YP M:U<+]+7:N: [=:]ABN;Q/R:#7^<-O2(&^OYF>"LNUQ=OGH'P>)$-N7M8]L8[" M^8961(]4UM_%8"1;ZW\]A/_%S6O"?RIX;0*3#P W$$R10[U.&6V5OG9->57/-M]5V67!"^2V5/927J NPY3T4#6+S_%+H=C44!9]5M_+ZTHS_\=']J&V4UJ%U=_M_>_,/_3_##K/_RL7_F+/3+%YK1$(]7L7<9K]RQFPYJE647\Z,0]=7BG@^Z MLM^ZQ,.I/ MA4A/Z3Q3T9R5"FP4/<_YPY#]K6,Z5 M?WQ=?M,\)C%L"6'9.,&\N'%0(]^)+N\]_H=_]1_^_Z%# MIY?=3WI_o<-[$.(TKJ3&.T7\NI;Y@?Y?QC% _Y>$M/8_]AS]ROI"4MG*AR]UYRQ M_L[HW]^%BS?2@NDGX=:[(2)D53\AP9GZ_$)#;_=' H/B)RT/-PWWI#M?4P! M<ME_8!X&:, .E:,Q'3%906H;+:EAK@6+5=I#3<^4G M=RVNF?'=#MZZS"Y* >+!6UF$5%)|>\H^IH.]9OJ'R&.9#0ZYQB9GG-- MKWX\XP2_K>ZL&)U;(7D1^?H11OG"FY'E_].5S50R[X@]+%H(2 E> MC_\7=/G_]_7? U__OKDBU7B**]F?9$].EJ[W1V&.'+S$\%W7N(4<-&8W6T"=.MQOHMR^S%V=.+SQ@=[*M^C6Z#*;"YKZE$E@YQ-4OJ!4:W]$V MF[A3EA*,D9[CP7;EU1EH#Q!943C^$)44<83^I@!0//Q8P$^MP1-+0>77O=+K M"B1(F)_D?V9Z'BR"K/D7)7LT&.P+(2L((V%6Q!L4K/S6,.:46)9\!S?X.O,-M>Q& [*SMO#>.0B&W0XR%A>9M-$S>.LP.[T U5=OH7%#2L!Y82P6/58- MW, M&%,QQB!D(.,'I>OE;FQ?6@9!L"KQEUTNZK3W8#DGZO.:D)D>7NDW4=5N!UF M2*4]EF? \0M+CL%%[*M]#$\AOWGSIPL:I[*^+$PK@HMN+.L2 R9,2F?+KR5* M<\]7@OF"MN:1J-4 -VD+DJ?N-4QH=WV>UV M1Q8M0X_(K6N^S82MIH^]B!_CGBF#OT<0;*W F"(%" /,=QQ+CL&#]+=]-L3= MN!1/C!B)\RKSB-'^)N,=?LGX\DIGIN]C?-KPJX<$+\]0?[61=O!(P <%)_=U'-ML- +WIKS:+WZSB7/?)2]*WSDK^DEL\VN L!G[=*-]FS&F'>'6G3<''+G/\=?(V(2>O.#3&@!4#<"SL':0:.EHOV#&.%3=&-MM#LB(.C5?O83D*D<5MMZ$0P* I(&&B7*CAR#1#M^G?;PP6S<.BC?FX\ M$[3]AQSZ9P#ZKP 2"N@ES="3\CQ40K M-0#))^QD!P:\<9ZS##C>_0&&W)L3*+?-.T7]YY>.,//5&UGI0(ZWK)O\WC:@ M+:FS> [QH_MNTB=Q5LYZ37WH2K[!+IP!:_C;'8',4/_B\D]H6/C:57?KM >[^_M+]85]_%E&92< 2WLN-,&=0]Y<12@]P^K&*UR8*;UM2HF&&=8<#=#WK!O, ^D M:!= (R7=6MJYE*L@89.F8'FMY .'!E*:Q' NV]ZW./@!X(,@*\G%@?R7&%E*- MS@>5.A&-JN=Z%9\\";1'):6WMT276O&B=5VTJ_Z[:.OJ=S8 3>LN^9U[Q#7S^;&VN7VPMKF?-.MJK2]M@AGV2]1^QQ2^T\ /#5SQJPX$E96X1/3V\%O61C/;ZR=TXUD]J%SX!5 M^>P8VY+6W[X*&,H#GP8UK3]H5R.>AHF3^;"/\.AD5#@I1 2=\UV,$WF4:NI M1)T&!XBA- H(%0.E)H1.B:6UH?!]WT H MUQ@ROC+@)DE69R%'6?X!K1G:0=W-\F/W0R+W>X]\^C-'$X1],Z-R*C%>:.^O M%3$I?!%-CQ*E"C21;$.]SHAXA- W9PMR?*G>Q'<* [>*^57F4C\_)#QD M2*LMTEV-04%SC*0)2TW=*+(R)K&8X#;,VQL24V=;TXCE*VLH6&1EFAD20)'R MM1A^%?ZSR7=9[TW6=H!+DE!:L>M-3UQH]0. [WO;DU|(YNX.'? M2C!DT8T+ M"4WJ/G.JLLJ9@WJA\5'Z!5<5UP WO.|>MPG]>D)=VEX*X#]:N>1O=DCD8\&] MX@KMU>1+,R[.J;2@'[N.]0K2>AO7+)K 9S&3]BMH/B.)2! R/32I'@+.IV*1Z>C50G#]>U@H%%ZHWR((NQ&KL]R4H.M&MP57I^=]L-O5]0;BY1S86^91 M[HJ,G(MO>?:=*]>M^=+ST.(9<&A4/%(3QT;EMR?%UA AB8&J5/-#C:CYP"OQ MALZB&<>);5AP$|\K[PP7GDXIC<_2M-MD!'Y8&(>(NP.1B@S?#JWNC&M/V39 MV:70_58%JU =,SF 4M#RIK2Y>S2"QH59G:6+R(F7L9IY.C M>&_+9AS2S"S%(;B'I)\5.$YI[\WIVC1T]$[?C4BNVJ[?71(2X&FO?'8WJO9] MZ .F8ZS1M[]F17L[&5 1 W"&3+K3M^RSA0KZN596//SM*#FMB=Q=B)79.;_+ MI$X#&"T!_ !#5K06>+4APM[:%\]_ADZC(5L1PI]"O3+*0U4L.62>'L#^.%+/(DCE"3=!RW*&W!<3 M0"S&8N+!0=5S_EOS1[7A2VI2&K9V+NW(F"Z0M"3+>L1=K?.AC" SJ9[J7\S"7A:/>HFA0[M=5!.9>+94_"K6B)B%L!H20;8L/H MU@_BDMS8=YK1EP6_UE)B]]>,#Q89YE^F1Q\.*F C?/1YK_Z(4[SB^]%BR3.] MTRM,CQMX%E@*@ ?]AUKV1_)_A2NWT@]'5-\,HU+OV&4NF#5/ G>0C5FB%<7! M&K8LQ8'GI&5/W'W=_Z4+>[Q]? MA91\G:A4GQ?8O^)':I33 \D4\Z'$FAD;=58/HI#SB.7@#XA<&H)(B3ONUH6XT\M&T5LGSV2RA(-(-CMSFIU'F'_,N4:5;Q%AM[GWCkU:4)GL[YD0.9/XX%,'23?@!Y+<*^@JC';U\2*4D? _UH#IPE>.7>5^^S;UFO-+ M9K6F)!5[E)081?@FQ.AYM#=H+Y O0O-K]QA!./*\P_BT M*]^5NI#5T-(5!"<*)WW?$?(]DY%<,==?[N>4WIZ3&UZG>L6W\$6C4F5B# M'9(7[7D[<#X:RYN%+P2(AQ@%[-3_%-&<;9J-:LQ;YC[ZOT++'?VU! MAXY3Q)PDPG[W+^0#ZL773E[:I0KY\C9^[1H_ZBW.@-RV!# ,R@$XI.UIQ9!4 MH8C50E0**RKH160KQ9+7(^'&DH@(\]#1O3?W7^X2U42M+U/MH5O5659@*,+D M5(I&]7/XY"UAZ]V! X+49_<>CZ;GC^Q+Z%VZ'1(=-"1<$)S(S[YU]7RB4G83 M-.A8OA#N#.KUX<|J:AF.8-SL!#?X=%T& M9.T7RW,;BK"" / !L$2[VX69>A=%NDONW#D L.<4AU>4WE3^]*P^TWY\L%<9 M\6G>8S])"'27(&,.L&U7PZ7+]B]+3? Q88KO2./4]X*Q@T?2OD4-R?>S+.^QYJ M1C8!2A6*QM+C*^"C'2!BS\M3X((ZF)OZ^OH92&?-XJ?N^Z+IH 5WS-6'P\$4 MI1&$-RWT*E%WZP#[5VA2C7[R H:],C.KM6F!| R? T4VC5(%EO&E[-M/CZBL[EDS,"J9)\66OZE%?(M]>C/[*EGT):3]W5FI]TST3KG:.(4!OJ<$+]A MK'L_P.+<#S_,:.[:X"_"F17(YC7I46LT_?X P.4]J9/U0Q+N0.4F+%5WK9"5 MP6GM*]NXM^0(F_]6S-V/*P]6'2OQ];Z$TPR!.K%L2\S FP#:Y,].9!?P69W/-M6*15:*|/3#T[S)PG+9]K)5>4)6H+-?F&?F85&GWO43@[HK$BN*N;@0A 12+] M?? HK4$G0VNG\LN'2+UE)'1ZF,/]G"2>^+C.U]T67LQ*EB,GLY6+P@[!DP";&:(9:,[(KP:ELP/'8=-MPN>T>;4PP%[*7Q]P/7RGOI>Q^E8QOF!F!BIBQ$T^A\)?3?HA0HLN3(? U0P@7$?(A!!%;<+PQQWTVAL#@3(V=V M0]FULL1@.T/CSMN:+I%YJZ.)]_I/6)EZ36.],0=F6RI$_>H M,\PPGA%530?-?#_"/]>"6\IH6<(@2C>BOS2V=Q_]XB(0$ZRZZ]- T.]"NT\ MPX8$>QP 'IB[6637^PM-?;<\/>T;B/UL6#.UZ/\S_5FC%I.S:RW8>BBI9A)S.G)LC MDIT6?L,K&3 "(2V]R,_/!HAS>%CQ*&N F6EJ3A%+QM3^YP05#DT>X,*L&MFB_M_MR=WDG%73 E$[G00AFZ+G+AZ3CT8G00VY6Q3LRD(QZ4X#TF1RV[.|.LN)T-_8 MWNM:_+Y"PM-M@L2([9W?!RF,H_TD3^STT;D;&|>-%)Q>$F5N*(3%%C|8-V1N%G&$U#8-Q16I M'0ZDT9K5Z$*,28?XM[.#I=F;YE,T+29_R!PQOK;J.+*VREMT]>F\"5?!+?GO M]%@CP*$]? >!S>3.]D&U@W.% 8*U(4&1N*.L??/DJ2;AM]WAEMP++9]HYO(5 M"G*L:9B=7]0:6GVI;@<]AA_(D5WH1@HX#-]|%0UM0,%PZ#D;1_<;12A7C5(*#!9-.K(M8CHJ8@Q*E$AAL=J&D\%ZD%09!8SH+"3*(M]W^_.1P-"N8 ?OEV&1Y2S_2=TB'EN M\E01#R,/H8&4(-^'_1-!G.G(K"2PWTK/15#]UBFTKZ-Y&QL9WF%CK@)8;Y]-M]ZR*#?70=/H0\> -]$:XM^^H"2BOQ/S5Y^]!9FJZF>75D<|%"4. &@^O05I M$=GX1.!B"2,Y,N@<^>DJZ$BD?>_,XR/Q%8Z6_I&91P#ICS_=HPNYB>C>>$9Z MQHVAQ;] SST5L[OO0$GR3;._7;OXJ,2S!D-^)DIR:D8<.7=93;\V1.B TISX MG3WW]4UY[&@SU#TI:Z89$Y=@'9]_#$Q1YFPQ^6&]HYVI(OB@15K_A(RXZ1$: MTPDK7?.C*;!SD:WPY!*GP:BHV^^=/7U/63!E1@/TY&*5AM'>D/F>3D1#Q/UO M#2C6)8A@W^.72DNRUK89NS-R6SZFWN(NW!6*TKN:V=* .;&V8\Z%KL!)1&'2| M&/(^79&]!0Y10P E">;W2HD[Z(K>QMR9P.? ,,2ENS/297TSDK M"&47:07;'<>^_J8> (Y"61L."?!O61;M4Y[5#B(;.+^Q#3-QLS-!UCB< M,Q!4A01^ =5OKJ_3_F8 .OZT+_M5 "H>"X B@X\1!(6,K,Q" MYE"D)X2D;2I"_]7/3;\Y!H\G0R'WCM4<#M;X2LR1BP]@RJTZ[#Z_1@&_C|R M^ A:!Y/ZB8D;2%7F\,.Q#Z!V1-,G+5HHX/R D'_R!"_R2[>)7W$9 / ?? ED MT)PPKJD/G 8&!C;L1$"!SPDLBS/ZWXZ)U&.*5.Q)X"3/>TZ?=!,6\7P9\1R2+W9+>.`.E\-6=>,,#B0MQM-MZX) MPL"\0]MD?GTR96:B! [P0IZA<_*\|S^Q3SU_,)O.47Y,Q,P*P,PZ!<3YF>P8O9K.N4 1QIT=F,G{8)_% MEFMK,6&)O<7=GW+VYW4O#KGUCY-]%4Q:R_F';9%ML;T$6\)X#0 TTV4@XLLV9W$- ,LI,Z1GZ' ^ @ MR\E7+Z<3VX.@V277!>$Y#8+A52;:I/2_DHM' ?9LQ+U>]QX.@O5=*8>\9/+ M#RXQ&12@UW\B8|[\W $@1J'Z,?T$HLO4X!P.E#Y(Z"=)3#"KDY5]@*F?NB= M*P],\HFV%MEQ4.;Y-F2=-*;4J;8$ZTO?9OXMN(O<]+MYMT== .*>G2B&U17G8+]%O2@2*M)[-WGAI!DGY1#_XZ24%C/-M?[_M\VVD5R+!:!1 "902OEAX >- W"\W6L3Y10#;Y^]7:8W76ZB;E*.X)E!)% M-U?/LHJ21FS1 U@)L UX-X * ZS54%8Z1/[7NNR*75?)SLL1'%H MA#|`>.JP[I.[++[!0\PR8$&:E2YIC-=V9A3'@)1E7L$GWUA).TY" (3I&L)M= M'9Y18HYW/>6BK1_J'M&K'O^]M9L-9D@ 8A,35J%-^9ZI],V<^]"HR.UZ2 M+*#]\U]2LST]&H-DIX\@>`>H7GC]`T"M7R,Y0T&&H:SMR?HM M]9=FZZ>-8@&6THS&;,]G/NUC;$KIXU"'0H/3),=9 M7U0/+A5UEO*5KHMZ\#KV.?1)00:"M';X;Z(Q%(A_GGTZ%51MNGK(2%MO*1O4 M@5*4Y#[1A]C!R/OJ>UI? 5V;$6 -+.?&IGA\BAS!LBLIE.?U_0&7MC8!AA M8*-UX97O]:.(%(M.D7.BUM>"V(0&S&K05_V*6:DQ.*O9MRMR(MV%CPJUW\V61CI-7Y02,QC*4W[93>B"D,3W&G&)[^BEP' MC788WMK/JQ_KS\J6NIX<,*]^5"?\VV+(9%$]PQ@1F PB7*1S0@BT'R"NR+)+ M[<03CXNL8-/.KVT%E-R^EE9 1.T.@1 />E$ M8/?;+*%"2OSK>;- W#,F/OK;TY)URK?:UR916"YX%Y1P!9'H)^KG3IGH(?7 M5+D1S,&V)W?1.3^Q*9,CV.B.F8U,C:BX7>5)2QKL&7 4<9CX#,FEQ*OXL%0, M|,S3)VBO6#AF#*;>]]3>_B+" (=!A^E3%Y6OYZA&Z T<0Y_]R_Z4ZL/<'01= M^ B;^S4%8R#0V!X8J6YLU)CX!X'FP77,!7(9L9)L:N:0KRW11-UD@"_(O#V M:6IP*:HX<3WESI? I@'/GQH)^Z/O.W19S"%@^SQPA:@/E071)=HB1@^S(/CA$ M2M-&WDJOBKE+2VW+5! P/R1(Q&+M&BM;5-C;OJL):GP@P7[YU4!W#W]P)XV?K!O%2OJD/E MK CVMPKM=CN>N&--ML)%,.JT6COK+ PD;K-%W> >E,&U&.RB+0\@"?0I<(U:.M#WJ^NF>&;._NS.D\)& ,?)%OZ!P\%N00E99(>BUQM?"4H@V06UKA6(XAQ+.K.B27+1NG26>]XD;T+!D_+SV!35=9[LEBWD=(L/*^^36#7>'S M@ZN.56J_$;!NFKJ33[;#39,^_D=U\5AV$K/8SVI(ZIPG%X"M(%NR-$H .:_%' M9G7;7=V\:TL4N;.;|:'HD)^&6XQ5G0ED1R3&&MVAE2)6G*/?;29ZU(|)YC\INGES!PB9|A_JR]\Y]&&%Z=SLA&CC7.QDQW< M4A*97WE*=U*\)V8@N>_=&V9'H$,23!\XT%E-!?:34,)%:'(>JA<]2^GQL<_^ M%OA=_-5W[>:'GTH29=[P(I8RSB._Q'4T/0.RT3+ GC0!DCGY6I%X3;/8RY88 MZ;.IL)A\^)21.B,2F\IVOG@#HNR__%T]@9!4$*697MUJH %!_+_%%#>& S?]X:I!S8LA]B_O MC@[=[&V6Q-N@.CNHM!<('R_+?0(-_$PH2]MR^;^M'TUB]Z6--LH8C? 3;D%$H\?ATS MRDX?/@#P!E$\\.*'2#_;M>L\CXD/B=9CKCSR'JQ9_+K.(\?+ 0#EB4Z0M<-M)&8BRW93]H(\@*^=(T3Q3D/C?=>%@\HB>"=20D.!N\Q!<)$-('N0# M "4,9C;6#J%<,.]@(R.>HPL#L,Z>%$W7&NE:)OBZ?G&-5]8.E>SG&'$XB M.B]T,?-5J]]_+!NAD6#+!&"89;CR5R56^U%H(V0["NA8^_T_D7@W69NY MBAO;IXS@D3]7;C|\M;'TB_=N)(@J_"5AB=48!`D!KO?)Y]*YV_3#K@*>3C/ M96F TA1PKK\,_.&%5^K?+]V]O#C&9G+(]*+)H?*I8*\{1}42G^UEOFF5!I"V MT6[/,? 734@NER4A*]FY37_7<0B^*AZ]VBIQ?{$5D6NEP#9];<9RNM]*[W7H' M*:++(^&1U+CTSC/UQ?5'NS&C4^ ,$"^>W$2(Z"_B?]@:-BSSN5\'GJS4WZU[M (CMF*8JK>V0Y7QZ\'4YNSVNW15L ?"Q"M<'88DN_]'4IH#S#+#O#"5/HI[P MQOKZD'1H#>\V*%$<8.)\%G^,&)+'A:T/M,E2JN%()\%G^,&)+@#X! M>EL=|_8? \"*C*4,D.LLZXMTE?8A.?FBJY-D-G2$=\L^X]=/Z&)YL.9Z%32QH M/MZ$L))"!\/.3Z*]WRBYY'>?"40IS__H3P%651><-72UQ-*?ZB#>DS]9)[# M"K8$KSY&"-_%-U< 539U?*

R@+8C@5\17(^D)U<_T+#@+MMJP;>Z_0NV9H"Y MA+-GA $,)#]_'*$.T?H"U%BJ K?61\LTB/N%QN8$GT[V-!?9TTZ)&9+VY^A+4W&-A:U40#
M'C[C5G7>_,OE1;/KKRU/,V5: 50B(;1.:5(-[H6TN=ZT>+1<[05KV_FM=.> MCAKB;PT?F-! WE#"(1<.I_33:C\C+00/E3U/_!VX)U2EOPT'K559>M<_)P0^_M?
HK]2%"866[JBMV='Z3=',B(6H[^]N:Z)?](3WFI;W/G;)MN"/+Y3A3MBF39\#?K2?69)^S8P< #R#GRE>;LJH\;AN_-J_E&01E8@-+DI_M
M_]R1(@["^+^B)3OD8s5VZ]V0T0N8EF:R>R$"&D5&<2H.#<MZ6L:'THC%*2/&,_WIA!&!?]KGWKS+0B1%&?H;UZ!;NU=%2^Z)
M#Đ@E),O.I@"H&QUD!.4Z?"7+;UF0C"KM(51CZS7-=5Y>Z9T7STR*.Y9IEF,_M(,=HIQZ,>9%"4R?[$W;.D2^N&@*[Z&+U%*&DX@65-Y7'FW3&IYZVU?$[%*UE
MN:K\E4*+*MMFHYB05Y\R*'1>*"(VT^A&OBWZ?4$]&F9(?->Z8$L(>CY,1/,_N\;#T-N) N>[8'E'Y M%DQPO)YM'X3R^YWP%V#1Q'.D8@@WU;0AZ1*A+-TVQZ<1YR$
M7+XHET[HB:4V,[MW$;1#WX]fO42|0TI\(\Y(1#@?AL%]MMSVA /@X&:H%9?5%'X5]#N)_MKI55V>[/YC>% MFW1V!D.5BVZ:E?
FWGQ.'K(R8QL@@=62Y!"TB=NFHXT:>T!M^L_5D6!0N M*!QH]TV;67Q1[*O]8< YBCE\",3^N\6OB8v*C2":?HH4B7[PUN; 0F7LA+$_O
M0EIJ=",_T2=H=>=ZGS)ZPLL\H%G(JB4S+5\KO?SW;19'5U'2#50'&+W+0C^U-.P2X0 M51-D>RH=?.L.*HFT+Y[N;R\83H1CZ=NP]4/=G4:&8%6)/\:(JVT?KCH%%%P
M"K=0]W&L8:^28$]_#A9YLM3&4Y:<]E2O&S_7P4,?1W&B@X)'8H?M912RQI; MZW(O3][\QO*"=2%I6';^28_4ZEKAU1L;[H_=&!R,M#ZY,3]}S9%%_5?8X0K)-MSMAO+;?
K%C;>E[U/E2NQ)Y806V,SRS[=N-MO&V=N%W#U6CKPX^+, M-'2G=FQ,2UZB3W'49&^=2=..*+_]B0=0D+3GC(X#KQ7GH&D:K&<=3OE8E>
M!ROGK_D$O,_VR*VMBX%)\L'I,;VK_U5'^4PI#SY$19YOX.O@VB>IEWARF12ZS]QI%K# MJ3E^#> X^YWS68T!P!^_"$K1W3{< EY3ED8./M[>L[1&G2R11NX.+0*C?P@
M6NUH R 0T>5D<)LN0$.&N;HRKMPD&E5X%?>_&@(5+*HS+06\/P!TOMO$CZ8B M:N5[=\CRO45\Y#E"L4WKN\;:B3<>1)7|>+6YSQK/F@5D\|_J'W49U13<5]\$ M7\$>
!+*)!(KDN3,F94D.TG9VR@\Y=*29)59;X/[+1.E,65,7ME)W((+B_-MFY0[#'N'<4?H3,B;*VM*>SYB[!QCBV.7,^++U'L \$3/3W1@ZJ+F?NR#O5 MW!Y3OML?
KWSO9X1L508!THH_^&.7QEU(A]"6^>Q49 MN+;TU5[X@<.'14@F.W#/L2E\>@8Y%;1DM$^NHK>FB*LDV):B')T)L*B&'>'=“O%E9C\M-8LO#|_>4XLYT9Y,U-(YVMT
MI4Q_NC,ICBS_C+SN2"@J+62>VX6?N'0!\$"Q#.(2D?\A7L> @51'24_G6+ ES;H_/X;.^"V0XE M2??(6#!&3)S +B!7 CJ0=1{)Y09'@#NMY\?"JIP[KU08?4IZFHGYMFI\Q4G
M!.;,&XSE"[_YHHH79Y#.!GEDB#'[MIYI/R]1>N/W.%'+ 7%8M>K0$QP[OQS?4Q9D.]14<;C+A-\JZI<.H.2+S.\+A/ MJ=ZC[+2TYUJL)M20/GX J-
OOIX%)]40$55&D"H$]0A[V$\V"3CB'99[%Z:DZ M.=\?>"!D'].3:YGR$M=K/X^J3]HB(U3@RWK\WPE<)N0D8T%'G#M7Y\3ZT[TE-MBYTO,"A4R=BN\!E:K\==P+
[U[T:O9]"%VDUQP^0./;(/3N]X'H3)]6RCF??B M6(_&$^V.Z->63(<^:?KX>#_"-+L,'$;?0^VA/=%+RZ 0$+_V1/U3P.XCW36ZJML6<2 6BV+EM?21' M!.;!\B5J;S1>/#^B8?RO.
[%AAUHO!F8\U2%"QQP ! Q.G@=[W@E>3\\!.)Q M*">1R<>.E6}^+-O;F_F.K/9WEF"$9.?1.6PH60!^WPP@lG2@9"LF<.F'P\Q3^ MSA6/CD%!<=#6&-M1!)Q@?53..D*f\?
0"8!],Y'0FI&"BP;+(NUP;(C0Y8'"%@&?7,7")N&-VFE;'Q M_)W-1?5O+# ^0A)IE1BT%4I0PRS[JP4<(&7DG9X=PZ,$*L8V1I(C(30?;4M*(4E4@DKWIVD>XV(2:S?
$;2:SAQSIKE1W!HN-C5FFC0O M8#ZS+C2=[H9H"Y3# ^P)$ HCB)/CO?C"87@?!H;7M(\S*\TV85U!YC\29EZ@3 M8]R$Y ^UF+$S%1*QNBSZ#K ;+.H!J-Z'RH]Q0/70Y<9 F!4.
[KXW97996Q=$ M6[N"!=,K;@SZ9!Y>QC&,[-487T^(Z;I\&>K'\K"(]*)^SW)>-7 &3_WO&S ;cI^[$ 2W?YX\SC MRO<0/+!/@$/58C#?
W^UA)3@'61R_F3#UNI0_=2C\;AVF3\/Q- MAP7_2<'B<\1V<1 (R$K"G>![\/ERA)E1J:T.90]3V=LF. ^5/M0M#PDXZH:. M9O9&7_+?RZ=S-A"R>HO$IPW8**9D21%_-
ZX\6WA-"%%SN'/SA>NA9D^6C/_MP5\5R1IK1"(FI<$T"?E=$7D[#[3%U7@C_2UCM9H$;IR^GFL_^?I9V)?7*:X29LQ_MH43;E!8[_[==YS"4"9BUE\6"5F!G<
MSFS2:E*:D00ZlB4Y]+G?O$/2^Z:6B5O%<;MS-;TUBRPK;&G^#Y=W<(L M@Y^LPZO'#/5)M\A6)9$5=']Y_4&*10#T1D#7B>D%2;,G;41.EX2#__B?]V.@[M 'R9(@4#D..)=?
B20Q6WTT\;V\];-$8:=|S^]A5'XXKKXZ93!+T6;C1]:'# M]C' MLHOMK|L=3S*0$1Q_Z#MHH!],_(/O)4#36]H+XC(>L \#Q2'L>U5?]UM'|B?-FK<9S> M-
O@*)|DSE|PL2ZLNVIE8/YQ.)'<8D&#C?,KGB/?'# D O0QFIRZ7M2SZ%<)\V M?/"3B\YUG! >XXS-33!2]MT@;"SS=3@[MSV VSO[+<%.N'B+7#9BHT?\M]3F M(O#:Z&T&
K"KZ$QR[O:9PI34+S,E$2%9DMT>;_EE\9-'HL?8/K,E43THYQ!= MBC"KT!?^8OJ1>*QV7U>DYP>4>Y;\3H\Z=\#Q6]3Q9NF"PC<],SY$V_"Y_7+]XY@?
D53SZ72<\J^5&/4OI8U8'O5XN6 MQN9)9XD6Q(8&XR@P&.]9RZ1^:*5RW'ZI<8EYY],+HJL-ZHU_?0NH8W.[EHR^ M3!\. %Z(6!UQ6G[G[_8.#JB@ZJ4!WLZ+
]J118$O"QF>W%VK8-,F"WGD;M4I*"E[N<96G MV+\[_IX'/ECA:X\Y!"=;_K#BPD ,'I#@.8::!)6++,N$E[>.PQ;]\R(EF@KU2D5G)_+IX+7@%.1ZV,. MLW9[*E[2.:?
%=AQBC_GN)AAIZ2$<;*&ISOL)-4H%-JRWHFI_<<__].G]IW-/ M,+1@;5("_)]+;NEOGA+]HGA+]S=Q34,BEJ.%U^TGBW,.?]7- M;-H"X+|[?DV-
Y/U66!&KS|&L+D3;\V|;

MP"#YW5]FB.'MX>HW|;87>D-?/(_KL2R>[]57T[WW!W#4?@'W.9P 7IBGNN M=WMZSR>^P45L/42S|E0 /]2CKKE%&X(#S6}C2MQ:G|>HH-@3RM4(EZVOPCE3 MBE1NY+Z*=JIK%'DV4]:]R_]*5?UH=:B02>/D6.5BI$;QYW1>0?RXK@$JJW.COMD9, ^&.9GU),LWQX<-MT:L8RU9-)=2K[AP"&XS$_8Y# IW3Q5"CSKIZ(FD%Z=EU;>3V5]KL@-M3>D=N\F)^?I[311K\%;-X+(6;,1$3CKK#6?/6G-1,/0YD\&A;/F99&/OT-MX^78:R$\U?OG#'G)*S?5:H$DV]F.- #UNY]4$5=:W!8YGZ,.!35WN__EL!N\1-MHAZ?X=0(}93C-^VJ>H|\(.M[%/+JO'iAL+0EE(15HD,\G-+W):6SVE=31#]464 W4-M*Q6(Y+5W!}>IZL_5U#CW4[;2?&F]K- >ZIOCP0G 0_@B#Q M,!BF]3K*@J#P6%3T4V:K*-MH^?_+;R'Q=3^!^AEA^GF,AP\7Y3(1VXKA6H>S[O$W&2Y% M/[[9-6")R//%G]+"P?2QP,IO9J%>$MD:$3/F0A? +Q'./=G0H)5DP="P(;9/] M2%9^P8? --KM? (E]EE$>X)&_,)YCA2M"+3"$#[?PN-BMRC^)38>L 0/NV3& M]Y>Y+!"K,QK\N16Y4&O$)*,L+//^/Q5R#JAO<%X^CQ?XT>KV* (#ZXI3&KT;Q M7@*$3TW-.NNTZV4_YF1G25GCR)6!,:%P>7)<;SX;6-J*8;_FX.EJ/B.J3%+--MPF4%ER?Z2&S*9R95F!G9G5_]_ZF*SG$U'6T?M8*S/;@M)P6#_^CI"IKHFG\ MYJN52 MORMQ)\KX!\1O[iC?2_3/0&MMIO_L6OL(:K< ML'YZ5>]Q2>^^CN*S$>M0,D+!>?3XS4?AKV7R:XC\)*[(CV%-C-,_11U.HCUNO/?4L[?XYCV8L6Y08EAPPQ9<@. M@2C5-8[=RS_3.1]5(;C#F[_88_C8N'0.LAP$IA 3'%2/76AKL>S^43B)]=_M\O23=[X< MT27!G=4^P L/G//H0X<)P4UXZC0PO\S-.@F;9&&8W@YWM%V3-[MC*SO2: (5&Y=2OBTO'G.GK\A&@K]-M/QB2!?Y$V!ENE!!P,V[D4C"W&.4T_@M$BU!.I]P[8(K)_G95U>1^ENO,P_Z7-MF.[V]-CO*K/IB(B<@Q,H'9+_NMI,4.PC!.MLQ2N_[I6Z4/? +06)+&6U&RTL"MSDG'3%&/+7;A1GW=$=]V7E=(JW-\+7;A1GW=3^5YIY^?MEF2GY)V M+G-\^"[?^A8(IT6=I(*U9W#1KYGV_1KKN0"?,7-T5^2UQ; M+IG"^=3]2SB=6-V"Z/G/X]4+K#_50X[GBF(K]-Q4:@51H_$WO^.O/R5X,+<=-M=^3S77LY^1U#.978.F/Y(HQ8V*5Y*2RSVW_>U%FXMH!EZVY[W)0.%,XZ5CZ M(:!C7H/.6ROWFPEXUV1A4L7|+"N$J>4;T])S &0BWZ$F.7N03 AO!KNQ,PX*.MM6!-R5PATG*5@R.R$"H_?^^J^Q)*5:(,-*RR.W4HY-_W'D%G,>0A$K0=RNN. M8VJ&>#AW(/A1ETM78I*N-KCXY"=IA1?HK\ V7E=L?_@(% ?8YWRBAI!D7:. MML!KZ[KKF\\MV+C#=^9J+K[^,>9ZJX,!<\,S^QO!3KU[\<*Q2[$TTU!FPX! MEX4X"'}:F*%LAN!#!4!3M$W_2;O7DZD:5MT?1,..GY=2%+D/9^4P6U6 MP# M"\H@VO)GXCH0QR?QN^0H9WLB<)_*N*4#":O%C#NI@^/)[QM<:1W!C(@/[(M0!9+H8(PD75$978=_@6"UJT&]]@'6V;39UXU=CH/KV96L;-A*<=WMV&K"W8_M"*L&AA[AG$##0B9B#]PEOXG/&F_.$4WP5QY_+/K)4_)+09%SXO>2^.3:SW8M MUBPOG(0IX6(03)CI\^%'1OIHMAQ63)3+4M^&O>]_M=\R/>0M>H+/C[Y>@3_]_2^MKJ"W%HOOSV0$]C=2ZGD!9_"H8=?*K5__QY M]MV^ZOI).ENST7*5,- A,6]N,D*R0=3:_?/D2B_"-MW0W;C\|>62:X8QW_@7^_ML7FX^_FS,FV'0*5Z>/\O4]H%Z4%!4H-:.#8NMUOT_M.5T[?&&_>$]RBSH#YI M=0G1DC\SV0+AHBG9KZL)PCMY;X7Y!*Z<5E.0T.?A#]DL=L^8UI?>8&%O.)E^_M#7=DHG3:^]0@&JL0*8K@UFD.L7M3$NUS:K3=\D^TS,.6FV?>,HEPV>A('8H+ MTTOU>5[R=N=V-TG"/^M"4B$NYG[!N-B[GG^T42FV'&SO"V'U:.85<"5:XS M?<^GX@,75B(12>,>AB MRN;9TD+;O-!VA<;_?R"@R'GPS[(K@VR#9;:(IV,7SC4UE5. M2E;'<&^6+2OI\[;JNAI-)57&?:/3T>4M^8?XP4UEQIO&+<(9G3NV*_F,IOD M!E+]IOE2[U'T'95NE!]_Z2D9LAU?]F9:F(3E-A2>-K2-.-V01#=^9(_'Z) MX8:3H\=ADBB)29@H^)HR^^PG:1EC'FJ6(M83.#HD-MD>76_<3!+L0Q|$7KCG[U6-5?54U3%[-U^GP%H7=/UR,P2O7PV5MDV8EF")B] M0$ZFYDKEF*F5J=I2%8P1()GA@5?I(WH.MK,P%PVQ8T:,+&R_]BDG3?!/P3<'-MHI3+'U.@;OO7*@7'W]'+83W;W%]VKGF=.P1;2K^B&6FS>2= MR-G\YL(3:6X M858=IJU%6.65U(ZOT[.'JL]RT>E2P0ZM\7VIHF=1A51KK3+/$=C6MEWR MP'QL*+U5L\/KJ5 1(CS]YN)9%*W6+]"_L?>] "_.:G;I,Z&Y?@="" M#1+6113L*E/^S&CIN';KG.8RDT/W#R,=/;$H1*S@_D85R8>@'A6P.(.X2N3,.M>HT.]+8Z<%AH/U4[>P@,]_.ILWBNZ(\>.ZYWT%+%,(TH/P0^!.*;]JX'-B@Q M^X!'CU5,?:YF/):#HL[>1S19^,0>!VL7NEY*HAUL$SQNE'WK3/>/;RQ4VTYOQ]?7_! P4$,?CL& MS3E"D<7;G^<0TAL]? 6+VSFS2N9285&G+S.ZH1Y+9I@^NOW/7!L<"H,A#)\A'8],K0845(,^+ MN*R%<#RYI63#;.^!@ZXC;&7:UGG:X>6$CFCW8Z1:9J5OT!#%GT^_9N>ASEW3 M'8-R+;KBZQ/ +^KB)5[VX5IA\9YW$MU6OMDVG(@V&QXZ;=5^"/"<]RD< MI7!YX'_:U@0(G(F4M(BQ:GKQD1^Q[8M@F4>/86KK-I7]\3 LXL3Q.IV*1?? MNQPUB?W!@K5*- KO2EC_SI2Y%LB:E#WYIOE!%VC\BGN28RD.@D^]ZAX@-I,G5 MC,LTM1^\;ZT;JQ'=TL]4NF&)-M5,2M!_)M=-!L]@7OI%:UYDZ\C_@*"?U;X&=2R:I,?!3>V\IJJ1S4SW9N\'2 MTPH.VML1^_=W0+...EGW42@8I9 X;?)RDG#[KG(H@+4C(+KCRI!'Q.G2*$#_]MY=?Z?=UU:'7&B.I_V;?@^AWSR"/(M-F*"(0Q\'SQU/NU:Y:-" {]G.KX8E8=,0O4/ZD(:L(*NU;GEZ2[US%U2_C'R M*72P9]@O^:#D9. BX;X/2;FWP&>4N/E&Y)DUL#,KPD;Z#O;M2UV/DPD+V M1:XKC[OCRK8D^\^8$0JB[MY?S#D89" [H2@]N300+=G%5'W^A%G24ZY!&I93\W-% MUL.W0KI<+(@ZPM,HZ]'H<\% 4B5#*26=\21N;PB:$RYUKS;OTIT0'1Q6%66GK M"BGK2''QW\@$N7<,;,87L>- ;V$@X1$%;%AY.1%2/P^"ASY5YUAZ_;4GCE>!G M?@\L\4ND1GD+)/)56CY> M5J%/(UX)]J2PM2.B,"'*12U'0|7C4>K?K3W5'GSP;)`]A=-=)ZG Y9KB0_.%] M/. & 6)O;- SR"+2R<5ZKNC/;5V+,4A=[^-A&.BGY#2M79/T2?Y?L3MTB4^02 M]>41S*\(V3YRK0Q5^G@1LY"%,U-=RV^:N*W9.I)2+S\5?Z<=XZC<6\ I1!X M7RU! (G#$FUAN,*ZEX98#V'AS>/,1]>PU#F6!"KG"<&-A),SY&+/%#VOVJ$C(M%.)#ZH;X J,#XC&.Q_40B$Y=X[QI)H0FOH,-4Y]]=VDH?;F=6QG4MV5AIL[W M9_ Z& (9/MNT2]$G81ND4VX.O3&,6*R>DJPT;ZD\I.T71#Z[[(0$ IQ=#>O\6 M@K(:@PV3V?(K&=71MX*U:\L4D4_D@7.=)^E^EQ[MQL-HSXH(9)#(WV&5_M;] [TRLI@WI#*_;OR^7=@H^"]3NGX(>!U=&[B0>4E]V8!RGEB(\48+#S/4*M& MZM-6NV:_%S*$;$I_P4JKR%8+9P_V(130(PW]R4?+!P)>$W,$8(]-AS7B]Y-% M?:JG>R#3T2.9DK657/O,:<'#ZL*N!I?]X5R(O>]X_[3);*(8O%N(8*,HD+[(-*:^P M;%9/]"/>6S/,Z^I8 L%:\C%;M5/#9M;M5[=:I=0MN_!4K(B\?UZ ML3%G3D!0\4S_6!QD9+_/ZFKH46@B9I)A5:/5TVAYK4?/M3&?NF:D(IE M\T*V&9[\T!&Y;"#,"_+\(=QNEA1=A:R7.M1?\; A\S+O2-V_776)C^\?]-)4 M<8)C8$K N;=;NN;'OW.SN(M'2U[+9T6B\(\"88[WB/T; Q\D5,B0C^>6=S_6W M%)C^6/WH1&X?00N=:?1H_K$F_46OQS='_N M?UYK2O>3QTIHO?:G]:X("6\& M=]O0C=>EH+B(]XN_L EF;]R*4/!1E?@'CI^AS"Y6;-Y+& P"L'X?:Q99"U3J;_44U!G<]>H-.F99$2VAAFSE%*G M'E.@,D)Y#:/C_5UPXL",_^:KOB:CHP MS&UT=R@B[,W7OFPK#3*,AH* (:\3N=3*LD\IA'>Y7*:.9Y7!(_@4&&&L2&8 ML70X3 2\0VK'0RF[MOB\0N)!MR 7\1!(?@0FS\Q>N>!1L'P4Y:)2!ZK[FT M)L;LU(^L2#Y0HDTC/IK5!;VAB(P[DP8C'Q2[)07!UJ85F,T*]C8DG;^A3^AWVS$A*KT]:YEMLDK[XL6#1'NRV(1-MXW7Y!.SX#$ A4W/A=Z$) <"Z8RO01ABT)"!A7W50<|>9K5QS(Z/82K_TQW8%H MN)S<[)JB%*3^M3M2:$_Z/ZCV8;\N3)_:&=FEL9.2J!1#23]DDM1>R(VG&:@G M]3&ZUPZ!$^$&.H&QW0+8T7.4(ZH3F8$2(6%.#H&D>5'J.YI *.6RSQ2KB2L";"-_@UI^#*]<;?? _)7ZB=MI0/IM4#-1X'RA'SH^L]"F>_R,"9U+>CEG^$=BR/*&E)9S8'J7&QW1TF..9R7)$S M)[C87C*,OY.URI;? 6<5U.Q@)'"">&MN>+P@1_,K"23)\$/;]7R"9> M=4,!^SPD1\4- M&?ID5@;2M>%LJ+G%EA0^@=7/.#L&(_4:=HZYH3GC$[9/%? MMG?*7BHJ_JXLZM.XML?D;7ECR.J M"@!%BKC29O+>+<_&A02J'^NW!WC7N4-_[M6MI,C!2, [!!AHOBHEHU$]-J3T$ M(S\YA5=\\#41^/K8ZR+;,!73+KD?=QM32D:/?OID'L'Y L"E)DO|S*E$>|-MC!OGMGF7<&?D5W 1K<|C=2&;5]D6K@U1&Y_*M[PM3$*\1D#A;@N,M!$'ND_$ M_.1'"[5W+N[*;^%/G[__IIN[79IS G])&1_!D #2TUBG%^W-\>:=YC&X:FC, MD-[;_:=3D%*20HSCLXZI6J:6S>4A \!=D_9O3A\?FKU8$(^'!'5QB4-D?^WY M2K0ZT8_%(W^O@_Y2491H-@0TTIYZL;H@3VZM?D.#LKT8+:,QM3PI(JLS26= M8&ZNV3^EL?(WB2Y#*@? AR!S3S4;(R[PBR& (!U#0.P@?&*:&%_!G_G@;1T_MJ,ZZ/+C!K:7B]#$VP\ AY000I+ V=Y*.MZ;::\K_+GJW?)U=E!ECMATW?3637S[O:E=H5KRY)9P-6C%;$[M4 #U$9_]#PSJG"%D6)EQ7[C[XSG\[?R[/+)(TQV*-3(%T2KW-(W,N?627X M;) (;+$[("C)9U=]S4I4(4WR&-PX!TW+;KW\,LO[4Z$(?XP1ITA0CT.3(\YKG! M45=BW[7G[]VP\|'(D/;>I&HBR\2 C^;IT< IV#V_BEX($X7[H290ERCYNR=-MU38D7)0@03I-G=C60S]BO\CKY_8SR'U+S\?)6,%:6A!84>-#$=N04L@/$7(/) MGL(Y"2Y,|VQ&LJ]^V?5M?!!ZKX'UWZ7YQ07PC&%BLP;J,JDVB@C!(V(#1.!F MI"O8%^_-*B^IIK13LI+2K@Q7!.F>79QOS=)MOVO>]++8 PD'-^*LTRW)DI1"> M2T/I/K_Z/E1Z">Y]C'G^QO$NDEYA9-3;P!"9+=>-A_9'QI3_;\"9!43$0=\ MD3!QM8.H?6?K;>CI;1T@99.A9%CQ)Z).E1A$.46_F$]14YB>'^TB7_.9;^(1-M8OA/7).? K#@_A13^5MC@>DN_E6QB7C=>?5.]5)\=:O+VN<#K!RE)K)7Y=UFP M_9!P.-'H69.R*6%GE^!0XT-.Q-EP+ T6N).^?%4IUG%B7S&-P?-8P2.[;==6 M+:;.^7X? AA:I!SV$J5* (:K]ATSVC^M;[$*A2O?^R;E:L34N],3R#*L6[K4(G M?,'0AU7_I)?PF5>G5*[SWF8'F)P2!HB3,8_,&=>\BI$8P[$]>57[95L=M7%Y M/.??.T_% 25CR9=^9EZ6_^Z)> (7UO/GCCV@AAC&FZYU.>75FM[-'W4"|Z1/V ME6^ZWS]#:<4&NKQ+#:H&D>5'J.YI *.6RSQ2KB2L";"-_@UI^#*]<;?? _)7ZB=MI0/IM4#-1X'RA'SH^L]"F>_R, "9U+>CEG^$=BR/*&E)9S8'J7&QW1TF..9R7)$S M)[C87C*,OY.URI;? 6<5U.Q@)'"">&MN>+P@1_,K"23)\$/;]7R"9> M=4,!^SPD1\4-

*!A>DDSWHG,.N_J,!H5)WPOS3O22/A&$Q]HDRO361W3R/R0D-MZ$,IBZ1\9FEDS7,4^RF]^2FO;C\|+?O[VF[ABG;5E8T53\QSX52*X?/B[^N,;VAIW[^>,:F!3A-T,KIQX%%U4AUROUG-M.CG)O7'+>9F_[5=V:"9W+!PZI<(7/U:6%?Q';W>5G8#-/9HZA3W7NMI8M8=B-M:P!7/-6@,GK6D[K3,%?F\BS;56I^H*%K?Y;PLC@JR}^,RXHSR<865"1[U;8-MZN\1PMLCW,T>,>-<_M!E-,S+C"(XR3|QR*9S|-3KEY,%8*:M?S,14H;^ME,]- M?YU-_#+:SVU@6[9*@3_!2,Z+!;Z;+9OP\,^54F*|-N55R\%>&KJ4CN_1^D- M]__CX|N_\!2^^PO|M8+!&_P-02P,$% @-@3YG65KN5_28D8R9MR1^(A+;LVX\AXZB M>A<-3X_4B*2!1M,=97-DWL?OO=]C6*!W8=>U0]0#*M?/1*!ETB,=]M2OZDNC7FE<;B8X37ZMWI?S%,K.? M'9?XRP'!4D*1\U]E*"&7(.G0"NKT]):DGRX58T<#?C+ZY:T]TP#14>0;GSNY-MKPY-H-* !,OOL%V2$O69Y&0;#9A_I#M(O;/M*;-G3@.L#?%Z7(:P,M"1O\2) MW"LT@-WCV .'"*SMDAYBZ6.KI@QL*!ZW9I>]HH](TJTY=TB4! (PF5NF48E M;BOFF7IA% 33#AAQ_80?.)N*DV)K3[\pR;[%O-_"V"Z$K*)?^URs-A@DMU&T-_MK9Q9]=N07HC#,G/)Z7(>-67*8GBJB;@V(S;G!./IZ>E,H #8E554U6K]F" M;)FG(.5 MBDI&*$<#-^YUD9 PTZ7;..>M??EE">R%ASR*RE;141(EPIG_;T;[$_]9E,*M MY_38OUE(C6$B%56#) VBB_HKY9 U.86R:P7,X%=T%3:/\)Z$%SBWA[^^>C8T M8-VB?K)W^_H$1Q.\HU_.PG0>SV#ZPPAHKK_"F@-A @<-2%S#$$Y\H3K.#).0R+;B M69D#RAL:<(T;B_H43TZUI0&?;%NW;Q.PXR2JIALSN.$Y.'0]EXU4.EO^>0O723&4>YIT M[FZ'4"@-\'\:M!]6_3G_-G?VK)&%20>*-K! M3]P6AYVZ-.#. _D22(U"_3-O=$C75?N U^(TP!732P-04T%B/$]DJV&',EO^ M4!ECZWG)#W"8YCJ9]0!&8]++ -^:W?ZELSU[2? V4K)=!SA7HK'OJ\+]M90 ,2 MF ,'?<7SN4Q>APSSV.P_8 _^2^>8U'_'BZ7."IY>-1URR^HO'S>9EFS!FH-I(+R7+RO$&^62_0SI?a\|'^=S!GS3 'K3RB@1O'?"0H)^B M@A'#Z4S?4>6,_&>CFX0N6!5>+WX3:$H#A215)%8>@22T<&(<_ [>)EF:<<* M@U-.24Z<6*Q<2-9QF39S%GM?K1Q4K?'?**O\)=.DVNOPL0:"_$"9. M!I:(J/4,,Q\?K@B)PNH2ARD'^<2T\+JYC^=.+XJ:O#SS'NS7VV$DW M?BV^S$DG5D9MRXJZ@"Y'2#NL]NYJVX&XH2R2_0$^2PA,@YKOW58%.:E/;5E] MMT;D/B>\U!#4U(&\03$@'=TXR*.53&{:4KEGOI3WJZS-7*75N@:&S@Q3J@<&G!";37PW3UG_B)_T.B!J=C3J;C1

(K+,F,.+KTQAS[@8K?L[1Z>X;UU1>=D:2 ,[MPN9<)3\29_'IJP3+(069(W"U?H5Q255GW@VTV)>0KL!4N_OT)S5$PMK%46]B

*MZ&"@I8/=ED/Z%71,*W$M+IFKE5KSO;4RNV4YD#!4WTQ!! MK\YQR6C>===>:<+U\D?LJ5798"KIZ5-:K3FHI0H&M"#&?P]5:@F?S8L:X)>3=R M>*

I"2WB3XY4O<[QV2!ZZ?X&O&,#9;^'U=1BN'FV8X(3IQ2HS2/8;0IDG7|\M(Z,F^>=@VYBS-E M\3?8IHH1 -*

*&!:,%35X=H@*Y2)XEIKC5<,.Y\3:*NME#\XR>%A|K&A5S8WNT8 M^(35S%|IS_E`\,L%DMH=T<7]<0K0TUN8L(!['^\|#/EW!MU^,>F)L[8I)=,[M4LE5#SPV-*

*AC$M!$;BO#@QT5M@M6=(>/3_' 7_Z\>E<7NIY0*U?]1^8BV%-/BW=^V1KIN8*BHA?E]Z*<& MV5*K>/V+%_]%&Q7*.4&3KC](7/$_/^/O(LP]E\=7,/"/?168H2.24P'VC :4*

MZ=6GSA9;_""U(BX>#1Q}XGK:]%-L.."1-^]!1\(XF.\M8?'7V+_16T_<,KQTO,@FY<#;DI:;5X&ZW;A//]<5[Y@=

M=6O[_@=!C$/(B03+@[_:D%&OK&RZ'+^4IY*8-,[T=C3N#$(Q0%-DAV;US< M47O9IM0#.Q9OZ53ID'1_0_W$QT.ORXX^_ 0OON(.?+,VF77^DW0F-U2PGT*

*M8N]+W+"F690DW&(S=+1UU.M-=1EU[1(R%T!HKD#[G-)C!]=ED)=F(LA;3**K|/BKG@6AW1,B6AB87]*WW[ST`M^7>#/WI=|"/2#GX,7SO:LG[E%G)SX7*

*71PO["EN1SN/Q9=0?&9>19NO]U(,. M%\AB`'&_]^^8!OY0O{#R'!;3&YB12}M=1.L2BXP[*HV8F9_.E'O#_=Q;!F1. MZDQEV)R$_'>K<3!DRIR)V@DS'Y[CF_#WY"_LV;Y%*

*(M=M/[A/`XJ_1TF@3^QC< M_[WYYN^%66GG"`*J=\HY\++:WUC7]V-PW("W6CI-3]J&4G3-.).0@9'5KF 9H M'0?(XW^G70*RT8XJ0KEH*W]^.Y3WQ\.I"8L.;"J7L(_-5IU,2*

*M:Q/#@^IFKN7PJC.7C!-JB+I82%0&=V]HHT\6$5DN9;.H$Y[!*8IW M0[O2>;;]RI>1 M04WFW$ZUSDPS3Z.>2K6FKVP?+9,DK.?SO6I\=)=R/24OJ/[:IGZH@-\8_4Z<(TN-*

MLE3Z:AC;;>!Z"(GXX MF#S^]N)5,C1/S$PG+]B*[MHFL[+X*,L.FJ6F(J-EP3+P]>.J+R^B=+(@*3'HC M&$[Z,P1 1V?Q7K&"UF*HA2O)3]NAX'L=:,KY[.C)*

(N^_2WKK@,2E7E;R X_ MOKA1'#6WX@KY7M^,3D#.H-S72_%-KWD=I8;5B9S(V"!O6)S]OO[_E\<7__E M\7E,11A]'&:./YFN-6:.^*@Y&P?H?2Q!9M@093,HO!DSA{]^&".?

<!WQU]>!FD-PMI[_TO^] MD=R$L-& !G6XN\!%!?]4TUB.C$G%K77#^"_ G?H C\&B#0TH]@RML#.2781Z? MOEWW>,

*V<=&W&OH0D_B3:8&UKK;*4^3RS>T[BRP"3N:O2736FX>\-OU"Z.*(*

MU^91I^XSE%%7Z>Y.EPTAO0+M.5AN:L!>XV8H897[4!$D\!QD)N*I,!W*7&]J"I_'@JZ/3U0KZ#S68OX\;A0O)5I:W/+ M^9&YNG/L/F%>#9] Y*CPB7V8\|H!W<;*

*<*K'P_9E5(-3!W*S8(<& &-9:OE' MG\JZ.9;,>H :Y;\H^HARG^%#Y4;A74C7G -.#^_\LT=C=1?!M2Y| MP%<5]IVD59XZ3#=B"F-_U[,Y*R3U5W8427#^]-IG(44KJ+Q$++IRO*

*MP1?OOI<.#UI.%TRS\0#\DF$@TX.%ZL.]1M'!??$>MD+!\N-W!R2R78J3$5K'Q ML%PE5*27%#A*B8,@]/7DS38/SJ1RXET^]5Q>P?2J#M!6 M"?/XBS/LA .!*

*[M^GD+84#@:3L/.BC0*4LO(E$]'+`*E.2<(F*@MC]QS'=FDYTG M#[V7O>3[?/LGJ__&XT.$RSJD?1'&0>V$7T"QY!NR<_'X1F9?I-W/*E1KKH_" MF4^_??*

**R3I$T82LQ;U5+U$}D^P^#!W/E/0\G3]YO>8?-]5480=#5VN]2+X M-2'HYQ-T!@R479K')LCDSXC],?=C@.O;-8TS*_N";;@'G,>A-]=1_1>%605C MS:<(>'58OT81$D*?*

H,-2F"'H0H%0'Z8:2-X,Y\U'^5 91\F1) P;1Y=`OKLC M@U.2BYH_!E2+!]^,>8E;NC1)B6XK]!W-@+?/G'8IQ__ U'RE^NS8Y8,V3YZ/`M(!8Q'@-.N)@3 _!0 MAB(TR/O>/_T8/WO(:

29KO48 M8"_)X5_RO!2_R_RU-%!9V4;>M=R.:G@"GX,-8X;?&@T?RDZ;;.E6.XURZ)4B M1Z\(W-9K^K{/|@3%2GKQ1]D5CC:B.96TYY6CFZ NXAQ4 84'M& W-KRUPX#,5-

!&&6DJ+R[3T5 MAQY7ANY?5QJ^TMLA=;'>MNCV'O+SNLX]@DK!?!@"_ B=VOF$:@HMH&[O@H,+ M;@Q]NW%CT$EV^+)(JV\HY4A8@CIS)3]DKDWR)3CW)#]43G;$;!&-

/QR'Z\3 M>0)E2TAH0K.0E5$Dx>|2TS41=<(=CF0X_QJYUHR+P0"H/QH&4IEPC7'CW MS9<[#QR'RCS70#Y(9)BWDA+$5S1'2)?HUC,LRTL]VX+322!^ C29;HAKH*

MFRM_RD5X]<'6#XX!]8>I@M"T"&UIE"$1^.6+X2S\$MP?H:8UUV%)Y=X&U!"MG(JB%(=#%!0B(@W!G%!09T*K")?W7Q"._4T(*;\(@;4CAS3:VQ]36JMC .I:^!A@B\P#+V0>*

YR]A9L5G:=G7P\6 MBN\?;84D'(TL"@)@-W5-8#<&C@%%9.V\U4E/2N2VHS\JF0>YF[_Y{\!@=2\3 M69" #)/!:FQ,:B$[#=B]SM@^:G"T]A.3 LK2#\;.:@1=,PFG&4F>2]QISO(

*MYY+39C0PH$'R5H(X[Z5HV]PM[%[04]2.B2.(W$5ME)V]0*X^2+H%+R4 Q;E2 M8[+/^\S<;+T;+$<"*R+@'3D1]<,ND!7Q2BK^"0'NRDH/P-@U1QM;W2W^1;0) M@%R*_U-*

E4.54,:ME.3G:l.3+F3$PE>NCF9[>^TK$_.PXA$TJ3Fl;R-^#!#W MX/Z*:1NGY$@&M#EN(B)1!Q .M=QT_C5M7"(7$6)-UK=KHL_>GEQLJ@1423&. M(1+2)A#?*

JQ'SL+3+W!'R0NK?Y$3^S>)=(0,#X$&+Yl.&C"B89=7;]S?-6RU?R M6XC/,A\O;2[>Q_.+UHXHL<%2PG!,XXQ6[&Z7#_.08D.I(^P)OXATC\>.LM+S M';?H=D"//S^_G_XC"

!7/:$(T.VFQV3D5B+!= 9'<@XLT?X3;??UG3/>5]^QA@ MAWXIS6N>K>:HV;JD*1R'X7W0]+&PKQ@42!NKW%/1I2T\|:1&GE, !#A$Y0F]7 M+3_ON5E$-

(6%D3=@'XA^^TY$ZWG]9[9SW>+C/BP0=>>O?DMZ8WE'Z);>0%H: M3'>\|\OF[:=^,Z*UPQECS.KW(-O+Y1$YAB#<[,)&[//!TG!$-

@D[2X"-.9<%G6'KT&""Q2MF@!&$<21\@FJ$2>0!!JTC:2!=Z@-.143(37M\0":RJ'D'@X9S1XWY=H%;J;NS#VT#EY M#[YHW9.;8K5@ZT\%0FS<'7;&'GW55\8G<;D"($*

M^3;R6J>4- M$Y=F_USN6%.X'PK*PLLW=2-6@D,I+?/^9PY.4BIR3&]0*G?Z;E)$F3VO9^GI MF@UX]IE+Q2Z&UB@DQ0^ ..&%8M-SF!(-@57+NK&#M6- !\-

OHY@GF@NQFFI:CH[BN-]R^&OQ/BD:7)(&5]X MLN.!]*%WN]@&\1)"MH$1=#^[1/8S.VHY]?9M&RYJQI%Y/4"EV.'U2;?D62] M)_I$33B[PM_Q7$?D=M*

*T1)3)+N2DM\/@/**)Q*NB\1!;7"$UK3.&8GRX<&0+ M?L>VG1"NI"D?!M7*<1BTX4[4N@Z(G/O.W(@6_NT&,6ONS-9.2*,6PM(3 MYE%Y01$J->AG?+04)O,OCP&^G1\P,?_U-,*

*<3^J8PZ!3P]7WI4_H,HB%V- 1Z MYQ>HBL.XU$+ :#AS 3.=U&;SUJBZV$?8SOK&&-5>@_@2D"' MPTW72 WN0[+8*ZEQ-#_-CJOT'JK5A:*IM' %8)* MP-*

*(448*O#3!!D)8_5E%-IWSF25O}5ISPKY'E .HU[X\-&^ 2V2O6[WB2[9F(.M4>13>)?T,W51C>C2S+B1=N@]QS|=WF##*Fl])@P/U!(&O=@)?\70F,+%UZM_ M##*|;\-*

*G#R!SBZI3S[S_<*O2&/\>W?M,G0GWSR)SYWF4ZW=A_FS>2DTEY705M M@-R=/0LUZC\OfWGD$KR[@XA7.SYO$VX#9Y&[$\)YU2,);(;O"GKUEXC'Z4M9?Q*

*MZ7DTYG"JVR7%-4]X|MZF5ZHCK@BJ'51@A^;WZH^!H#7WR[G+>Q9%@C_1E_& M.(*JB_%XK5;$=>=Y)B[!-.R7/WL,!.TZ13^.BW.*YI*M.]<(E>@)<.5*#L7\X6 M&(V>*

*[_GKQ9>-H2(%#_^CE72P*MI]\K(M7ECG2SAC7E=B$ IH2^VP6+=P(LFO MPL=#WPR4^\QTS88!EDHM3OA#/YK()NESLV76(>0'G2(J8B<^7@:+]^8C#?*

V659^7I90(9+QSW953Y> M2@+LAG>R?1G>B5(-Q S)35C/LL2!/W]G%DM#I>&WR)/V'?0YC 7 "B(N(4R_3C M8E5N+1"/]'KF5PH .3C+1.V

*,-0JE*7C, ^0'(G\Y2&NZ(7Z6L)$#/"\T`] J+M)VNQ.|XN#?B^!#P!T_$6Z7,"5E;(&1#'65PDSUF)EH#FD76*2*G*V/%#5%,P:%N3-^G0U|@_\?WE. MRZ3C/'-@[2Z?*

H))%DN2A=9:)EL0QX,!&E!\|\..P#_@M03J/H@\YHYJ<9#X4S(>'?VVB2;MIZ7$(Y#>K9OK MI'[ID3 FY8]5?Q5A5JF\E# 4F]T=+G-VK%&<+#XN#?(S\4HIZ^#J9LV_9/21[

*MXF'IQA=GG69W"WQ)D[>F5PF.O\'Y XP_[V?XA9B\GT+CNB7ZIX21HG3.&];R M8WU1'I^N@H.1CU(U0A):!Y36$D?XP RO*0\K\.BF8T! ^;MM9?DF%'M%L(MC*

*M>2CCBUMD0D==6HWTD+9&V2&?DZ/O_#'22WT7+1=]PYOICO.(<8:DMH7+ME(.\GMETKV!W<|#=;ND$3Y6.5&U5&FL%=E)%)G<'R;V*67ZZQP"F<{IK5(V5 M!-*

K<,RS.%47]Jy$5"AQVN4N:B.U6J3(%!SPO,W M:FY8K:[;YF&G!ODC^Y!%?]589!=I)%\&9S7WSS,>=BGS0QSB_%UWP$O-2=UI

*M=5SNIGI4'KU=#83BL"CTC>_:/O$ECT_R(C.)SG,/UB]++%CB{I= MG!R_.U#%5_G4^V 5H@N5^,.SWC7-,/W9\+*S2N(VKMH9MZM]+%=L<@O.*2TZ?:*

*(OU8M$YDZ%*U+IQ%*& &$0<0IEX=.;2'PA@B<46YVP MH+6?Z@=\;QE^H10&IHB7]O00\\7[QE+T?CZ'B%U7P1/6/RU-TE+F'$T&4^K*) MM1FE01E4'-*

*MO?'V=!K";FC3A7CY(KP;M!*EDVN:;FAD7T9*B09O7;)@'N=ALY]8KP1"!;4VD MQ/-U#$3NNMZ^?W+/GY7BP>CO4H'+E;I=O KTU=A(BQMV4W3LDI7N$F1JW<8=K+ M*

C;H2"76_ MPQ<4+++4?V\=W 8KU\7"+F=9ZZR&3(^[5[",4%R9=O*:IK*VJY@_CH->BYWYF M4C=K ,T2YC!D PWYNIM?U%5CFW([I:>S43$'(6H]N4YT-*

_OEEWJP2&A,$R[UH/W2C/O!A!]<*!5__=8IY$,N$_I=E'NJ6/-MK ;=E#,RR3&7^ TSB-6Y EEC:"G0KPVS7&?!GSU*J2"?'16')"+2_V?N%?79W MG-[.PVK39.[<_$V.C"(%=6*

*P\CD^&|>=O^W:,:0 ,_R=QZ(D.SVVZ#339 M%&A6V4V!F).OA>R-8_YP"3?UU^A2IFEK/QXT7]H0$HW]IO/(Z+>FXO(#*YIX4 M,%%N]_YD]Z+?*

*VO**PFT&G0+HCCDR0.4F,;G1CS^4.#.A2:ZQ>*?6IEUA"OV^ MQ;VO>,2Q*S5\"A(=|TAF7<(DNEH)32.5%RSZI&&%E]DM8IIVXVBAU+.5# !2*

*M7^H;GWG&7>3YZK*D3HR67W#&!^^Q]!,1.!O+H8L^9]";9!#I@9UB:[N'T4)_ MH0YW\L'G6"K^"C"XK<[=0H)H.X<(2_+5S+L^[)\'RCNFN\>= .N62*

M%W(RX^8T.A2MZ=+YB-1FY/;2@R',B\+KIC2\!6R!#/[AYA!U2@?G9U&M)"G M'>^OWNW=AQ4$Q*(912,R4@<G]S:'=S3"47S$V'G XN]%%962*

$%'0/*O@:3.#/A@4[I$:9KWYW_,@&6K&@ ML?>/ 9_2.?2!NS$U P>Z%>_;2.+7 \'O.G)2XFY7U47KAL7JFNL.P<_0:.G& MW%#2>%DH^I_-?^W#/I$

MJ#XE%2i(B#49E)5D$5R(L2?(W& KI>HIEM#MO"'>VVW@U.:!3Q*5T|O0T9@H M_3@Z-EIPF[N#)]NWVWO(KED6Z$."2WBZW=[6Y76NWP\VM[>V,A.E4_#YS0S[>

6SXJ+]M4'O0&%XZHOKVP4WIXGE=><"@NE\6U/.3.=!QOJOW5C!U*UV^L?!75QO M8YY(<8(P;@\'>)S]*SO H(1AX>SS;2!%+2.X"1LL>?*

E3S]T6O413\#X#V)TB#>@6@+1*WQG?/G;.MQR(0$*!Q$7CP$K'@LS A0T2MPQ^N?X M]*H*L&&Q=!++04A>5:D.Y!9'OI^7XBG,Z#O9'ZX>I'H^[.)[YH.,1T=/>L=B*

*M9AT.F6P#0F&5!P\;=L)?P!5!>I5QE9P7D!:ZRW^VP42T[53VC9].*9&TT%__M=E5.U_$_>W1)LCTCH]SX4NGXB8&##B^5]QH":?=8#0<@C/ 7L\&I=[:=RRHQ*

*M>.>O8%E%TT6D*2;=)_]4S+IX?B*?1#1$3 :497\6$5D.8]>E!3.DE;Q4S7B MB%VKBJ2@3 N%*.3=S&K2WB[RO#%4Q#$'FF>7UDJ-Z=0(A);U15 E%^2"HLIMX*

M&)\'=_2"2;2/BO4+.64.X0E4'=\3Y&]SQTAM-7F^[L:5[]82I$!99]5_TPE MM%6.0_375,0&W&W7]?WO%?VH@(PQ_0Q\K3;446S%]F[PRI/%G@0]/L8@<'#I MK.5#)1FRY3M*

*XC#_D6E=#G D?2EQ/V!LD]R4W4*WA$XS2/L=V$,V*>=.D8 M((.S>BYU:0]fY'F@(/LM#_ HH0BK)'_T5OIP_Q5SOO=5OT'83_QVHF6%OXYR_ M$ /G>OE&XQSWSG,O6]-*

BO0IQ6IO'XZ/QTG+;+$X\VVI,U*.IY'GT&D<)B-S292 M:,K\V%_NIAOZ)NH,/XV_SHE<$;K6V3"7;O356K< U48V=]H\]@)N6H]$$OI

*M[[.]D3/NX:^8P*G@*Y$IR4RTV(%\YASM+*>_<(=)Y>/0*)A A\WZB.^9<1)N MS&5'%EK:5(1[J9TIX-^Z1.FOWWQSR*)8+H?-@2%\"3I! WOF@,N!-EVR:RO M-/L/'P-L8 *

*I2"ZD+6/=V2H\,4H<1O0-/.RRNI@S\04 MZ#EI&-3&'^T_V]&ZT!%YN<[ES1S16YF M[<&DQ@>IBU$S\]2=MF)+8T2)[7OX/#/1[\(486-(]HW$XM1- R78*GP+D;RV*

M5)N,M0T[!LR+$NHZ'Y#R2\]D331\;KI)QQ'*?30#RMW2XX4BQMF2@HN0H .S9 MZ8HV:!(ZB$?NWJ9-JU9ZXO^3:AOJ@S[+\|;_]@Z4G=M -%R7.S2E+"H!FPW;*

M64JL6KJ2,K.B;%2N#39W14T;N\[J?9JCGO(<#>_.7O(VQ!@DB&>\&?=D_X7< MRG=..-Q#PE7FB"-$\N3V=0O6Y@D\Z6,/%EUY>/7HH|,^(-XK M%#}8-;1#T F?

*XMF5AQ*6:#B(@T"%U_0'S@NS@8C2CBBJ#SGA*L&GA1D?>] M#Y0HO; 6^#6G^$XQ_JGR^HH+ QE*$]:5 .YOFZ0USJ9'G(+=W69>M3M)OP*

*M4_"V;IZ\'K^P*N_4%NL7H.>/*1ZJPSO?E6YVFKI=$7%^_ 8D'H,\,\50AD'.M%?PT0W:1H[K60+NS&(Z-G3G)4)!@:WIZFTO.8WFX@WV&JH(\|?/LYK*F/?A/0;>'&.(!<^*U"I*

M3SH&]+3U&G.N!X^ $GW@T3O;'#3/@_P!0<6G(X<)_Y%$/Z"XBQ?C@SG/VR^8 M1 /\1IP>K5NWVV>_ 8M55>_KA?W6B4(?8O]>'+]NYVP@P3*%VRXLKU<=$'K#&W6 M-*

TU8O:C=.G#PSZ3E?$S0RO^>*>+_O4$O2=!H3&\#?B#KS%-J$'J#$N+I^>!'I HUYCGQL !,(F+SS^K7X MCF)'<6QS)?AC -8KW%U?1^+1UHR?1RL@$#+32M|O

*MQMR(JKB6E[*ANQ0F.-Z[5<9\@:/R#H*::&@#>;H?S?*;NAKW038I +8<+:, M:&M$")Q5*?E3/RV@0,93?YHD[\ Y,^V#*

*[CH/ES#?O[/D6QUI6%!&\]7CF1@0'[*F\)Q0RMAMV3^Q??]K(/A@X?7U8T!], +(/'#!;!'RG MQ+%H[AVR1(C/,L.L^B%^O]XM@.O'W^_B_RNO1\PUZT*YQ8O&RSX85YL;-R:*

*MDZ;,QOJ"N=VPU![G'F8FXX.8I*C=UG?V)LF7Y+0IT#1TECF@%G\DRLVVRY*.M<&1P0J"B1427/|?1O%V[?AKC]9KM7*G?W95Z90 MJZ(OQ9?ASX%^ZNLL!.]?*

*#D#+0TSIRFTN*4?;W.ZELQZ!;,6<"G^Rj"V'((1 M&MO35;S^S,A,$F_M-;4K;HJ1_5:X\"NB<(%Z>/B,K.U671&Z)V[HMO5.O@8 MT"6"TC\&K%-EH[7,E905_<0?YEID:O_),P-*

O_YNZAO3OWJE[@^TLB_)4V8UH M1 Z-%;-RYK#^WECCX>P$!N+21^>,FO"7;6J]H&A,R6?C?U04ZB0^S"WZ99-W MVN?93Q49#2%),4W[;28N4>*PG]9D-.[D-*

$7N8K>=CCGAO5)7U0>P*H"7P; M-W.V<]U"&-1\UCLX>K@7S^Q2"TN)2H"Z$.A,B0%YW)17N&S+:%,0=@L#8EX- MM[?FUB';V\'?S=_!7QJC(/:

[32!V:],J*O87&W*%@165K=P.*D@0^8]LD MW]Q 6\S3@O.GS_O_NHI-$8U NHIF9[!]M>DU1UD7%5R0W;/X(]N HZ)'"50- M\Y0OY'"5H_@I9|2WI9+=Q.?*

M\9WW&>]Z3=3R6AA8!MZE,7US+2,(^|8(-[[M3+R1XGB94SD>V;<+#E4!04YY7]]>.WF!RH.DFUQ9X1L#RG0:I_ LQX-UHV!X: MHE0X#%VA93Y7G+EZ4$LOXF-

#8A%DF]MP+!_)0G;J##;.^!XY&F.(:CP&7E.[- M[>MFK4EI !3D!J $(/'B]O@<|_J^MK6PZEO'A@UPRWF)@_H MCAK/RK''G:16)SF(Q_X1(B0VU4,S[_6EV*>4:]S>TC1*

*6]3OGD_DVCNQK_ M*O_H<5O3L:KAWT>;SRCC%EK"4G* U-CT]JVKG4"[SOEET##2B"2 MAB.7<[M'GMV>'3W?&RN%H 6YB@65LI7YM^<-SLU\FC"O]F\3?RW.(H[*

@@.E%$9W[P2+L\Y!&I4F7RT##L,^2X_),2N#@I##.N>A3_%M$?P7 M)R'JL>URR7?J6513QY3DY{1=(9?@-A $;_EYF@SPS64+&!F?U? !AO1A_@<

MONT9(#R"&J5ON1B7'A90.S+K15;8&=ZV%[=[1-4A]_:$@8)Q!>1&6X!^T] MUS;9=ZQ-K7D>_,4?I[*F#A2!NM0X\S DU'IL3#8_Q!^WYS?<&PN?/XYF#2I6_*

MX50RJ,6C=1/0PE!WRG361%4";1O;RLNN;OKOUI.R?D\![8)Q]>1&6X!^T] MUS,9=ZQ-K7D>_,4?I[*F#A2!NM0X\S DU'IL3#8_Q!^WYS?<&PN?/XYF#2I6_*

*M*P>$W]2L^/'YZ@RJD-/-&U;(!L2 M/0H<7%=+UCT7D4DM B^R/).MNOGJ52_?%+E[]>(3QUV++=PR@133Q!C/NA_]) MA?K;MYL:DJ.91VRQ$--FV.-V<|K\B"9SDBK/GPS$*

MO;D[/ZS_]GT+ /:C'W(6WB!Y!RN4P=4-0)K@5BQ[E)++:E\H7>~>]B%6#EV M&=PY&V=(]UN#3@PPQ6-CPS(*=I&,@ER$S[^)2E,0,'9'C<869]0+]1&2T*

M;&;>H_8LH1[#D]Q!KRV#U0#A20!29"BYFC@-;H40A;;"E,YA;\!N$L,P%4W3 M%L> #<6>1(RQP+?A(KY[P$1^G-@'=74#_RO3O4IU%253$>^E-%M,PVVF):E MLN9P-

G8E9PG-N?-O8^^RVR&[H\XZ5(^263_N5Q\#/@5.,!\US0DWF7XQ_W#. M@FU$DN[,*>RI+=%\Q_Q'Z8OVYY #O@=#0SBR506T.L3'+Y^W8 "J_W.N&P$[,S37RDNC,89-N5,

<.>N M5H"[M\D(SW?;9/ \]32_XH^?O<;?Q2./H1Y5.0NA8Q<&5!AQ]YEB/|*`M'@RZ7Q#:,48Y7U[-V]<*6G/N8YQ5?UZ?T9^-*#.*NMRY:D=D24BT*

M[XHQOR/,T .HM7YW,"4JG^@2;-H<)?Q}(+IQ(B395.C'_'FV;M5F682\A MA$OE,:#7N!K& ,Y%IN8E6[EQ66(!:XX!)GQ/2DAF5;,'50B7]6? ^82-2?SZ M'-FM-*

*VWEJ=R/BQW#9>=UWD:3[TU^HF6_TVPC#BB507=R_]F9SCMJ!_ M)+|; M9R2S8-8!5[VVN'BE_?&\1A^3:)RKOXF^8*_%D\=;1XU952*M[2NR+CP.O]GZ M+TD"PL1K?*

*9E>V*3M(<9_YS:NF3\&G)U: MAZ#>|IL*+F:|L"AE6)VHH$B#O>/*UF>>H5+Y]J2(]_.ORD,RXVHD7=ZN@R:*

M30X"84RKZWY(,_'|PO7J69V@\]PO[5SVO4(6P@TE8E>O4O@G##[BE?BA3](P% M9=Q#O:DYB((X7)DY!KC[C7:,;9!7X%#IPMR0

*M;6ODP'*2Q@N"Q!3.E,9XCNG,+1VT&O7U.DH(^F(4)6QQV5]RW'WH=5/VW;8N MG?NSLRYOB2?,9%D-1_4R&6X^S. BE8!;T >Q]CZ1_!['B^>.BN9+6$ M,>T*L4W\'?*

*MH<7HRI\:" %66]6P&ZC^_\N>/NEMB.4(0O_NHW4WDNCX6O9 MHHV9+]VW)OSN-4*A4,"12R.B5.Y!P>N@YYI_3(+!A_/"E#DN*4HWQ4E2WQ; M YA#9B_6:"#?(\#!)*

(CXD"6 GO]UNZKU7W7BZP:%[S$%D,8#/L^X'!V;PZZS MDXLN!U_P\$LFSW(5]0YE33C^%-(-'Q6+Z_?#R&\ O5X+5N,-?E4$2ZE_^SDO ML-K_4K

BW^K!]116>=/=%;&MZ[=' ?B'F"SYT./?@-9 M,'83LJ.),3>]K\P.,H;TL;?), 5F)ZG^*[*YXIGV%'.T.H=Y5R%#LHD:UNATS/MQ[$YIL:I-P$=8I4S[Y@ROS#[DJ!\'AJ;*

M/:L.F'=&D1'MAQ.'.'|FO(A1=Q|]5EV+`>?_L63-%TWZT^KGLDLXE;/(?=:% MK;\6P1\E<='F"HGE!WQ,_\@+PDFM1UV4=I@1(B@5DXL>)$&9-$ZG;.7RS8G!

*M#X;]OT&^N$GP3V#]DR889N61AT#'+P,+33OH4AH%(V/_WWT93+7+A&#"7";Y< M2&6GMJ7*UPQF^SEI&1BY&PF%S^54?A:K5(Z*77JGH7 =]1T9#!\KY..]'D5;*

*M:UNMC3,61N<9S?[FR EOM^Q1#N\BDYZ>$2:S .">4I%)XX!$1(" MJ<:3\)5I&@MZ6P:[G\V-\$3=M-\/]D_.)ZTT6/+7L217:[@42*SENIQ\N@730*B$\)D2*

K27I34Q[8B!V4M/VAL6@DU8>WQ;N:KQN$= @ MY,%+$\B7X?;),#4"#W&TA:LMU'W:/!_SRVI7L7%5]3 ,.:<1JL7;)BD(#PMWG>^)CU2=C)@M:)J810'C% R

MSO9F;#B.#'?@4; -'XE4==T-EM8.{N-28!R+\H2B<7<P6TM/F>+$[DL.M^.M^VWHCTTP>]!$=V5WEC'=GFD+'W).8!'2H#>]IZ;IG[DP/M1EL@_^]_5SF"20*

*M/;FX3&70#F.D:DWU?6!\BS+F9G&;Q$>=2#U+U"([@*H3T015+<*98@SPTB': MRIQIXMS(;&]*EPI6K!]7;Q3MN;PH=ANKTD:RAS<\5&& #4%*J!5S89),W@.#*

*M9O;6=0.%6QMB(YP2UFY=;-6O3GQN_Q0@0*_TE'X_.0%JGNU]#&BH!H:4AD!Q MDD;%04_+8D=N/%5/;]R7)G=$)KS7]XK/Y^J>1+UEDC+AJ>YB,+XJ$;%N/UDK#FPM?KH06.3!IXR,<.=V!D3 M.J!6Q?\!0^_9R?<^)V\|PLYPJS$13:,4[#^8SWCT->^(G#]-\"K#?\YJWZVW]= M8_ITLTEDQ6<53Z0IT&X+9:0C_&5.77VHFL)Y/?/FG7=J5_9D$MNKQU?A1-Y]GVN=BNY/>!)W6 M3;1F_"QU0EDNEAFW[CE[NSB\AI-O9?LN[$9\T10 !? MC!NHU.WR<0G_[\"B|ST?Y3A6!V,RS;S]Q;TCP&/*XWTK3+8/MMCBAPK0/\H=>'X8:SC/3>X>(\! ^%F2O MI%<[2V:|;#%ULWVF_<<$)\'2S2AO@/+L)'AB4RC9R#+_\"CNVS9!*_\"CNVS9 M7KG>L>3PB'=C8DUW\<'6\"%4&>7=,<#NF\Y^$B5Y-XIU M?<;4.!)GR0GT/$G@;*PV^X PVWN!BYJR^_WN\"!Z M!);K/)K1,L:\"6[AS#8#1LKZA]J6;GX:'$XF)6.#Y:6_)EJ2>|[ZWO++,N^QOMM)ZP>5/%UW.%K[5X?!480!21,*+]54-)JR(;V+O ETS$%M_5DQX81=X%SUT7 M4MET7&*@Z%PP76>U-]1)A\"#PK>;^?;9.G1(&D;3)R_20C=@?&0@(.%%JI>$ M;-HTFI1SH6S0NBAPK0/\H=>'X8:SC/3>X>(\!

*K4/ECB/Q+-@<'+4[IFZQQ=D9,6Z7-M/E'HDF45'-|_H^/0Q?\%40V-NDZV"]1&<&^7!\%8(/=)4^EG-P30%3A1G+DZ-M7!/OTL#!:U$&_OCKB%NR$:Z[-33:8(@R:.E59B.HQK?$K7O5520N<\C*^(Y[-M%U3);4M";$GCR#.*6ICX5A!C!8+13#3M=(QI39F7.Q\RF/.*1ZT"_/^]B-M1[VW'GG\?0-+/7Q=:BU%#3.;4+#^X(1-Q2[ME1J:I5F><+1VRX9")=B4/U>-M-[(=6S#9F)AI*Z*]>-Y:N"5O,>3@(F[&D.0[0@LGB:9[W-7GN4;^*SC)#-3-M-;V>],CTRJV^@5>)+!YAWX?]IU,E8,.Y)E*7:L\H!9>'5Y)R*H.66+KI@A?-EM/!80X5)*R849U@^N\!?-"?_BV!YC)M/%-)HT=*X*G$!\&U\)%EV!79M!@-0Y ZO-# MM#*^]EN)$96^T(%U:IGJR"ZBWVY<67">+>,U41:52/S:,5X-M4"3';,6QD*DT M%CRT$)6B)&Y^0V1IBSWG<0WGYQ9@PAZ\TM8B$WP\T4%?A=-!A$-P/E'7&-MZMDS<;<(&U$I21.LS$L,O;?Y=V\|#)V"&$)46//;.BOO#?N%.%)>'\|6-W/&X M"]5A:T%O'G>HQ]"+T|_02CD.@\L=,JWQ3F.?E2,:U&=HGF$!QE_O:-M+YV7NS2_U^,+$+B"F<0N3V$%!J]@5&O&MIWV<0.OW00D;=0OOUKQ?H|(W4M=-M;J+,_?"Y] =%"U$&%15<@&>QUHE(F9"]*SH:7VR(WBPX>[<0V%9!<*&\1'?FQ-M(*&,/*!2,Y8>|W!74.3&K,>=4R!:-M8FW) .^,A0E+ZQ(PA8,-,_'*I-+XOK7W>0<5!CJ.3EG1:OP/+:,O-ZH.=IU*QJ,-M8,;G=71@BL'7]RO2OIV=]RK;9RZ%3#-,A>(5'"01BR81VP:,*%W)%K,75M#L-MO)+3S2&5K%^_60>[^5"9'E-/D49Y.>)HQ'5NZRJ%?S(F%1DV1@XQBL)4O$;[6MXR>,^?>|V%D<&4-5R\fKM?B#0ZR8:QAA4D]A3.O,Z$')(&W0'<(SK]N%?8NW-M03*XR3'54HQ-H?-"84K*#"WGI().2]OV>=%WV_4\7&W+C+')K?^'Q&Z?}LO M.1#:Y%QDW"0#G!M-W-D8]FR';OVK:\MW76X?7ELB-]]$MHX)7W&2],5Y2"24-M<[1G,W+V@-VKGU-*B],CN"8C#3=VFP1;!*)F!57)!./T!'AYU_K>3Q?8S|\$|+A19H]7T(7D@ MC@9#.G#&Y/L.ZX8#R.:+*SZ.?#C9DD&U<[JZQY8\?]>H@?IBX.3!+G+/:!U@<.-MWD"6]LT=!JP>0N1=.VV%V1A^ACUDP'&:F;2I5TMX09O=VTF%G<2+-YJ[.*-9BJCT\$VL/R-MVQ&^HM=,S2V$)\N^X0N^79WVZ7)^$110"7E"!KEC2%,\(N4W.,:I0I&$L;>-MB_2]<$E$021;>UW$7%.@KC:A2H->V'(&? AM82L:/S8\&@Y^+3ZQ88,.1&3I*-ML-=D0!,OFA[0-%@UN@3S%_@-7YB=P.,<$*4O@POC=-\PP4K&P@L"7:_'$(86G-M3:ED(/@MK&,G"+GQZ7-ON$F)PUD-7?? Q;9QG4ES0Y7--;$P*K=;IX"IEJ/-M%=&R89C6%08)VS"5T>-#G?%+/VG:$\$4O@#,9L.0XBL2/8=&X3PB<4-LO[X"4-M>?0PIAN9T/-ZX34-7Y6?] M^^04;JJ@D^94H9]"TGT@"R+;")PPF.$-MH3E\.!G8J@<1\A#:1J,(=6H(;.N71M!:K]UCIN(5ZUE:BW/WO10KS[S2^-&,-M>!]IKV-8AW3RF1'^QL'B;<%K$K4M6KQZA-/2H%!?V#?8D5C:23+P=2,:=%&-V-M@)S"DW1LTBF>K@G>]]BGVN(::X%PK"'+(*$$,?2&KO>(IZ,3\L@1$PD5P2[K-ME_>\ZTNTW"*;^V;E3?HFP9OIF.J6X^R2[%P?&QV%C4? LIK9A1N7S6Z270E9,-M&@.TAZ7GPF%EH-<>>9.#4.L?<))>%<7&-5%>65F0'BZK\PKG[8RW,Q\'!EMD-M(#1S$?S,73E'X*1P3-L#FA%P[6C$"L[P6S)Q7\AK+JIQ/#2NSLU-M 6Y0S$$Q)>O=;-7X#BHC-V^-E%X!:I^O;)-P=<{MW;8XL6_TOMMH=47/,&]R"-M(UM%-F,[GHY3OM1*639=:'B-,I:#64YLYJR#L;RKBK=8D;]>D!GS=-[%GH#J)$ 6Z'QZ!R:F[O"9;T8TQYZ(XZ?.9'ECX?|M%@8R-9|?-M#'B*2W!R]&3AH;G?-ILM]#2(4&H[TMGQ4V(+HDF@+FW">>-!N.^;1+2Q9^& M3<9DIJK3+]NEG8KFH(E=UCQ#W32O.8N@)7Z'Y>LPOB*!QI3JY^@-->7IJ6JX MNI1&OZ)_UB_3-[\+3-M>F58^UUK19.!L-S(B4ST9@1S*6M4(#UZFZ:CQE V$6#8J0A8;RB0PUJ M&;U?UV7$&V7?9IZ@+;NQG:U%LP&YW8-_MJJ_7N83U[^@#'=>U&-@-RQO:AC"*

M1."2=F\EA/A:\'RZZU@\UDX1\1M@6#;7S,M]>GE=YQ6^]H=^C7]@D4;O[)0& MY@%-'N[^KMXK,,T-*V5Y%0@AKNM'EE6_)+U]%NMO=,B!+X+-M07'D0TOS!A-M 6W^RJV*LD61@2(TR*Z*1,EXVC[*O:4N^R"W=-F"+HP_D3"VY4EU(9E7-3-MF$3G:##+&X0/KQCMK%%P!P_X<:'+=)S\2*>>-,D0PIAN9T/-ZX34-9W1<7(5-MB-=65!CK1>= (DJ2#]Z5/Y(''9F:,R6)FN7U/-:?4F./&DH?.!&R&__9[S-W#U-MZ>R%N=/C:/_6-)9RS-MVURO7;'^]IV1@.Y'IDLO@!_G7&S2.HJ+!+:@(@3= M%%02O"3@WK%34_RRJ'Z'14LMS5%IVLQ;G&NK(H7$SV3-KA-)SIV-OQ]Q+D8J-M5GGNFKOXA^>[>ZEY[8JE1V/P@=O.@D#O_L>6XH*,,)OE%ATDQ^-R\!PORGHE!K%N-M4\E0+CQL&G-)U[<#P1W.D &G<;504(1WEKR-LJH)965E^-MAXTM7(@_SC254:4#,)YKZ9^4WUN@&,=+|C38N? IQCV-,0?/+\\Y_>U4=?+-M*)AT)DP!GJH40Y-8(1#M.1@LSTM79C5GF]/UQWMINWA?+>5N$;G6R4H4N-MPEFU%ITY'9,)-T^*ICP?2]_FW>!+3)XDX$!/0Z1QJ M\.AZ'!YVL@C!)QKGU#=XYG)"D,W21??.6VQ;@]#91,D;M?$+++Y,/T^E?3AYI-MS4R3@;S?!Z%S_P%-(<&.F*UHCBE_7I++++P^-8HG@&!QL9MZAIOH$[UV)'Y[fW-M.M'P^| [9@R9=T&E@X_3-'E*7M<-M//ZVV<8+:[YX6-/Y04'T85C1@#:G^QP?M%I#+|U%-+ %?D]V\5MX109\)GFH+1-MZ^\.B1"'<:?!7]%U_IGFH+1-M2^\.B1[V<O\)GFH+1-MZ^\.B1"'<:?!7]%U_IB96H(O?]I_IL5F0NRQZ\% M]IX'J/G'_!>004@F@ND<1@S\)]_S]A.Q8;!-]*O]W\G>V]!27B0Y*\[J95M[-MZKJ"BL6\'2*+((D_BQM[:)?^:$2[\?QISNL)*!.<_UIM_8G"_7-M5Z]XPR^G_-K%,M6R20ZLR)LGN%L(]JK-I-$RD)3;WP4AT.#\[':GC?3*G0T7-M_$9^-EPMQF5HP-4'#ABL[N)[K!WV8@]H&.#O?,RQ?CCG!8&9YPL\TA_ODP&9 M(X:AJQ>7I+++#"1+FQ_)6<5H?-_'K@3;M5!.A-M)7/!R&6_A[N=@-(IF-&XBG*)]0MIU9:IFWFZYXJ?1QA1(>)669KUR/8V+-M&&3C<*C'Y%/)1 9ZS)UDAJOGRVI!!295ZW.586&BAV()E!L-M5[/J+8EBBVU+\+WR4L.:,#%)QHY?H&P?HYIXD,F"@W(489MB8:J4K.XQT-M?@$Y/K:0%13W4FJJT>VYTW=+[2WDE=)-Z5PZ34S6!B:!![W,[B@&&5D-/O[C9-MSZIQ_O)0B!H<'=!6&&""'>5E98'-&8!!F&$^-M\':A\&VSV*R=9)X)+R5(KME9T-M*0[&A2ZTEK@-1PV['=AFWP^-]!CEI<-0R62<#%QM 6=0Z^=+[(3A1E"TEJ8KA-M."@1,B'F?K$IH2.@1+,/8/O7T/(B;Z?W-R&+%-E5]1C^TFE_&-SB-M>*9_>0K^RQ*^=>;BHI&,&$438YZ]S<\5;>-M2+ M.$1LO=-^#;T@@3B!4B%-DX5O]T239NKYYZ4?SAN-M\SJ+0<)'^O+'_9VZR'_X5_-MHXN&_(7.PYMZ1Q<,#HB<*S:@[7)273J3OAH,7@[]'ZA*YT7S%5Q)M+E%F\F? MK@UHBR#1<|_X6FB+^QGF49HYV_$K8/*U\!=*V8_))UN-&\!?X5'2PM&'WPR-MT1EX_+SGF]1%;]B0'97>_,'R:.]7'QC*2&?%^U#L?IV/]@'TC.1R@<@V@I[4-M3& (<"O@H76S[@\A^UT-MWQ=BSU(18W:W$_1[%')MR%T$&KB^7353+5=2%8IV!^<(0<4>1[<9MI-MA+UZ,KP$N40A)#.=Q7A8V%&:R$+Z^*G.-WI,N.]'BX=5D\]++?,F C0GXA\B(-MHB2>FW-3??RE9NAZ95=L]5E/D2KP*U/L5=XVW<<.VA"Z_H<6\.CXI<<<7+\&^6"GZL^8\'ZX+8D;"S67ZQC@*52NY2]Y2:$0-M./BK\!P0^G,KB(S-<^<>65^WSL"JE/F5+)Q1-3/%'R2)&U5&8(:.C^_=[-+-MO$2BN_61#&-60XF.O\[FQ*4XT5L^5_JR/&GMZ=8*69?;,)7*&\48'L&[O\A-M_.K22+9JS'_*[.@*F'P6? $165&3!_;=L#>CS.D_JD&=8ZD#![(Z1!CKQ242-M\C&YWOYS++U]-#]97CVJ^"?ARL['BPS@15]YGF^[8OWS[UEW-*7TJ&^OQM.CN;R#"28&.?=1"/#LV=B? KNIZ$^[TR"+ID&)1W&3!$A,PU@*V6R+-MEV52KPXFT*"EH[6'5PN'XR+WO*ZSKNA/T1+*T@<@.C6.9,8M9-4WGAF!\4-M_;]?>]D"9H-(8# <((W;\)FM^2[8HW&Y76=7@FY_$VN^*F/QO5!\,L0AS-MY9Y5BD[HLUU"D-%[C!*7[\MKN1/5^>ALQU5EIK&-AWUUUZ/R'#;#Z$6=GJ4X M_\8G@^GG2/UDX)PBWP49*^,:/[B7QHZ>K\-UT>ECF[LIH-M4<89B5^W2=;B5<-=H-0*;Y70:4NE"@1V,B-Y&!N7_)2F],F8G"3]Z_\Y.3-MX)Q:.:))+DD&=&H$Y9^4W/=- T@1BBM_T,PQ'E#\5.Z53MD'1+8,DFY10QDQ3V-MXE-L^M/V\5,)-^++!*W^-0QC8KR.B)YDMY0T2;3_DWVCQV+WWXCK5:?8R=8 M_CYDQ7TP]_W"ESIGBH\GQ$2U0$K[6\0916T"KZV8?^)V23&HL^DOO3O^.M"X-MD;=%#>W=DN*%YTF,6JA)3[S1QE9%FN"GBF\+;"DD/,385-=8;"1I1X^(C=^I MV?]N#8YV&^S=ZQS4W.(K[;*1$\(@:*LDF<-)8AKBQGY2]P;9:#7QV,O!&:,_MPDAWUAEAOS,2\G="BOR=*I09'1ALW")}ON-)P5>]#OO-MN/S&.X-,8.-IC7G'J!%%K8*- M_>_V0.(]7J2=XB4"D:>_X[RS4KS84M@>C^-M.^]2$R(RR>3_W/09[9)DX^D?EF(<[!O*VR;F\IZ0L2Z#'?_8#-'L/W&-%5BZ,W\G:Z\=@.G_2@#%01(K$L)GLJ.-MBKO? 3+_S^1I)S^KY/]DE:S7"7>K_N(JH#Y/#$G\')ZC)U%:T?YU3>).Y'QTU2-MHFA0D"F4T2I_82X(=BX Q%4)?UI1*?$)Y=C9-'0EK9;QZE,PM17;2Z'FH<%D M-P+'(F*>HB_|=G&3&LO5801N!*[THX0)T-M,=34,@E.&7=:KEAJKYDH3UG/SA,?FLS4I;>FG\7Y*M8>%-H32N'79AJ^-TT9-M\IMP410-%%3>/? {RH%>7N($1=EPDQ(6C%%%=RLR=37&(+M*UW5%A<EVP[-*-M3;4W2.(!^(P62IP!3-@+?XW1S[")>>^4HVP_Q!F;=_\:*QW3227#1+$TR5B;;-M8RN|0'"8; [WRAP,9]*BJ_TW9*/_2!>6DH_(3-Z+3Y+2^XEUB>5#*8-M:4@X?B*1WMYP;;)=&=EFA-.%BU#@W&FNM)\0)9CD.AV/4/-O=_S'S1ZM-G%% M'#D+WBJNQJ=2Q9LF(SN<;=;DZ/*T_E<;.^755P#?!+-G9B)D9'H@L<+=.0H6WH-M'5^O$*=OK'E8#,&T]=1Z-#+_LY+BK2FB1\,E)NP%-8$8*#Y-1]^YU*C"3+O M7AU7H2CSX*VF^8/!L-6LI&9B6%]D<)8,K+%(PCN3^_^3?G;L'U>.[.@9#!'-M\IW=H3!.)N77R\9*3<)(;NV>IB3L)E$=D(+&0CU#_T'..KWMP,,"ESE,6NR MN8+RJ.2UGA0GZ=Z%9?M[-HAOU5^&3!P:4V=.3H:0 9@*Z3W54?G?\-3MOW7<-M^A?H:W4+@KFZU8=@-OD0C?-3T/K",<00P?<5.-DQ_6L-8IJ:L8WG& [-R9^G/'ST9S[>0H+[5O*GF]^CEE0L6%B(/)\+;D_7M"O/-M&L9L$D]+TQEOXJV\HC9<@F%YZ_C[HWB&PEY6?(-*!KZ'N<]+]Z",-U>_&1!-M28Q>PR=M5[Q",[=$M?O_X>X]HYJ,N[3?&U%00"(*@1!$!05%0:0C$!0!$3&*-M]!9I@B""(M(" 9'>!-04E"A%.J%W$B-4D=Z[]-X22@BD'7QFWG/>63/KO&?. M>9UGUOFP/&PDMSWOO9OIWW!$Z.@1>,#C$;L"9(WXC"GI88EYDW*$PW&[&VY-MB*[_0-OTRCD)E&;K!IN40*E!C2.N3&,%V> <@ODDE!]6"=T)C58GPGM%475FT"+[M\GS^(K%40/A*-(QK[-H\GVLQXFK'P=MUO4-MGQ8>LH7P8<+-DB^!3TUU7\]HL+&R?!]4]+YOZ"/D=&-28!!-V?ZL-6HAG8V]Z[\^]HUS:,3V;U(YJH>9CM#Y+J]$3E-MV;(]V<#IE_<"Y?+\?52>8P?%!J3-*;JHL]:^^!Q\JCC@$$3!-M%0Y9^AF5(J3W;='<-HD7"ZXX*U03#5?\GI MV8,A[FQW?]W!L;??,R?,ORQ2+SY#+C@H_^^KMGM.(V\?,;[*GY',VRXFT'ZVO7+?SP:_A+!10T]-3%34,]$U*89-M,3/GF:;;,9$[A,O_V#.j:.%EI=1ML0,D)2\$$!NR? U3<\XG=QH@^0>_A3<$423CWA&F;A\OUQHW>-M+M\/0M%5Q6=B8+/W;&J?-/(FEY%+3]Y9V2U&I81\I@-.?L__B#0)>)(N+D-V" MDRKN,2]8TP&6O5$\?.2M)+8Q:NSL+!U0'ZK]HQ_8^-*MAKD$V.]}6$ST(']T[-MQ]S3#UE!.((.$(UW?VUOCK)TK4\R4ES!DN4.E0DT4CB6UJ8"^?B_MTB;&>-F-M VB72>FY]V5QGKJC[W'@%]\<-TA0S44102VO)YRAL38?Z0HJYY1M2LB',-M1$<0IW>)OWG%>A-G]!4Z^XT&I,.=$;X1-MT %N@X(L4A@R(^00,_'P>EEM@638*5*5J=KSZ;_\'@F@"\U-".N[[//-/L;L-M>B9"=*5C\_>)Q43-B[3S+Y-M0=O)6RB\&>OX-*]UO;8+_|-KKYX1(Q^7ADB1Z'?>" M\^E\HQ?)0.YQE'JGY'F6,I>J?/UMK?>NUY\5D.!?NQWR)?W8>]-WR@;';X/=9-MF2HW'(2AZ0BEC%<[0]C?>O0FC-P^0C&N^7|+3C8(U+7*T]R@5(N+M^,+|%:> M&2;H&$\)..QI.N@FT(%1K-9)^_[$\,^@"E%EM7]E@T#[N_4(0"-M===XJ-R\-[9$Y(,.:EF5LL.@7V^W%[C^L=W7_R7++#7[3^@;X=5F6>M\L*.Q7D MOD9L3"&M=+WT,-6+I6XA(%EM4,4^!EL1H%WTTW^^2?%O1D&-QV&ROW3G:S1^-M.3'YHB__.O%@,R0!DO>RER/ZW4T11L*[T%Z"S*]N^Z34=/H>C@CA;GG645? WG19O)R6N8-G-M&#KQ$5NQ5!-#=_B'&S76!]W.[9/'D!.9\$T_6#M"-5\8>ELJY]CB;>FPHT(BW-M&T!$^-'D;(<5)63C)-AI"V%,2]CC=7M?PJ-L^%0-[X-T=Y&M)M_SRQ&OY-6, M'34;=BHU43R-I!"D7H'/62_<-ISS3KL-;*79;>:O?<;GASOF(&(]+[9C*8-M#I3:-@ZOTWH]9E-<$UM]W+#@/$OF2Y_]RD0^)H<'K'75'/X-]W%2]^+-8@OI-M4#O((? ^F!*)DU[8'Q75X3=!@Q*NA5#R\0>_J63V02@G."&)^4O53OH[9L6I6-M*$[(M[H\\RO$A;DY-M/I\ON_:BH7;.=1(&R[!V].N^.EQ#3IPYN1+-X.@%.LHZ.L;&@\SS@E-6860 M9LGW1+=-[<-9D#%C1W+3Y68DUOFH-##(JA.)OEUDYE-MG8[*^!4/X62-Q.<\U:V"9Y]9OM84SA*NU=-Q&6MS>\5Y*E5+*I>#0UU+0@[P-M6L ,,,]++]\MH@_F@*_'#-3:FC@^?K_>\5=HC:N"%B?&U7C-AGI:9DI6[[-V=-MGUELC+!]6(!2$-9*LZ5Z]=N"-"GJ*T'16Z^@$48J9YY[L/H51,.^A;Q0E?!"D: M!PLB*KR)C&-58QMRX0>L!=^$P[!)4P!T7(WMC",",,9;53]!E!BB&<&?K2ZG-M1N%DH9;?-M_$-^W%?WM@(K0.NOG$L0_AHG,.?NT;0AP/-:1@7?FIXH(I ME=18N#F%B^H_C_HYX'/QH454D!EI)^P365MDF;;B0NM>5H%(4[1)&C/H,./R-M881L>NM;3C_1/DH\GG%B3A&4(33KZ[#A]Y;&!6 X=_G30A&8#E75P.9W:E MS_4Q=.LY7D150Q"[1+1G%K;-MMU[??#5Y3<.80]5^@TY[-[].BB)&"-:+ROHC%$>>,.=#2\2X4;47O]P%0.[9-M*GIOL8MB3_KEA?K,[&%5$\LN?H6$K Z3Q6=;I]!3I!\2-=TI MRTQ+8^>.>,ASL'\Y97+T5)K!PF0+=#2V!0D1%W"=T%CSY.4L2=TZ8E7ZP.I8-MH(L@FZU+[+\N',OZA6S*6.T8ASX2%DG_4[A&MJ!\1JN2[#L:O%4Z#.4IC'3<* M6O>BGG">I^Y1N>65_ZJ\'1EX"\I2&#_Z2!XOVXE9GT5DC%/(:1UD43H7Y#-MZ%<[]&..M3FACQUX]H3H):4TO&?E7\HL+.KY%-(.4^2GMH11>[<: (QF+WXS",%-5D+%0OE+Q4.[FW]>)O$>U/[THWM.;C!)3*"'_/:88B^,9-MZK1_C9M(PZ*3**%YQI$&K&W&41FIW;])$^3;IJ05S1+'$W/%>/PEZ[BXF.WQ M/=T=\XRL'"H&A>Q J&D>%WZ84R1,H0C."LT>=<*7^-4'65,R*73SGY:?@J@PV-.R)F6:@THD-G@O#H(]T MH*H"GJE<.K|HB,ZQ.+4B:.&VE111K+OA\V-'#]DX.]JLZHXE!^C". 6/WL,<,>+P=WK.>=F/FQ+!4V+,ZDL"[4.!EXJ6L:_N7_K;"Y05DQK.[ELTS1!#CI'?03J.X6N)HOPH^O/"KI-P\0L2D;HO?5 BS-)Y M5_5$M6(2JR^Z"FJI:]OB .4]WCQ.1C)\;X,G$-Z/9O:9FF>NM[IF^*7TN,*-MN#1,V41VT E8.W'2E;.H5&K.71+\96+>4KO3#.O/KI%4N6:+\.T+_)2.(@)]+-M4T,M2#[HH*^0T=>,=>6MB;4 V!Z^B.:Z[:.SSI.6M" .>YYJXD,"]65G^HMA(*.M,/^5*QR@UGEF&4/W(GV$UH0_OL]F3M"6'YTV!R7Y&RCI-XYB"2Y[HW6FL-6H8-80T\LH!LXI-&K@EXK(T$W2 M.4\=I@/5$"OAJ9HY]#)3*=K]R933.\?OAN=[2W+D*&'793H\:@IM0VO&_7-M,&F3&8,F;=-T>]!IQ5>UBW%%;??+&VQ4ZJ;8+K)9R:W[GD28S,+X[&G*0Y<& M7,-BE7#X;#1'P[=HI]*HIEVA&&WW"L1UQ$Q&:=Y&GXG'@4_Ns%=X>GS+2.]@-M*D4)^,.?)PF@94CZGLM7>YL2)M=ZMHRC4*(.2Y8$KWF2V1B:>]2\:Q6<4X^O MV+=*0#I*ZV=+]<##K/D>B66E61$T-M<]5V1GOOL1-#@++]+N'3_OP%>_>V0-M=PHU/T<'WK=-8T-V5*[_DQ\F[10I43>0NK+4 W8BZ+]=]C+-+5W5=HI>#CX M6D^<8H4%ON.\J16')OEG"W5K585?X#\[Y,.S X/[*7HYMW_8$;EYXI_+CPG4 MYM1,8!G&^G>X-@L;0RLH%^(>63D='-(H/KV+8_H*[(W^C QZ$_E.\ MF!%\$&Z3X1!$N"H3?XE>9X8%*@U5E5*R\Z>0G,4RDBU.'8>W"?_L!Y7!=&,>AIT(T]A1/[G*+@2]>D-]4C#5*B-M-NE&S8K+A12).S7)]]]&&LG@I=BE>;Y&-_O7_\B"

*M.^,O)R!2_N>8YY[>1OO7P&;RK)H3YSL+T?9NQIBLUV/1534?6P4]V9)!V0%^-MACHTDO5C?!YS_3V#EU@\2*Q.X49O.AJO"'X[YVZSE%T';X*-S3#F=QMBMZ;-MM-&^OJY<%4K=.'"@)9QU[(M!&^-2N)%ZA+'W(_6F-'?#FW!-M>>1SY!HMQC.^:>.-M+9TY&5J%B#D8?QKOL5$RRZ-GES;_E*MUJ,/C,Z[S9_+0vW)&$LWOR"8HI/.-] MP'5.4H3(HS@/HQ?.V"+0FB!W@$_3+'"SD[*OQ5?BU05ZV;U)OO0Q3$ MG\23L6J49Z3E#(IDF1^?F-@7%LV_^-!0SKCXQV7FAK;S35M+-O7'FH*-M[5ZNN.'A;=K@P!5.\A1? M=G_/%LL\G0&3X*'Y;S3>:M;ZN)Q.\SCOJS.@-B-M<[68"L=>[2MS9/8Z]L,/?TJ/101=HJEF=!T4[M@ZL7%(/H\OF"$;D$>QC2#P-M\\2'@S+IE-4?\.D-#ZQ8WN.:"E9V_6-* M&N0.5+W4N,)G2TQ6X,?!3;45.M#FTM=6,&)M>>LS'HMQC.^:>.-M+9TY&5J%B#D8?QKOL5$RRZ-GES;_E*MUJ,/C,Z[S9_+0vW)&$LWOR"8HI/.-]

MP'5.4H3(HS@/HQ?.V"+0FB!W@$_3+'"SD[*OQ5?BU05ZV;U)OO0Q3$ MG\23L6J49Z3E#(IDF1^?F-@7%LV_^-!0SKCXQV7FAK;S35M+-O7'FH M[5ZNN.'A;=K@P!5.\A1? M=G_/%LL\G0&3X*'Y;S3>:M;ZN)Q.\SCOJS.@-B M<[68"L=>[2MS9/8Z]L,/?TJ/101=HJEF=!T4[M@ZL7%(/H\OF"$;D$>QC2#P-M\\2'@S+IE-4?\.D-#ZQ8WN.:"E9V_6-* M&N0.5+W4N,)G2TQ6X,?!3;45.M#FTM=6,&)M>>LS'HMQC.^:>.-M+9TY&5J%B#D8?QKOL5$RRZ-GES;_E*MUJ,/C,Z[S9_+0vW)&$LWOR"8HI/.-]

W*>_768-XFQJ0K^A!%#]'N5,:WX5#:-ND M5ERY3EH!/USF6%/ FG,?]YX<82;"M"%KYM*DSY9%<(>T4)#M(WWVU4MU&]1& MVP#:-52<#XK41,'JD^"6@V4SM^C_]?
NHRN*NME-*8-,WX+##[EFC<^95]6C7 MRK"2R2K5QS;C8;B(ZMB,60P-F_;<8B\6K!:A9IHlX!{!\(! M@.*+2OT/ M)N+;AR)46]S\/R,6A.VF:0>_A*#FM?
6^33S@"%=&\1ASPQ=GAS(RTR[OZ3[IX?DFEX=R=K6E/K50 MM.1Z$;_XM4O!"6;<&?#5GW@0'RD1QN,>|W@_=<$V=N^A+Y$ RB_6W(S$9<2 M2MI>O?.WS1VU+41;?-
=GUZS57G3;*;+0T3^NB2\T1KM#1N;%[^JL<=U^)@PP MM**+,+NIN[0^M&7B>K"]RBM7;D1;3WV9Y>. 6\^_C>P;_^7V<0)*HGZW3" M9_;rV6]YRBA>Q_W'P_/?
74B;.M[=!B-Q'11UO#:ZT>G(]@]?35W0XS(fU6C4 M]8-4]MZ[\FD5R(AT.]ZKQM$+O],G&I[5%7]<70ZIR4KDL]OUUE_YM?:L" M'24Q-T(X2M-Z:^33Q^T3\EH-
#>8CD#5K/KKPM^<-Q]#'D!:U9QHPZEFS(1<) M[-D5KGVS7[#61P"6M;0FRZI,K1K]MZ?%14(I3.!?/S6X<;+&RV;([=:D$* M)'HKY4.G^?#%>"DSA2GEZ=
<'PWD2)5#OLH6$ZZ' MD4F8EA%4"3.%4[!IL+U.3?IW;:5=! MKOT1@M:L<+BRI$.+'N%EJ7+&U=@YDT6;YB+4=*C$5N;4:Z;'-S45AICAO .Y
M&358:IO<)K.FI1MU\PA*MPY1WMSOU[Z"4&^-8QHQ$."&BJH1CI#*VNE7/M] MH$0#VNWM4O:MPBG=2I&J2T51L32W\DI!O!,NUE7Q[_6EIV9^O^
M8DJF@+9/LL_/R4*!H/JE=83>+,_W?LJ+7V >.7>]LBPD?1=!'_^4PV0B(HL6 MUZ*^^70IW)\<|S!N"=^P:AK,-)A_5]'^B"OR4!5.8)-D,T3;['ZE1B!SY5
M>5)68GRE}_E,H2$,3?:N=OFY7U41.A('R[%0!],/EO>3X[*>7B&_4*=R[U(% M4P\[\#LFI O/>MXP1V["!5_$.O>,4+TDZ4!QM]L.],(DW-3>++9LHNM21WN[MN6:Z9?
N:9PSLR-:K6>)GESY';BK&:L*-_.ITZG#QO.75&XB7L@(&?,1_/#1_ MI%.P\]!HYI&AU$NL4G/00<|$0)^6U0X;LM.5&LF3QZ=:\FF&>G;YT*^-V)8;=5L[$&,
M\>*AO\7^3/j;R\NC,62Y]'UPKXV'0^(CA%V2F^'N[F+&]D@.N45%T+\/4D'M4G"1WSBVR\W;DKU:EVZY^MPVSLWICS/:F.@:6,J-X'V5(?#AL1I72,%?.H/Z M?
Q[56X(R4J]0@1.RD7EI<,+&SV?7=>:<#2'1R,U<2$KB :9F<@KFWQ6HR)/P MY,?8Q+VPH)_S5Bt7,0UNM?X1UYY_?3/]7!TF)DP3XF8'5V MKUKCQ)N7PPX2,WA>NKSGA?
(^@?M;*OO,33K.L< 4MV[< M#96^UM]R#7BMJ0T?D)$;>0@0T=A;M?#0'1VW)0>Y6U(=@ZR;K2M#*1$&MPXKX M>U%59]DJ?W:/^@@\;
[PFIAU%,=TQ:I$&LN2* #-)9+TT@&:NH]_M_)';,]17/D\R7T)'NL$>;\F2X"\?6+LF9JEZ-$!/,,2,I1?TKC;$U(SL\,<@ ME*E?*'S;]P^O/=>T6];HH4+O[C.2 >,@0<5-8EYW--?
M3ML16+0[YIN)R,:ROV_\$NRW&)M0?_3%1X MC=-W!A+*)7C'<*"Q(4B'VD)@C6%*S,/9:&OXU ./KW!:T*(#B-MQ4<2 M&B=+8"'*71F"SW!#2IVE3]I,7Q;1,
N&1MY1$%&T/ZV2NZ(;(5+9,7)QHSV M5I.I"YS)AX64.IL1EM*-D1=J,|.!-F&M%'TNSINIS%:SZRLO5,6&_AAZ,*>I M20B!2V5)15I#4>W]NVT%64)D=4WA%/6;.1=?
>:$OL853D",_*_4+#8RT77ZL MEF8WZ+ P86YZRJ8BUMX[EO6M\.3>Y$56N_I-/Y& UOXY+7%2Y=1K4)N_M?F5M MHU?AG&$1S+B;M9C(UPG0MMBAK;S
1X^7M;,2L,&HY,<-3!N7\H9-S?VX73# MIMHT>R;%AAL5X-";PSM/X *-//F&&B?!5=B'J*@Y[Y>J 0M?"D\OI^RN4CV2 M&0A]39/X6/=1!SN4;_SG)#LJJS^YF0Y@
I5#13LSGUUKC(WQ$,J!LWC_9Q24 MH70:RKSB(SUP%]ZWGU+EZPN%WGIL*7#[2KE#&%G54DNJKI1C6#QP-IYP+=.
MD0PD)Z%H$Y]S=K0SE#..%H*04;>>W/K0+?.'%YE'=/VCT'F((232)=M+0XD[&6!.,W(M2KL-L; MUL7%)6KMT9F7OH;4+0Z?V=<3#X6 QJ87L_*)#X?
TB^]>"K4U2]NZS3S.L<]A M'IJ.X:,<84O#9:V^.&Z|)U WDO 7\Y#/(KP.4\YWT/1/G72U8YK?FR87R@5 M[PSJ?L3L^S\^FV7,29(XM?1;4_ZJ9PT-$3 GUG?,=>Z-
PVFNWDNTRD&T"G]"< W4;IK[\Y>H#;%1; M9;EC7GF<1<]-7K^T ,%52*8$8B\PTMW>RXBK!Z',P+'T/;PU:POC$9B@M:4 M5Y&*EQET],8MG&-
(;+P3]5A\U6&U0FUI40QH.Y,'YQ\=@Y%TE-GIP/=!")D* MH@-<^4+.53Q-,"-1@C+FQ'$=9<9*(L#2X:*\&P.)B](S$N'=X]G_;S[9^ _^[7I[:KT?$]<#L\V=LBR/E
MH8!\4^C#LLN33RHK")=+RZXSWZ?.2OG/OZN=8!U@/AD)8=_MH*@2:KNB%#5E MOHO-E<$GQE1@!Q7ULP0E6.7!(V;) WFP8@9OH /,*#[WYL[Z(9E@!#F6#CSH
M#X]JG$;RSHNN@'Q)6)3Y\&AB7+N74ZFB9I?>>^]ZTESYC)((8]_'1$]!ETV M@/E(_#_?6O9?"N@ I!/('SD\.H^.*ODI89MUHZP_COF$,W.K<$_ 4W)&CL&$
MGO\LFFF9#IQ"7,@FN>E]$XW?GV1-?E+8#*)NUS9YG&AR@+,XC^ M<'>ZC]*IF/KY4X+_*C)4 WHU*FNQ3-M;'E],/(9)TD]<;/%\-[9<**5*S)Y MJNU-=B.S[5)H':-
??#WM#/R1_>@0;G*DI6[&I+5D\KBI)^-[E1N]&(6KX35% MIR3KGLEUZ%K.K7.]O=QK8!N-X*(&(VY-H02?$/S59KQMG-L<2]BA9^G F^TK M>Q911*\A6T(?,1,4[*ACVO%
<441V6]3ZB>8,;Z>BC\]1>TU\5<4O8N2KJA*) M"R9A(=:),I8W-;_E&DV$M%K"A&(IM;W!W.(?\Q35P\]?M.9%;DVDHS^OP\%T MP*$+C/!,=-!:Q.[!V.*IOX,RY
T_V9YOG_347QZ;_E3#WT]?0@\C9^Z^3%F*K#^MZZ?G_B]HP..H'.F1<I0W) ^-UJ6'3C@R25HCCFX5?L"SV M#U%@0@=
H8%_(I=Y>GI[L>+SD_)+=%B\R@[6!#F\;DZB9&KGVF+<14^Y"_MC>5UEB8-((GZZ*IO+@WDZ%"J++!T(A4Y!<&OO$P'*YQ%W!Y6%'"(R5_JLQ?19[;8N^L'PF90BSR\&
1H@N%S6^E6ODH3999]M MNBBWUK4@(;65*/PN'1 TF6EIHIK,Q&?ROG;4^F28Y*C$=[6VO'P/)4"V]@O_ M@M=!#'>Z_U'D]I,?N='X7?
O.DHG[D7^<;B;G_OV22+_+GR+I,BO.^;S].OJ_M^8/"C>:WXO!6:YOG2+[_]G.\CO^9V=1Y7V("]8#6BCE&;\4/3(<\M&K]3/NM MC=$0/0*&44X$T>1$^8BA!#=B>(L>-
^S2PF=56CSXYP%2E&6.L3T -EO^]"5 ML-%%ZN2EPH,9C!LZ%7'F4GE3E/^6N_>"X2Z?7/SD NW(ET-5O ,P+PU,>PlY
MEZ+9)UJ=D#],ZU;&W#RL4[URV(\?/&*2=G07QW7,H+F>)`^KXE\T\%1+,,#^_] MB' DH'&')^Y[MFYL'6+J,2X/"3=(;S 2H?3.F#VFON;QQ{;) /;Y!+<6_@-L MB%C!!V.-.0W!-
TB'U=^C 1+KO.:*JJ?E*)Q&5-F)DJFE.41\[?Z?)#2/' MPS-]A_L3/E(FA4H.LDFWU9<9/3>;'D%S:O8\)&&2& 4+ 3I0E ,.U@II.42.& M(,).7E-MV++>[EW:!J-7-'VM&L3'-^R?
BYW!7RA;]WUEK;,Z+D%P_08GCE]E18^_M/S&-H_Y]Z8#[1F%Z1\K*4*)W72.QJ$1\5T?=/MWS\&G3Z#4L-RY,_5.03M@U-ME=GV!Z(^2:!%4_U8_)[9(.66:
[[1B$>58X&+4*#;DX!SEIQ?OK-BW\R<(W& M3TK"^@@X,\(@,A6'2?FOF,_-I=],1V\&MU5ZL4\,T^?,]QET%,U+G=*RJMJ^VQ#!]T'#1=9*UD*?K;Q^^3I[
M@NVAK"07'8)ZH9/MC\M"Q<7YUBI0<R7WA$9!WCC*'[GWE,E\%4B0I&#T2Z9U"'M M,G3BDT]);U%!I^6;%U1L]<#.&Q8 A8D-99SNR^NXV&PR7*XDH?M.I[9)=$*
M:H.TEJT"^$M^D;G&P@-.9IK(N8,/R,U$0G74R97X*C-,^O6 AF'3(SWC.Y=E M@.BA/U92%.W>=&#>8=&!$_5#3)4WO%[5Z2U:AIYD<:.YW==I;&'2M8Y?-QR[_#
,PS)TH,$L]X?FBN,A#11V MS;14& ,)3<$(}>S#8L9&N=K&E&0IZ?6J_ZRY89G"U;ZNRQA7DA,^M3ZQ+%TF MX %3=+%B_-TLJU;JS.*[
M@2A^L'D+&C]JAQDDZ\IF=/#,.792:$ WLVC> MX1:P6'E9](F")XF7R8N7O)T5I#QFN:8/VEW=C/XS['FF1/26*Y56>/?:;-. M2)HLG7A"-RWZY_>XC^&G;]\<1[>@
M1K>GCF(!VE734>.[D_CPE6JTU:>']PQ;]Z>%R3VQ46,I)U;AL%C=C/;ETLTW MR.^S"Z>^?HSMQ]\<%O@"PK\1^CB]M^?9Z9\CC_C%:.IOU1E/N.B4]>VL;]+1
M&VF&W\K*PVMB*N58LN6%DANP#[#6T.&W7=/V(Z3]EAN]F>ZX(R8.C'"'G^T"/ MO.$6U(U0GXU[$Z9RN6:*0O(96+7QY=0[>NEV7R!K_F2F?:0E =VX"D'-)^)P
M:JQ]5:VOE;R"HRBL54.#<&Z,U',DRT[/4$GNZ;P5, MOFVH=/+)4?!X6YTQ3$Z >>O:AK$2&7]CWP$$SN!,)&NW2 M!!;H]CD=F7;[\'NAKH_$M-U$$71:NJQ.N%Z-\5>?
U2QVW%X?2 MG/(?+F8P\=1H!&MGZDS;IX-GG5W.!^>DJ/9('(#R]UBO[^H(!V2OG7!]9?Y MZ8.6MR<^^2*?D)%+GN8H?%O=6V)2V?"R3$"\:LPE@^T+SV+KV?
ZA=MMAM-7M MQY';E*BTGWC,*+8LOH?2)41-5S1;.-#5R?\V\;TD'[E>V[4WBS^=D*,#SQUP M.:J-O!,M(=+5$P^7%KRRC-7/_31-YO1B\%4*L!U:M)W\=X.(T7P*H""72%L
M]E>\?YAI/G^=RM?W';P>?)PHO2*#+&DN/UF5WIE@]4ID]6+"]HYQ:'(:A4! M.A"&D2'%-16]-JKYL$Q\?;)([5FZ5M2=QM@H"U_]Y"2"UN->!.NKZ3 3$\/U M#/8B4]_?
#LQ06<2;?<\W^3?,A3W7:VPOH\)S?X\/^S/QG\;KJH4OEM=2K] MX>M7G:]JXI;*]X(HHB _XH%-?6=>KMIV0!"QLJ>W3T-'=)C)S347?S\KJPBU M9C&686<4L?C@\E-)
[;E[4I-G1KBT>+E[^>6%]?,1#[NSLV\!<@*P195S4H?*.MYVD0X%/L'H9[>V/D?OS!UUR1T]"2*^S93,!X1O3N4?+@CW3R?8?8L9JW"HYQ
M(1:T@HWHC\EIKYE<5DYZG.1D<- =$-O-V4<[Y0M557V:G_|PESSY]QK-A' > M0@C\4/V1]U\^>&-./?8*NV^,,P_XLW"F].*;1\P@DSZ]H_T?BHR>Z]N$XS;+
MEH\+9S&>=^TR'8IW\%RG R'2)\1+1,/$-M6A8+*OPD 1'X]7A%KSZ(:8"D>_M%9RWJY4G98^U/98D2+Y5%UN\^+Q3?E_V4M7^3I;3&\=/6KSC[6ZTI#<\9]
M#!//$]35HUXZNIPBC*NZ NA5^],*O9.&8*KM04G94"G66#C#LHA6ZI6YA3SN<3;0) M]['IP+U_/.P9N\;D2>0BPM[72#L T0'0Z'-]?XDZK-3]IS\7XZTVM($7?WF&
M_]Z#!)\>B89I3:C#I%AL^;6,I') ^[*=B)O[03)[YP72Z$##1R%5<!V(FSR[O MU>5.W;D,[F'7A@6,)>KI@!5]"MW) M0@6="(F[&I-9OKJ'"9/44"Q\W?*S&->KR#Q%Q)
(G7*RPVPDZ/V($%^GX,N#]T MC'#5" !/A"QE,U^*!|B%!H<;H/Z'A6D9DE1:3KLC,OK2:D]4%S@=H]&1 .I=10D^G ,SK 0NOXS1ES"R*V:IAX?32Y^O5W-VH&-T
'M*/W^FJ^V+=P<,]ZJ M+ZU*C[IP CL"8=2%Q6\S*$(,;5);>)V7^?W&T83Q],Z,<[]P*I')ZRL3S"^2 M#1))\V1U3;1WJ@H^=YT]Z9?IRI4XKRA=V-U=)9-A[TV4@R*3@4+?
P."L/A&^ M2(-]X*(Z!!]"#1HBFW.WY%FR4X5BNUE4E2:)VGAQ(C9D@Z+I G8L:=KZ]G.]<_80 M'QGN(+F?F\FWR-5KQEK9P]!0VBYWIT#WH; ?
D'/GJ,#O@9.^);&4Q19$M+B MQR|]^00!?1YB|MOWQA>5_3-ZU!"ULUA.S5D(UPIOS@9'Q^4+ZC2>EN,2PU-L MY%CXQP5#=-Z,S>,7)>9A!Y4'@6:!!_G@&UZU\!Q:fM,>-:
]YY]_]R[WM*V' M!F8T*]3U.Z5T1EE/%5@T;K'?\68^-2F,\; G@=?`@)#YRB0Z,)?0X]]-C]^C M/GU7C&J]$!X#[ZY*?2SYIR?IWPD/VY:H49=I[-K0[Z8L]
[U&Y^6(2=\P*2@9N.=*'#T]Q$M;Y=Y7[,X5]_| M)X!J_JOAX3"'@#?!|K\FBU 43]UI.K!N,QNAT>!Y-CK/3]$<,QH;]61FP?]* MMRKG_15!1%OMP^-
SUD3I7>U_{33,C<@]/GU0$/(9_*3)]K+28'-BPHME&OLV M1^F!69%C\2)#L1%M\7*/*ZS#_^6=QM&!];,))MN;<'K0O0G_TY1IKS&"#I1(" M*PDA4;VCR$]TWM]'!]:DU8-
H%O%CV4+1)49.7E>NYT)5?ZN=.7'4)W7^9?20 MG6>]FSFKQ]R=?)?6;WZK?.E,7 +_8V_Y*X/K\6T95P^O2W+T$87B[\A0B;M*(QC)1KK3IX.-&.!O5 MTX!C.I/"4_EOH&*[%
(PU-0WI&*S,0M'VS8IR)7WX,%5_[3G4;?E$,]K[P=[_&C!D87:[RGM/EF M;/UW86RKQ!R/=-'L.GO1PZOQ&?D;Q%0;_-16TZK&P^-,9LAJ5;<$L.0T3GI#W
M)09I"&\]27QZ%@>3G.CUA]&"PXW.N]#'32^-'*?E*/&]LUC1>O4/\QJ]\G]6Y M^LKMP7Z(6E-%;4.M%=&+FD2!D57=46L*=^%6/>O#2#L'R0LWQ]ZL0;$7!$Z!
MO:.L(]%%{'3"W3=.2L7D#4XUQ^%D<[M,:%ZLKTVW< N)0H'#?C-2QVB#"E#I;6<3[WT0K\RO/N-CSYT"-/;@GD(3_L(00'"9O9QO%T-(9 M'FW(2]1(NO_ZH-.V@6-
H[" SGIZQ'Y?#VA +<. MZJ(=)BS73DO'_RU8>^ZMM4W!25K*YS4RN\"K)_E9XIM4Q9!OL)^NTP$?0%= M26-PYZ:=@@?I2W2
.^Z0]3=7E51O\!F.V;_S[':X&S6+K@SK)S1=YU[Q\E#G M7N7Y^+MG@!8 &V5MFAQ6/L7[E2VJ6O%+7!7\%C7;!P\%7)_/[.$F8N#KY) MR)OOAV%^@78<+!4X=7PL:
(1+F/<& O!/]+2_>Y!++T+V8>7 YE11<4!&U=<& M#5YVPT1@]!+2JH.,/]?;,<=O-2^;FQ7#O!>ABC JZ8$> O0OGJ9:?9,$= MY_ R2==-.>W@\,H/5FX&0D'7,9
E+>8VL50YD*LS-*1:A Y8O]V=V_O_\3>9 MR$/"4*>E-OTGV1"/9QV-C-;DKBL[+%]4#?R8$E.81=N6X?0J0/^'"#W<17?J1
M4]|GSRH:$')FI2(+@^=$T"3%YF)#V_&KVN^;F7W(6HPHG0[^] MVD%?($60V2B\1+B9KZ#&(3!'67>-.IK[*7L)>W.(7E&,;-9,T]C!['J'9^E.;]Y\$?K\- M F-
,0!E+ZQZYSR>1."MDO?&/:CH0U74<(=Y5D/R$>}(LB_G[A/>%9SRMAZXG MUF0HE@U&,>-$+"-!9L8N6W<+!UT;TDM4C(O7C7!T560G15I=^0WK>7H:7.+R:1Y(\\&.N_;M
TB=>/\H?CBZ$V7AT^O9,= S5\;Q-+7J0NRG20 MY5.N_JT8LY45**Z!A65,W![^_*.@]-W'WC%=)=< MTUS1_,*M#NL%;+MM"L^'72 G2;MCF[X?9Z #5RG:+I-?
X<2O6L)XB_8?MQL MON=2!-O5\IV*A E(+,?5(]QK"#04/]JQ',*;^V)7''"IZNO506JT10Q.0M6Z M^NK"=S?.\ BX M" *LPP]1%;\IZ!)*&X%SONDZ"LTY&_1ZY1[%'8ZBA?
>4)9_;ZKR#JG+ ,R$[A]=T!"&VD\-07XM>ZBR:;!"U;7VO')I*.0D6^M\|\K$A^4'<8 M@TYJQ'(H'QLC(0WP,+!7TH[,VR^9JNG2-'1&YN-MB^MHH]D1=Z<.T[,$9NY
M!Y$\Q"2\3LF: 8UM$Y_B:658. R8V=BOLCY^G% 7(ON7[A?^?6?_E>/\._EH M&JM\ZG("O&@C),NTB:<_MT;K9?R3#)D1-\|1&[LW6$2Q.8KR1A8P9$^3!B M5G?-+:\TAXYIJ
#)?&["KNK7=QL=(YZT))^GLNKAN1E7<7+RYTD^>>>33E.>D MGEPJ653)9!.5U82$G-.,3'M3>WKDJ1;Z^NLNYX7C>@PJ;A(G2[4"OBI*_;_-M1NBH.8[H0HU^
PHVOXXL605]-\RK?1]CJ455U["Y^'^T=]Y13?7=GC^($*H! MI M$!06E2I<6$1$1,:#2A2@(@%%:0%#0A%0NJ*@]$0%!14(O4/HB("(] X) MT@.AA4!",OBL==|
[L^;.FGG6NN\|YUY_OC|>\Y)SF_OW_[NW]|[*&521EXF MNEKK$86FH>3+V*$!QW4-[/ A0A)BXC%.1]'7L^Q$5'YA\GZ$JUOBQMR1D/O' MC$7,N59)[0(52Z:=.P3_=SJ"?&
[21/DK [-)TY@I>%-HJ6T6D2+Z-&VPZWM M BT/!PWA,/;\1\ZXD%6O?SSKE$DBRIA,,W^9NXQR\+@AT&TKL4]M+5LZ2<;/ MB_ ^YY!]?Q4B@FJPB&B$2:
(B'@3HYZMUNQCM/RY28LQ\DQ4QMXGO7\G*XGI!: MSG,NN?]C,H+!^9 1S0.V< -'2K6ZZ_H==K M?9DUT695R9?
#=5]M/HICZZ#Q3T#D9"5X\C*,#MG':UU\U[!3BD2FWY/6M;8L32Z#[#PJF=X%)68DENP^:G$!45]QO"2 _.YBN0]$US M6Q2ZT(=Y"(:U/C7-"ZY=5VP_,4DD'5LQW_P]
[VP!>SR$B:B?%OR<"4&N_V[M!G5UZG^7@Y.*),O6XV.WPEY>)V157FB-Z6PP3?]/?\3 M4?I]!9^^>^U>L@#LD*D'IW+1S_K22U(\+W>);:>[=,!FQNZ[_*)VEBC^
MCSD8TG*_YV!D;]7@IX-]JAZ#'KR M$?81L?Z%P6E*NVI+A_3IF9)\"U"?JC:!'?,/V6U..?46&\R^>N#GUU>.AL:6?8 MVB$CUBZ'ZT_;EJ44[T6U=^BZNY\T3E2?3SV(5&
[Y>=A.XXV.T%/=]^X3Y:/ MUSDD[O^$A]+(_"HOV];?L^(>X>N%L+"],N_WF'F"0N5-5IH,5AZ:-=(,%B+2
MB"U^UA\L@31#NO3IRX<\TF$SYI'>D;=O)2LS..6]I^"/=6XW@6,@_"5@"6IX M T715)'4G6&J).TSUP.3UGL:7R7)E?(^,0)K).Q!TUK<3'8L>AQ1.Q$ 1L*@=V8=^8.$AL:?
W@2OB MD2LCAX/86@:'7"R+-]@&)\F7P9X4> 24Q\N !W6"G!6VT2\P]*[CIWG6^]6E M]Y_UVBXL.6Z=WG(Y P$\(>2+3""NLB2R,WZ+I)OK9'>]Z4>7MTI9H8F"%\#(-
YW%"3WM+!R_+B9I MMG&]Y[O773$;"LZCNQ#QO"C=[MI#LVP[D4*.C8O\G>K;&MB?O*2SWGRJ/<]= M/CEY6Y:]N#C7O7MVQOQIM?4G-MPJ>G^;U=[C+)UPKN@_Z.
MX5E&\Z(XR;L:$$M\ MP]VR$QUG'9@QI!A9LL1Q*W++3N:)R;>OJ^4>F=M]B:!#YD#(77B2SOOY2AQ= M.*J,;N#.[]+772*F<&8MKLW9G
F,$64%OF!74KM.XRR80!3O+JX$8>?G:$-Y MD4SC.KCW76B72EQ9Y05,@(2!C4#(?IP++1LMD69C^Y#C<]@?;-R
MY6DA@HD9U"]7XI(EXS^ROKB>$%LD8#J!2F9%U+I*;,GX'Q(+,+)#M\D'D?G$9^_=@]~|__MJ@'FF5T"<;<.KIJ2>O$|/O-S&#:UN4>S]11@3,H05AQEQ%J
M+]'JI9)&O).(AY6TTO5S"=\X1YN^DL)2#M_G-P?N393:-.RJ4>[N6;0[$E^? MSAE)*M[5^=[RTW3'3#ME9^S.\;2$W. -,8R,\)H8Q&[#!QC-D4NN2V^2DJJTW
M$\A7UE,E\[J9I(RI)XTNSU;IO^S"7]Q2?@P!,]R-&=\W0(<01,6)QOTYTX65-M%T80#^_%?_/Q^>931SDL3C4RVILG&OUC'$3>NU(C&(3^4;J#:8@M?6/0=N\#
M1)"@0(&R>.G/;P<^^P.]#QE(\:3",I$'&_;Y2R5M>O_J]/R'UT.-)6?=)$A M@URM)+__!_:9UA;#?3IX%@"6^RB^#F$R*/Z?[GA_M+"I/&2?(AB-?9#
[Y^L',5H+/<,XP^L*+,K?"Z?_ RJQ408\R:WCVC\W7'FG MS8_3HIPT&CHNKES"PI:-[_=M8192)^%+7>!Q9/J,WG5/F7HOF"47]@43J'N- -M(897=
!0+,5Y2_ZQ(<<+M5,RI4N_F.DN;DZHVS,7Z-@30XW=D9\#++PW-B>4 M..M^?I*$DOR0VO(!)&IB>73CRSSPZ=^HFVTRN>5XU)/#>Y[*D^KO-V244P(@ M8QN2C#
<.9,1D=W^:9*!CM#BR<<1>FPG YSJ@%7.ZNSJ[I^%SK "/L:,MK^Z MM/"_JSUZK@A[L9YVA5/K*1&IS.M"2W]=,A;_15W>;>WWT..@Z< -58<{2P=_ MM!VIE^%?!?
L_B\>D3J^Q3^KCF[B#-$(D!4M7!4$!$B?'0@T613GK)L*(^U&! M(2]W/CJ9>P3N3QE0*3]\OQBHL-M0Q3>^IF>Z@V6RAB}!]=Z/@L&>PJ-3753F$#8-
N34RU_R_&!ZJE6$PQ.\]Y0 M%D&9=\'8+^2>HUUW]+*#6WW4?0YJ8=233X(U5]&ZI6+EH&7[';&S>5M=GLA
MZ;4+_T$:G04W!>4=I>*;T@+BW:&8(-6F0X6)!)AVDH@PM=;UUI?Z>1/C&NKJM ULPU(M#DR@."MV]\UUJCUPZI2_?_'6[%%LHV+$PD>\7E>!TW!EAF3&-A;S9"KD.
MH7U-[^+,CO?%'<+RKXXR$0'UPM,,XRY/,6H6EL:HBHVP?XS)S$) M]J\^W8]#4(W(IB4'VQ[]C-VT;:=M:4 M5]N^.'!EG1B,6M#;Z\GY@L_@T"'E=
M:I3/BKN^^C.$MH-]76R3B[!!9?E$UWGJ:.);UX"";QL@Q9Y.#)_1Q11K;S8'M*;+CC?AA!]FN)%=."H;BS'Z7NO+%RVQ,0?A)3__UJL?8;TR'\IGI]>4NKCEW_
MEM\LRCCN#$!>?NY;WK."Z#!,.;6=+T'^Q3KB@!)7W^XLG_.82?GD35>-UM@F M!45.ZQ"H0;23<$13?_RQ@;6%D&-38U*-4ZFAI)SVAT4_26;FT*#^$]L&S*!H&B&-
F+6_A^3);ICˆO[S)DO.ZQW?WBM:+"]=.GOS# MK(^AA%;'C:9I9N7HD0_"#9Z."Y?0I:W7#%%H3SRX(V%-B]342?P:L;]}91PKKR MN0_OF(U'8I:U?_?/!C3I6RY?4L++]
[2YV$T-GF]U->-#9F\D34\O8+//2 M$QEQHTY?+[2F-2J9;D "#6+D?S&!H:PZ/#D5=39F!DUZ#H:)H>=8DQCU%Q M8 "(.5@BXW?'+*8^ZW(D96SA88-*$#^/&)C :?R;^
B"1(VZAE1B>;P^=T@ M+')I*LA%X5SE'/]+!. 4# 170F=1M>1Z2_CZ$2 M%\/_TV<,I),G(OUA([4W!8Z57V*,G+]1>)ZF\ M73/V^O&/O<.RDR=0I5KM?&'SI>?(,4-
K4/;A3;%C@BSK*W@(>=VF_42'*=Z ML/I4N^;;(TT"F),*"UD8@QXJA3,-&EIQ0T$("(%=:,*%R7:PTVR]3FV)&SF M?
KD@,^IWM.+5^POZBZEW2=LC,^"7X,_YOV#E&AM4B;4\]1^X%9-5^.RN)VI< M[=@'1_6,Y?8]GQVVZX[VMW1B JO2E*N]Q8F:6PW)FE_<55M:G-D:P!08"Q,P
M6D+4YY%D\RN>CL^(^2Y+>^,$OUKU!O %L=<2>6.S8A,UQ.#KM.38IIN(FZ[M MUIKT1^[O]P1=V!^95!!\"GM;X<&28N+PWC^RJB/Q&1.H;K:9,_>VSW'O>6ZZ
M]+S#X^J_M;LOT2;A5$,&I-WCC*%L3^A\V6F)^#HO>/V!UD^>Y)786I6]"[:V M#"0WT99R$X=R\'JSG3A]D[%^:Y=C_>6<>KW>&/P_K'J%U>_L2/N'!E:S_N@>>=RQ
MN0%S:[ZS"^N3]2"1/,IX5]"C(>,,XDENZELOM"2$MN.LX? MIK3>Y+43\FDI,@V3A]E*)(,'YIW}_%1.N"P#%X?Q,RX"V_0O:AG.WOA-0=% M-*\P5&U#GQ5&'D]/L7?-#
AHI_,G9/6F9]+2$6?_^]#N7P76.KP?=DAS@%)+_M?9")M%YIVG(2B87U#EBNDTB1=<|>92:Z'"%E NDO07HN61K;\[0+F/IC?MB] MO9"5!D"<,Y
97SSH'O#^E]>MGP+'7]F>O%'^C+AR^]T\O$!H'4<7U&5<*B/@ M=B-$F(!)\QG(*V@!GGX0ROBNU4_9@9#8)G&:K4U:$BD< M)4$Y#+MSB,,:
S<2"3&73NB)R7FSWW_/XW"=19DS;9KNSEZ6'^0+=-[) M3M5AQ\L-PHHLPX)?\(Z,Z8*=1XEBQUC.0RQQ=3+8=Q>=45",)081ZAQ,";_M"4MH"G36C7)>M0VW%QA.6!-6?
1K4*(L:&%,?)%YPL25:G;,0LCH/L+[=|^8/-M70UA9_R$DR^&*%-Bj%T$R",MJ$")I)3CS7QL1S.XE&F&F$8#1@?Z<%5AQ9J>*0'P,Y=' M ;RGU%M)O=^-4F&+8V @@'Z7B

*1'DB7^ETA%F$.#M]LC[_=X,3U8/Z.1@8D MF3(IH)#YVX$>3L^FM*R*R)S,IN_|[H2MW)X*"VZU":=&T37&>XN#&,.4Z3YTE MG5LC,M6^+*^7M0_3X{GD;IQ-=:N7X=JX2Y7IJH-0K^&+_-G>Q7IN0l.!?(R M:5%B"L^$2F#OV'Z!?MZ<=+W*@V4K;4'XG!T.1"$IT[8]-7OA4?^Z-4O&:\5?L ME-+4)=(=IXJZ(]9B(O<DY.?$_T6-/U:54!+_OSH) %OAI9%F?XP %-!UU=3'Z\(-QIUD])F M"%?;^,2O6=(O=YS\O.7&6H. ^@I*@QH/I@E64%"HT$Z717!)%AH3C"*X.H RS M[45O6OP\N_0&IGN#X^V:O5%+W_%2ABXU!LK>@\>A>TNQ;"C9!^IP#KV#/LIZ M5CGVF@)KKLXYG\<.`)C+V+RK"7MY{0:K"^48%4$ #[<3T5]HUU#F1:<&.SL1 MD[G"=]-TD<1CY[Z!V5RVGU\V\+ WJ3MBNBN:_^>UFY,2+2@BET:56FONF.?X M&'ZPKXSPWI=MVU)W7P1@21O^GZ.[*HPX2HT\V\2-4;;O<2E_QG/L)RI9MKM5 MFW);JJ_7TOYLYGQ[VH&NKX\;-*3;.?Q0R<25(1/[;E0[CO=Z_)T?OA2/>Y(-MB7>G,(V@'S:?T1U,X$ 6&1XQ@^_UOE725W);2^_J$9L8&9FC24'[WW12$R]2 M3A\|E=;&6=H+M3+&H7]15$ M14 1LO1BZ MU>@1'LX31P_JO12V.ZIHK]$=FOHIROCTQ@7R W-45\V@G;Q$D-M5,M_H3H1V_K\MI>PVNS&VPZ[_1*0NH&XX\G'_XS#12$76,^=38?,TL+2M.6I MVB6+=P'04-Q5,FYI-G>AZGB_;.*%,KU%X%+&, '>1!J 7KJ/WD?\0,E239I M0LNOS:1 EEX)SW9571%-M+J8@(%N&9MQ;=/"0$}(EX^[)RTTU1] M0/FRY++@Y3VS-,*TO?*8H(CCF<"/_MH^7!OF\FF B/W=I:"/S8'>&CGX$9'. M7QV1APX-O!:,? 6AF&$Z_!BU;J80+4T<'VSXZ#AH4M+7)#GL\;/*2GV'KCD'<4ZR MB'7QR++?@]-3V-CA9C).(F`$$#9:?/.J\!9K:]536C9(?2T!9R=V M(+E :!-&ZJ:I-=(L42S]>OK> A!!C^W>8K%70&SQ5=K[^RJ%GJR_(IF>XQ!. M@&H|*I_G^5%A>4K*KK_'S6[JXLJ3D^Z_@IPZXO&|B83V/^sNHE# MQM19#4HB]AZ"E2 B'HT|KA5E_DI.L,19YNC>7D>_F!R9:B!D26C#U%ZNQD>_MA2^S:5R)3.=-::(&6H8HZ59Q>]78*<4WMYF]'6%+VM_'1125F0F%GOVC#&GM M$*6^+P|_!T:5TXI$\\QM"9A-P7FNO]%9L^4\&9=I^LG\M<^W["-B1)01-@UO MBO>$Q G0.:C<1(CX\'#;@T\>%%*C]MKE\_R&%2;DQY)FF$)>U-6]1T=2 M6;/G@Z&QC%/4C_V__&N" WK\YN\^>=C) <>]8Q_;-Y!FS$M\!E;<)WD4>F? MEYAE/VA;+YGJ/,=L/]\YE2_9>W>-]F,+.B7RV1.'Z#N6;(&?=C*@PJ="9"=7 M&D73B(34A%,NKH@L0",_Y$F,^EMP^7+@4:E3T:CX" -]FB'2;9;!648#!I&(M^M3W(ZU;\KU3!?UZQF[-INOI8L?2+[P2X_K"%ZG#!T$V"B]]M9Q$(I[%9Q8 M;9G#Z(4(9=!,XO5L[38.>5R+S"^X67PA!CUWBT5Z^;A8VSIO()Y\33G4Z3!U MFZ:N@8_TNM6G\5NX)2WRS5,6*Q'9_:>/IFBW!HPH[68D_Y]\E<0!^LX$1*&3 M:>B#5#.:W"CI+'FF(&^0;DO^GD)^N'Q 8+?UC>K)-I]W9|@ J9MGRV^<&85I M4 *7=%=Z0 M-HMDANDC+A;CAF5%KKFZNW4I+V#S#:?YNDWZA'L3#_^%$N3\'+_# ^\'_E MT{W]$6P;8+:F4Z-GB;P2G\5L@_F">XLM0"^I6 J&W%]5:R:3?+[B3J"#KU3(-MC]5$UZ/5&4V8HI7'&XX_{7)TFEA?CY0.G5J.IX=I;$H*LI!K*%C_#Z,:-;^*_M^Y-QXS&WY!K)&DZUQ#YU!][[H_?9=H8/P%NR<=]02QLXO0'\;2SW0E5ZQW4/_M5>SVU/&-KLI2S%DYUE\[\OV;$T-E| (+18=>QO$^B3H9E*+/92VY{JQ!OK_E!HHII/R+E2NDWI*1[TO':CL O=25*1.MK^S&W.X26HBTGY$/45+K';TH5L!8N+W9# 1],/DI@.MMT<%08']@>P>T-/#> MEA1BO3-[-C>%]V^BB*]Q?Y M09R!7H^AG)1CU34F4UV.C6"D+^6'MR@1!+D<1M,S=Q'G_WHM]5^!?;4?@M7'-M#!:6&C7JRAY_4!DY?^LY)3S@?8)=@@K(%PYB-..+$N/T? %=I+=CBU!9S]D6C M58W=Z7QJH&%OLE)L0.*_[+@51FR:K#]/*:\[@>;CUGF@2_MGD'"FBKOH+O?+IS*7IAP"X!W\%@K4-;&VPK=TV492S'7&.=KE[)GRF)F5)^V M/"W'$+]2=*!)SE@!U,#U@%OK1^_74:[%<>E!Z_'=)13P39I>? 5)<J-A6S>R&.\& _]!<8B+;!UV_|=R1\D,Z+C#IZ*=BL_&5WC!Y+B2U-/,8&]^Q,# MZBQK-4*;LG2UKH?0V?C)/5T:P1 "T=42(Z&S'S.8 &: ">R9SXMLW"<12A Y M/)1'*SYA9G)]QRJ3RCU9B;NLU *1-@IXMYJ:0)@N+0 MJV-,8..X1M9=,A-H%,XZA<1>.B<#%K& M3"$2_-9]70^M;R*<*IM7Z8 M\B&Q<*XRLDZ?6'H?JFH9.315 M3##A%K5GI*X\5@_&S='3#7*GS\N;,W/-Z%LC^8C)(OQ\QDIHP_HSF"V//$= M!F4;7_G\V8@*P!8=TQ/)10UI_-8EW8IF.%,EP8ZAS?;DQ(;*2CF6@I:"M^97JK9I0 U@4! !4 !A;VUR+3(P,C0P.3,P7V4 -I'VO?\MU[?^=;]YQ]EYKW^^N]Y? GKX3). ^9\QQC/,)4 M:8#UGKJF.D:5M.I1W_.ZAB@"M#1TO[V-[3S29

JL[C+9NE@F'I)$K'+B%F,^64G]*P#GC[P6H]G'50(KMKS=7[4Q_^S]&'0 M+ ,QY.7*X?LCGW-8"B;4SRR4P>1F'06H@/M_^(RA*J4>=A20PO-1A4M_,Y_Y M0[A3RU1(M1A8EI""#7/MV!:L'!#Q-+E)GF6'U%+&U&'?@B_YIE&844'P,6& M8DB_'*67X|F[(-Z/DC__%G;.HP'02'$J2B&!?)#OOZ;3O;$=#^BJU M9O<3P7*>]U$*C FIY@*>'0XH@D;XIGD2/B%)R1%PLAW'<3UL>7#1)WO.C<2 MQ;P'[G&L+UQ\GO0F>K0"/>8ZG9>90MA;;!U>Q>]I) J.*%],I8; QQSG/8= M?,KE+W!"0ODZS=:Z;Q@5H%\1A>1W-LIR:K6(#*VV3%,9]2\9RBG$#-@6!*[M-6'-.F;YQO^AB)MN":JJHU"8)KI0*%,>.?.NP;~4S/SMLN>\;G'[?^S"W^ MU0R+:N:7D]NWI<-V\VOR37%6J@H]WDHP+GO>?)]GC&N7@<-1I28' CE$!TTUT M(A=^S>,^IMWEQHW\Z YWI2C7*(_Y<7'9>#=*R!X#AU"49?X=W(+5.E4U3 P@=!9C+*@$],,9F>/Q)U:FA* MH"3@@_A0S4.HUR% 4I*<@00]. &C^6'E8*YO5.]Y,MQ9U0VA*L9R*%8)]H@_M->H]EU1+PU?4EQ=_S_A.L-92)&IRVXJ&/"ID"CU]"U2- \B%D_G! LZ*?(QDI M(VKCPPC5_<]*?&:^:U^\=_O.LZ]W;Y\0$SE+O"R#1Y,D03Q'2G2$B[^B M3E3 MQ-Z ,\AH:8AB/9P>LRF95C)TUTNS#* N-$3&+ 3@- Y"B(^.DZI'LL'I#WW_BNJ)E<[V85%\'L1DP?J$3 MRJ?+Y%^B2TC-M1\UFPS,,EO&[&W:^=J)WU)B9Y)V2G^OO\$H8_A&1DG<[=LP M :E9A1%|7MV;6A&TZ9@B[V5Q^E36UDWQR %?-5^W:6@HNO!!9.XM+X?IU5SV M%;GCBKGWFM=I;XR\86\/M;E)I^0K/K?.4I-T 2\;\6,E_D&85^9CN\9CXT/Y M/$I?1\Y_O-G-OP WD7#@?(;O9G+>4$/#=LP1RUO/VY UI-M]]A>QJ$^$?GKY_7NO'EM+6_5K$07P4/^#&8N;0(%&?:8-9C4'SI=V16%N'T$ MQ4H<_CI+!5Y? 6X=[D)CSJPEN1A*Y"]6JCKDQNIH DRS>,/3(U%YL/X61X&S\U5YU6U@8)%=\51 *,=(4=IE]7$%BO6;2_!! M-,\9;&F#46F_%4/]DTL.RLKZ[S[Z!PG3]7X $ 79_?% [W2&@+8O?;$,:,Z0# M<_2\F/5QV90/A@%4 "X)(33Z4($P\&5/$PURHK0.UZ0G;_-#W&[;V.=*Q8MW M+ *]%%6.7T=*%00#I'T<2[@;]#U%LK]2(]4MWU[VBK%2XW@XHUA+?7F,$ AE MOW\ >?'U)+^>,_MCV*7>=9B=V$^%>E,GFN!9>.]9H<2/*=W*5<<:BDBGD@M M? %RXC+:-6D\R;NC+ZQ:+OO62@Y?/9/3#\M9)K(%5;_.B6D_H7D=L M;NSD"#-@6!*[N-<(!1'2$+?'C=SIL/JK=)M/:<(/1'2$+M5K+Q5YR#<2$< M>*5XM^I8*S8A=_>Y3V&":FH\LTI2R8=&!L1;!\X,%"3:,_>KUZ*7"A3T6>ER MU<9U;)]\GOBC29:EJS(X&)C @8+G<%)ATCJLC4ZEK^SB7"88^8.#9*\]NHI) MKY])-4N%;), <\5F>[WVO*PL/]2GJ.O,UZ09(N);Y83PR[+=':+]-4Y2>1/$ M"(+2^78Z7'L1BE]$^C9JK]V89E[1N#1,%UE;TR)_=A=)<,RE;!TKQ"'N**F MSR!M(Q2K$+-3'A1EZ.5>%8$P?9L4@6^_4EAU=#YHL+W3;+!0T.=9R7!&SBB M&{)>_"C++XD!U$"*#*\P.R$Z!VI8^3CJGD-+2$:IVZF/NUN++%FEBL Q1E_9K:]==PS_1^,WJ<&C-0LXZ M>).6+L;I5\7CTQ@NR/UR3!NV 058'IT3;YM:Z"A= YK.&052XRYUE_O&//B& MY=8\.2=.RVCU].R._"X#;54!=*ROR9JH3Y+LASXB- JVC/GV=1* ((68'MY0Y M:5;00! [*6]2BQ"'+$WF]R$<01?!U@8^[_J-I.QIK7*#OB>BK?].+)M#\)) MZ<68BQ+XTTGROJ?/>4K0G[<_]=(X4?T!6+O2!EP\^^DAC? D@7F[O31&>H8Y\ M:F;_W>N@3L69=F%FSX(. 9-6FJf'/_B!V8&O:^F3"?E6:8.],FY*&O,_X#$<G:&>EL76C!(+EE/=9>X0l.K3Y(3P?P$>J$2,'I)>84*RYB,U.Z7ZY-/SFTI1S3S MY#B>H1%UTM/*6'3P8OSSV;4]1)5S1GL-2ZXJI@&O0\|OBSD1/T2)UVX?!V\-5 MJB =Y370%8+HWHG!*U|$\- /CFO/)[=O7*$|YN^OBY\|"7*\G\2W"B@H$ M"C"P50J 0@PJ56@!'B-&33^^.N<_"_8=5',5N$#^GA'!VELD*O[T_Y3L A6H MYIQ&3*G_5A)AJ]3$AK7_L,>PWYYX&GK@__N/W):]13"+O2KD-M9Q1KT 6FX9JARCH_9#:#)KEQJ9_SBK5^U6!I6$J,:HSRS5!8AN$%(*%I8SEM=[NK6_^ M.@W!KQ?1I,;^,]Y(_B\&4 *T9*_;#1E1'E.RWOIM9,P8A4VR(UO)3,=,D1!# MD%*PK.? HFNPN9:4GBD-+$;(Y1^WFS^,]Z;AZ*)5CG$M4TZ0XBT7/=+:S. M]N!1@Y%E'UL"D/7*!]XVZ!T %;K'\-D3YXG366&P8PYVY*>5F<362-NGGQU0 M,N*G8T&X8^#=6:PKC/O.O1@NHB1TYO#KSDOYX"FFUI\LiA*ZJ.]60PJD&%i#7 M*SOXN0HMC5&U^27NGG5(P^^E13Z;%(6]=:6 R84[2$2R/C;58NO=6_18Z MJC,Z/\;J]IS7Q4]%57/@*'.4'DKO5\1\S)MM!'XM@.PP?TWIT5Z]_D$[*>X@ M:9 O+M?,=VJ1"@ 'J[70GY<:7#U+&S)2)FS2FGOVR#O^.UM4@'=_ZCB)CN"+ MPTDP] 9 MO<)PD@4CL.!D/[2XF .FH_ZCLD^6 E,?SA:AJ..ZLL$<,3TO=-P^F .O:Q MP!22;= *YU,Z0CQ>0;Q547N3U7.I0> "2A(RR(7;A!A60\'0102&82BT_EOYW MGB-,@O- #!9T(K]M[W,E)*S====*:O^9'&%8(!8%]RI)FIC?RPA\7=&QN,Z=KX7< M_PA:??+HSYY_*?BD6M'+*Y5(JQ ?J#PBVAK0*B/LBF!'H0LH?(2L,7DB.,9- MSM1WV)0*W - (X4,R9X9D%8/($-F#!9+!$_G4IST_HE, ^P_X?3HNX>(B3!Q;_MK3-'MU(HEV"8UHUK2P"_]GG!U*K 6D2!1T,$K]@]:=V4T3(A4P>1/41]>VTI M%># [K5ARE,ZG3B]_OTG2R9U8UMG#,L" 1RBIKLJD%EHPU8 X=^!\VD\D MVG819*_8/?++)9TVP0W#\,M?^XOMJ 8+XC",R(7V9US] 5Z2ITLK=@#MVRCP MP"4%IEC1^PGB@K(^CQZ M]3C7OHT2&/I;=N^3(/VJ_.">"E/7B0G+BW_+Z+?Q;4RBAD@OLPGF(.A/.[_G MQOJ";O<71;-_=$Y_V]X+]@(YQ.PE3X-D"(X.M-)^\KHE.;"9A7'^6%+!68 M+5XH,_Y0K,.JO;#R)*!Q>U&PZ^./:/(2Y.2!Z0.KD,:CV)+F4-*^H5&L<>)V M8"UH&YR$/],,/;&D&*78-"@*/:!Y5H&A$.6A+4?N5TKI\Q[<6]H)$#*"'V: MQ&7(0TZX>B4\>/MTH9$IWC ?]RFW$A_3N=QUN_V"&#BD!TY;\./O!RK)BC"MW%C>EW. ^F\L1D2+.C$#VGJQE=T)L*E!%,#F_&TB1A<=4P&R**..1M2/D/Y3 MYU,7H44&~W1>-6B^]D2GOHS //#A2:R>YU:$8!5/@!$A4(C?6.'>[+rR/\\ M9Z;P(IH#OW_B;Z#]4Z:DQ"9CTJ962WM'[$J,>,/FD*\FAT1BU0_%WFJ+|!E9 M3MUYE%K57PO)+VV <#,N5!>5XB82'!T//R&KQ+RQ0NVTRB#'(PZ/MH@X;NLG MC&?>W0]RNJJJ438ZAO3]X3&'0!.,_(.ZK\H[\AT@;5>1 !U>6>RFNTA)UI'3 M(VK!7#_[-XI-6G(E#$_EV5Z!5$F+)VG@WS9+CSXW%RAZ M>58[NW7^&L^W53.NBG- M76R%4.V"<1!/$/0UKG5BM0WW&VY<;GT+VGG,DG]2"_G#90?EW$,2G)X**/=2 M<$KX1G"?LC5*%+O3Q.#=|_H2,1"/BV"#R2)#LEI/.]99A6]/;__KQOW.T MH!0'W+0FGDV/0\TZO6ZN"FV=<>[-M&%=F0RE"(/GML:W)5FL8G#6/X?\MXI MJJE_S1O=B(H"@@6D$Z0+TD&*D& !1,2 "$B-@<$COTD,'"*B!=0$!0>E%B$B5 M%CHB M)["2"))002$ANG'/?.7?NK'?-G3OSFW/6O7\\?[#"2F#O_7S*4[!: MM NL_GD/!'Q_@5";;G&O4GNM2QQX8XS4I+ $OG*<5:]5M*T+OA'$?^E71Z-S MYL&@QZ$H2CRK?K>@KF@](.R;Q_*:8C7; 4(F+^U&"0W4/C?,>Q\A2AGOHV- MS;&8&P!>-#9)SFNW,^5>8=7;<'!H12)>6>B%[O[-MDP)D)WG&#QVR",A',*&Y\=Q\547EN

F4X@V2>,FLS3I!VJ@/@TC%8;&B.*6WCMW-^3/,]4F_$BCF0% M%&ZJ+7.R$9PQHSCMEL]79?Y\>KAO5 2$Y016T X@YOS)"M3Y2:NY^]CO\..? MGBA>(3W*)"[5FS:^Z-T]<@H]XF%Y.P.6S1V365KB1F3.H5>,CX3)?NR)-'*QCN8?)4UMU66WWSW'C-/'K =$R14+'_S18I]_M KS!SVIAX56UU='U%OFKF1-L871!NU\^D!^G)^^K/G57^UYZO6%W+BR%[B7\ M0C&A4^\^AX#593_P0]Z7Q\L+Y!.BM)?P.3B]QM$2>2X?"]U.C_^'SWL3OD M5.?QGB.L:G8%S0"G]*C'7"Q MCW5%/%YNVMWB:P_8XN!+WN&7H?K99Z0>6Q(/-O2S@\<'C^\%^UI+2[Z%8^?L M3J?=**W/U^0<2M'%PL*>=_2KWF X'&4T\|H\F?#3:RW@HF>;EW&] M90KHO$*4VPD_;8&H.P-L:[N7VP)37CP^_!+4=*X&K=!VDSP6&%#^H E>BUM?T_[,N;<^&^+[T*:6$6X+M_OA9G^^Y+/4VQT->PB&N[V0+":S".QX-/ '(W.:T%3XW\ZC%L@U:L-Z VI M\Y.$W?LO+ZMDGU$X%>,7.\>K6SVB%KZ^5HC?%@=8I:J%8R>"<8O*:*S"N^.7/0[^.4V=H.6BUA!_^E,Y+W)/ MD\: =D$*>]D9IZ)9]@=J=:,U1Ql.$!ZZ/4@*>&U# TI=SM'A^D9HH&/? M28(X\>SJ$22^B*3^7L&L.6YX_F%):PFCH^6'0ZYF\%%?SXJO M4V8^_]0668? =#OTA8C"#RMH<)=/\'NG4!&^]F>RQ;=(2/0@+'"P^G5DT#,\|2 MC.Y_&OQL*^ST2H]PY6!MN_)V.ZD]?E8$KZ&D$68O(KG0FI7U5-AI*T>D3< MLR+%,:3_]334 60\$/IX%&F/NK -=DW!<"G+((N=U_S]TTP.7QQMG0B7YR+ M'H6R* >,\V/.:DJY9I3+/(["V^*8-UGGX\K'PP;KE>T7B%]/G_^XHW)H#XF] MI2+EO#CG? 6R&70XC<1%OD!1C6Z%A$ESJ@X/7.D]K+PHDVXQHL\+55,[25NE!OR.+PQ\/@]TZ:@0DN M%6./CQ/:H=WL^Y 9FRGR8];=H=61WB(*("%T'$0!4L:'7[<]_+$Z&1!W1$3+ MJK5O1ZNDM%N+4TI9$V67:]27IW\"?VA :,=)!ISP(AKP4JP5S(*1S;'>+IXW4E MAWOXUT$DHDO?DGC^<4YN=6*G4?&%"?]3:RW/EFY/ M'QDD:KOVY5" I\@3QXGWAU0-O7@%;X4'?L7_62+X/1;TF(@"-/*(5Y)HD^Y M$X8 DAZG49WS30K_3D%(1SNH>SO##9R$%CU-7L@VA7T=$!C/P7X) (1[(Y]/;DG:.CP5R%M25L*CNF1J4J++;A6O5^??WK_/RV-EKYFPBD8] M+&'1-Q>Q_\]DZ\]S0/^$Q[VCFHPE*U!\HP.@2WN).&-,:5]IPX7W6R6=$Y=9 M?D? &1^@Q;Y^@.]X)BO8,:ML6 U[,Z0>'W_M6S5/BP-=AA-9J+OP#'3PB]YQ/1\HU3-&^D0L& MOG)3-B^#2LL^F7E-INE2'=9LBKVG3-L&&3S.MDRRO0LSO3;3GV"W^F6 M/V/]#F^211*T=_P57I;"#:OK"78V(.$7OV;U)?G@\ G?ZP"HC32:_HMN M ,9 EG;($,2=[R\AW7#[Q/7*SOB%(,^6_H>FI3A.KA6&C2!,/OIB M..FVY[AEP-]M5Q1T? P'[&U7I/*M\C+F/79_&AU M89D;+#,:6ZG90+79>3D9%PBW<_Q.YP]'MOA">166K3L,WZ.W/]*AP4ES+$!1 MB8!84?(S)?K3VN DH>ET/!NSF]?)Y,$.=]S!4!/H)]IX,3=W?/4%?9)06<> MZL_\#:F2<:,:7Z]PX_;),D@\&"CH_<.:.\O!ISP(AKP4JP5S(*1S;'>+IXW4E MAWOXUT$DHDO?DGC^<4YN=6*G4?&%"?]_6L=1*3^^=KG,+8A=GEFIV]76\IMZ?3'FI5O*=2M<F MDLW-S4_]%1)@B/!(Q[#F*E<'*XVRG4V"-OAS9V&VQ6B]!%:\]>I7NPO3^UR3 M#HF-YY,:],:.QKU_N7PO2%A%NE"5$X+B,J,]R>G9A5R6;N)MC^(&[,&+M*--@ MB PPGXBA'^^O]"=6L.P?'.ZIE#TN\K< WW72IP"P44^W"/2E2K=(SM5&M)OP MB*S10#O7U1.@14Y.B=DQ@ ZDP7K LMH2S:KBV 5B>)BSUO.W;SXW_==O/O^[M;68F"OJQ;=:V4X#(4NN?UY],3%SFL;7:_7)TM9/$>&3<5U7U==;BMLM)EVN[M*IW<3L-41 'G-5(K&+8!IF#<*(;ZGMWOJQ:=EKW%UNS S?1#A+,NNN_)#YF M=?S6-R-3$KT8=%DG%#\6YR'1?;A' >1ZT Y0-G\(C#/(@!+LPO|8,FC[Y"M;V MPH/8S3$"U5KRs5!.I3X#CX5.%G;A(4^Q'#AM6CPYBP'C8?:DO#3NEA.V' M8(Y]NA]>+YL)2KXIUGKUBDGX+8\5=R1]3U;P=563^>)M#]?$M=275U/O Q%O MX@M6BM0@;:F=_]%V]W C#8&.?%'":UTQ?FMP;^D4+9-@6E%Q>GWC*>2++OS0B!FNBMZ2_#8VD^H(_YIJ_38"CZE,.\!'"F"3 MV&2 9/?587X-UPNOOJ6,\"BKKW##QPKG.CW;PRE4G M]S5[@-<#-7]H%UU8"?BLO-::O-+P? 1EER>ZGDL0;5K'ZX_.WZV>(3@I05G+0 M.,FB"IU_G3=(8G 3?O0D)S6-}H=FP.MF=CO>M?I%U,IVM*HM\0T"S%BI41TV M,#)SQ2W?P2CR$[(_^#7=M)Y,\HI:%U]S|:F2_>W-?*[?>=?/AAP48]SUP,_M :L+FK(>P4I_BU.*[K>KHBP:YEI/+RENOY>R=#RHB#//3I;CF-M9<%4+\);@ M.-X.=3&IIV.[>]1&7H_D\TP8[:5,8W+DFOYD3R$72- "!$JG:&W0[0VI[-,[M"RT?XNFLCC+ROOT017U[)?! [+S178)#KZ'@LN*?4F,QW[_/C>1@M6R*5:* M))BAY.(XKS9BJA+!YHI)=WX%"O\YTVX\TE",C\ A\9 PJ_Z/B9%/- _H2/LP/+D Y M8&OT[26&]5%N-R]BSORE5Y/.C/[VSQ-?]RO4AHMK[% !9V^CG&'?7-]Z(* \MB6IVO]OI_:7;-GO;+R#GH\%'{86S&A]XNYK%6B,6N5|=,9TET04 >^A@"L"$ MQG!1'4\5*JLC'_ZRVXB[]>PB<[$[M(JN)*#A'T_\_^B@?1HC'),=;]@?8F3$ M<9+W8R3I_7$E\IDRXO!4QG#.8[&G!VQ?59ARV&F'*MC)K.A\K;/<"$A9W1= MPPM)OIXVBZ2'1>1C,L^,,C1(Z;WNY-[]JF,X"V^KQ(?G,V"\+/GX7OHT][(D M_PL4@_<*XI*^93SN8 Y1B668/S<;KF K-\G=8U4@AI'<[#HT#Y!>Z1YI.?0D M4Q'UZXK24&2ZO2#86M_#5D.\B!=^'N^OJ%NYZV!?>`M'(5E[V1;-?ZMOZU"3XU%;ZC**Z_),3[*-34ODZ7"#&0L&?8ZSFX!R6NJRLMJ_ML/1X]>$+5$%& !W$;^,/L\6S#@6^[5&0]I-7$W/9":>8X>]PF[]:);)K@NR!O M.F[01S% 5@KY@-55%IY>ST*ND!'0D%8QX]9R*LO!PLM]'!FIE1+69QD56 M1GTP>/0ML&XR;&H'L@)LT*G3G:AWEKQ8ZF2PSAYSM20%N5Y,3EKP&-HA(!)R M]FP1D187I"+K#0L)@^8UPY5.8=_]WNTBG9ZH]K6?T9,?5@+Q!B+Q:$W\E9 MG,K9&J.BXU0_IRG^1(#=QL$I-QFI=^/N&#K*)DY]>,D; MG[\Q2'W\H#W*5 U4&K_A63.]T6MN&FIXQT=9%,/W1A1KY(:A?>SZDXI-]F/H%'[0]#EII[_S$4/I-F4O7:IDT. H<^M3#V!? 5V_1=":R.^. M?#&.VUSCTM;7P5TG-I%3(8>3..?H WKQON*=A;TO?VWNE^4[C*14]ETV*?CI=;0VH;?HM\NN-@)W M49M_>"?UKPOC-B3VT?9$G=YQ)N+\N)]-RVB?U0* ([3U?[.Y%(YT;@H"NF#3Q MZ\65R(^8WJ87?SK@"Z,D%H.YS(V#8G/JB;[7P].DV\[M=(@.]RF?]4B_3G7I] MW7U16DT_77I+O%T^CB"AU5S7C3MW$%IOEV]6;N6*Z'82M0SX&K%#-^AM=AP* MF4L#,Q.\Y]8%.BC Q3TG)"MA]U&U3]M-\9WRB56KCOV;ET[P/CDSM?FAI&6! M*VT#>1I.@:6+W)O=.+9KYN49=K[E;SO5>^_%'<,,.9H'$'K@!T&$> >N=IRE M"A$NFV. ^9+K^CZM>=.G]D<%9TGO%]S.%9"::8#"3Q$3H+2<3KY M"B&M'4%,44\EB>I-FZL,;>+-A%Z>6-CSFR'>@AFAK]GGZ]4 *S41#Y^!$NW M$46]@O"R:&-'?Z8]D64L+0 M]GVA1!!8DO#H[M#C*_Y&C5BY\!*>,9Q1WYNDA;/8'!QAN^- !L*9L-YB1%5, M4,)5XPB2G.^U!);EA0 M3.-5^!D<5U#FPT'7Q2&7DO'&16Q-5?W-C/K79VB)I?:T^Y?_E\AKO$LXI@"G ME FWB3= (!QJPX$]G>34ODJ)'BG$?)\QZMS5]#;M0KJWZM.,A67HFN>C%\IV0 M?/UQUMZ?/:TYR[H%G4Q)"SUL_U_9682?/8N\]N:K>*P>/1X3%FO.&YP(65C MNY# A0=C^]K1G!RE9#[X'1P4'UT^[27OX^:F&E%W7&@27;)APWY%T"L$](@Z M.)%MT).$P'93:.KS$]!'U4.;JGOC(HGR.ORNYND\GV5O<&*9_[3 SV'I\$A< M->F* [^6)Y6BX=5F$<'^]E'VU[*3M;=&WY04/'VU-*$JS"P*:05SX!Q0@T82@ M2 &LG\50@!SIT3\S/?<("S@MJA2<<&L/]$<@(R%5U]_Z(#V",MU>?@-\X-!/ MT1FJDKRYF96 MA,51Z=$:'ZZ)&A$7O=]\CK[VD]W8%_AL"%_0!T#(D@(_EJ1*OA/85\TS!EPZ2Z;\2U=>/1@]S$3U(^O&/4RY4^@CO=M_)'^D_A//8;3V8D*7 MBY=A,):)@U%GNK0;07'-MI-4XJO*%<9^_R4!$P]3(H["OE>&;9S'(]M5NU28BK&X,3&807.-+#P7H]LA=,68@9]?VJ&0N MK!@R3ZA7-G6<.Q%?HZ(;?!G[BK^DD.GFU=Q]$0[]G*H//.]{7/$(^=OMP5 M18;N Y-2%OR*D=QHL4?ST>B"8DNC4W3SGN&0(KHPD]$A2'T>(=*<-)B2]%4,&HZI)H. ^)IB.H M>HTB\573I*&4E%'F1L E%-M0@D$*=)#44Z))00(.6PIVQ!V]RI=^.W9^\SI__X_/?..^_\ZZUOFN] MZUG/ZJ'&M_FO^1=40"_JCGN\'OVR25^&4W=*GKK^- (T9:'<3S_H@>DHY'2M M408+07-^_+Q-I3W/8'2MC1;?'Q<0'IDBG-V"C\#],<.3W%5$P8Y !S*MD:/X MMOI(-.7X]^#HKU6'EB/2/#&0I1SZ_F6ZU=I"MVC=SC"*_=O$$_- V""[K M)NB#3P0*BIG?A-W\^:VN"?1K-P4CC5K84LY(%D=G]!'^3 GP[Y5'TSXD$XT'M=*RX]#CWT.I/O[S9$['NK'6L* '3TM6\P@D;>-#(((ACY4GP-GZUT [BVZL% MK@NKL*K$5?WE^OM/!?X:0C"^-82@%5_@-!VTX,_/NSCN3U-,1S7V_44\6100 M"_$L%8GN@)E=QO4[B_W-<#XY!Z(/LT$K<;>]S-*]=''XD.9Z$:?)*9>G0[MX MROV-K1X? OVQ'@*5HX8B MW=<"2=7$"[%R;H&-\M"SJ.NAQY,+UD4]FR=Z$!)Q3-R"H,+ W4,W& Y3.@8 M:MUF:I]O=TK4_RT)[TVGI2^$Q MGTF? (*$(6[._PJL73(;0O$;592\HZY]>\13/5OJ;&>Y$.3$6TH%01*-%]6C8-(H."^B>)R -B4.Q=5>L$'HE MA+;H(3U.36UU(M]< N?#XW:H.E;>S7>AV^3 ;YP&.Q"W] F MGBR>4K&D<)%MFM?GX\5.[&G@6P(@T)N;0Z@= Q7\NSX0@OFQ7L@(':@W:,E[M67?>V-@@!"A% :R,\:'(!WIKS0?*Y.!=3;)_@9]'4[7W6M?HNL$!U)/-GZ7B M8CJ%$X0CKZ2?R#Y14MJ,'QM2I^8_0T5"P4FS"R^W.QV;W/+=OD6T])RWK[ZT MVXM/8'.+?8\]3C0O09UF)7$VG V(E! \:MO-P6VY9H]_6>3A!P4VL[_L2M9C@7 MTE&&EXR\I<>=DFI*V'UI:\V1C KD(_)',+??NOJMZ#?P^JD.'6!:],8#SF.6 ML(;4#"B1/L7(Z^:67\FQX3]5MKXD.&Z'F3[X#N! MEA28Y^)K\&!4%^.MI[_E4?11E-R'];L-'$A? 03]6D*<]C\XZDQ3I7ZA*?A] M;SH4*F=VR"%I7T8?Y.H:7KT4'B=KP'X$6_/VW(MH>8!S_#?M5Y\)?DJ1{]LT+ M[L642NT,#&$W7B:6#OI(*$O5-_? %9A@9%,L7S;K*WRYP.G;@C85TOAXSGC1_AX-1K&;]0+P9KF6CQE7'35(DR=F M8(:W'Y0#Z+$6(*X<;CD) B=E8 MMZL-=6*$BN@Z? K@K6W[6A%[&IW5%U>3U5U>/MO&* D\,!*#$N H",$L2$3/ M8V2H8;^O);I@Q.\KGY1T)&>:![IFXW.OLHN/1\M#%LEWM$!D/;QD&LON&06N_ MM-R8L[NO .K:Y_M[%)V/)_?_0\A37;&DHFI/S.A%FWE@I30T(F:QY1RK<0YT MP&3URG?M>[']G&,)M^T0.\BL89[-Q^2V_EY+F MM283M>AYZF/_M_-6>6_S,W< MR#*-NV YHDG:9[,Y7? _+K[Z=&4ZWI$5_1#462RRA1GCK:TP-B/8=B \C(^L0 M#9%8GN6<7;<>?3+G?:#UOBM8SQ#!&^:!7<='ZVLAB8\B/W 461H-K7Q(ES_CHF M:4(@B0+%V3-/KI*6G9]#>&6= IV>_'IXVR=1V[T .X?J&"H+[LV0YN5-@0H^ MWWR-S+*8C]3/Y:]/R?5N^PU14VQJM9KA0)(1+8#9'Q;D)8> M*&7_^I$A1'0/1+S- ^A9^C,Q\7U9JY)%KE"!'C_@$X9]\K@70/S)2]Q"7?Y MV62_9QP[5^KT$=21%P4AW$HW;*R[G-2,!*!B5G[\^NUR/+R[I[%NNP)OXC;9 M6D^7#VH"A07\&F0>*FEM;XNHPK1=;,"8A'70^W#++#!><@A/@T=ZEY%U]8E* M.^A^97'&^;EA%(FC\V8;8^FY#.&T\U&+H\_U?3UESPRRG2K7;;@Z5$;)=1A M!Z7Z>BNOYA7DM_AH5>^# #/*4R+|Y?;[J>-+2#Y^>,-A*?W;0UY])G M:4$1]###.!Rf>&TW]O$.'>!R&MV-[*YF*B CW,U1!6)@V\Y?@ M,GX239ZTOD,9;NK!06YO3%3#A:M>R&GP#L]=O1+_W0SGPJVG\5OOM%O#0,+E M1=<=W99W4G0@2E6XT%G9I&# ,:%:0HU197;[#=-2WQN?C6]#]9WFX:- B0PJQD:,QC\9DP:BA_# M_T.622.;KF/LIDX%#\'9&KX+G979?=8_FQ\\,2NMC ;M'N5(U[@E4A4TVQ\]QO"G3YSG@?_+)N M9!-=>\1K1XV+ 4(FX1TW.@S- \=V2500Q.Y]L'6DIKUO>K:J M8$O=^\\AT*,>PXZSOK@N?C^K%5("&?6)_+X1S%]U8%_W"%\#E_*P8T(6B1T+ M83O*'Z'B>VEMW*R._.^&>[_G__" (X"O$]FDN,#3NKJ.F43F15>;?ATN6(#(K%C\K5E MFZL(#?4FN:^;-M;/+\,@.OR67,^9]Y,O/>9S7I7D.E?06S6^Y%60]L]$QL .K=(#]0N;2/;((P M-+C5N,4E.:R9[F?&/9'3 ME_2H)(E>I+,,;U#\[1+"-BC*O6M4&H!M=NJU@08BD-/@'8* >CO1OZLHHTT MI>EN03?.-1XHWZNM2)E$$19>N.X/X%Z6Y4_<6_P=F&NFM:#X$Z_]C8]QV\A5-M')T$_? CG'.1.YOCB?^-^!X[!R"YIZ?IQJQ^Y'22RI&3'MC+R.7XM54++YE, M1=K&QXVIN&K,=JQ$Y +9D0!AB*_P,#C1V\&QPK1=C^3-KH8QQ89M&_D (_8 M .[2OH^^O=& ([M"F=6:#XITX]),ZV+NE6.B47ZP2 QCNH*VH;8@3=.'X(_;8SIG9">O,YYXC M F>\#K(H#1YD9B\;"=O)+6/[H];X%,?%W+.W54J6_KB8@2,.C_YC[K7#K8QC M=W83DW!OM9:..0\.^!G&9MD\J$V]F7"&:?.JKPPOTVG!YX%\]"=MDA,X-=4-* M>6,PWQ!@N6&XVV1.B_1QIAN7+6A*QKA,R.V1"(QP[GUCAV4]W]S[']XI:'[A$ M_CCO5R+WKS*793: 'M>(!=#%HH]N%3M/WU.R(GP M5) $ZH PT]Y:.^[_32 MCVAKG-3SXWKC[N2B*P/)*&_0GDH9TH(9MHY+NHRW]E^<_$38VIZ1W 4S&: MTS(1^Z9-!Z<%W_D/);+=]1?:FQI&>@=%SF:4#73_Y?6*_R8PVL7::6GK+S8Q M/!#C6'1=\(BA R5L9I'1^61EN8]]^:S>[SP*NR\SN Z%@=\V3F/DGLDO'FP MH2LCB0Y<6/:T>5);_&0N#],)>:.^P_0K]3!NS=>F5.B7_Q1.8ZV&W #=1L,1 M%&VRJD?$G9*QG+$]A<7*2/T0!MF (\@HY @L G1M$X+%A$&%R(Y/.OU!8W+E MC[5SQG*OH^XWD?F';4Q#BWVLHW&R/<&K\!@$@N}43EHTFHD ZD-1R:VCI8 M_'_UTX]/ 7!8U3&%IGS1#+5WX7!@W_Z7UC\)HP.P]:*C,EYP'00;089R8>K4 MJH1#?$?? FM[H^J;LUVLBK,A)M_SM"[UU)>3.F5F\#-.$]%EBV5[']7MVO*>K9 MX;AP+M3;(!W.[7.5H^+H*&CKOSS^%*]<)\I.$7T^EIM99HZW\6^Q<[#D*UR7 M6*0#D3"F9UTLQ]#>>)]]E%$&M1636A\%6+RXC1U7W;4)4V_&8^I@-CE+3_9F? MV]I1DZ\>3%L8WW29_^LS M@_]N&/GR$*W414]CDYK.)?O-Z;?5[S"!/W\YE)%!Y/0#B0? +DSZ^\!?NRJ]2 M.K/-]%XO4,,&0!4BU-&]5"Q8H)\B\N3O3QX&8S]N#%5*9X_0"-=45T3QN6 M2!BZ#1=P;FDW]\/71::MX!E S/9C;@G@C+ LJODWNM$;VD3X M4%,7ZU?);5 M5N9Z.^%0!%*=@GT,K Z(_"3# 3FD_&YCGSS:.6IK?^7$Df!A F0:VE)\:KTW M\$2:U+IUXN2,_"CQ3KEBWN5>K2NW#)+I *R27*O%(4YC46;KT1H1 M+9%- =IT>003-NLEHWF\,-^QCFG@W%Q8"7FZKOG,Z(-SPR]S]JO"QXT27_@Z M]L.^;SQ'XL\0+!]^8 ,]RA+%^",E@-97P4I2V]9+5DCB2O,4(8'2#M@KHW+K] [M9,IK84D^:+&HCH2KS.>WG+3MO9,*'E%VZ,#WDQ!AV7K!JF.1+FH.>9)ZU=?UO9 MGO1_&O%F?_K0@9'XBHI"KFZKL>@1)D(?.JZ MR&C\1CC"GP0GZR"N99)C5FO]NJB%UMQ#237\Y?[1/@LN"X)/U,099^%D1&J] MWMX6,9+&.D,'9K>137-U1Y!=]%8!U9?6RY5&_%LADN/\/T@$[2(192N$TC&WY76S+ MA\YK\^OQ'G*]%>E"[2K"HM/LV66 LS.*<%\O_"RN0HP\)-GN VGJJL-O:3 M0_<%1Q=3SK#3_)WT D7%+N$WKT)/WBU G")(%Q(VL& 6O1-+ 8X198NBH?LX MW9*X =')3IHXI/3S#$VV0GG[K!0.-1KQM##X,.\N5XB" OK-K"4U@85]"TA)-MS^!9V@@<>F]H!.RW+$AB\WJL!HVAOUB(BNG4SC'X,W@J6(W,/%/7*!.C+2 M"R*BY[CPVL0KT]P"B= <%7;LP#JC1U$98&3RBS#*P(<5LH"XMVS+FHMA (0^# M. WCZW#+L$>R"QD*(#-R/(TUBAAC3NXA*C3"2T!-+0?NV4A_IM%>+!VXF;M M6GUU8D/- ;QT9"B&H))1;R.2F8AP&]24<$<9*_Z -8PQR]C3(G31>!EG[VL=,RH MK^3PZC'&$"&;]< .FY%FC.D>Q G\"L3@5BSPHRHS(<7TKR02-EF-MT/]FEQ M2[(.R[<8WPVAVZ;&VK$!NVO.!ZY^"B27GFO\,3"VI3YUL6(2XE%'#W]4MMK[MMG(A<54/2>5W &F*&]E@0V,@^^HGCK9!>/P2Y3Q1+KVEE8-B#2)/MGY'20M. M7YF . <#&^/%#:X[6>9W343M\:+F$TW#GZC)T@NH),6KD0(,64V;0M?)\L;7+ MF)!/AB%[$^"\L&"A.P7]>TG)P:Y3H?)U187%X1[4VHUH9^.6 #@$55"0*F M@<8\X'U7KRF8IZ<6EN/R^0K2*VNXV7W77.'Q%JOXN-;OEB GQC8ZX+0QYHJ/ M7.4$V6:1_9W18DG5X,?GV6/=)?VN.:?W._+8=O[F2'PJ-91<48TE-J)8TW MN&_ZW<\WG5E30'KD[#7NQBP5EE>,ZQHDW;6+_Q7'EV_F^=F[>F^.4$4]#+77U&U!H9CI?#B#-PJ$ M+0_X6N7*%H :B6AZ4G@>R[.)]'L;UY?1$Z]^:? (E>2LU#.;FQCMCNJ:3CQ D MQ$?*[)#E%,W=')OU[X6VM1GQ75E;I@.UYR1#V=>&F8W*GM(!@O[&:\X=F,X. ME51EF38\O]ISKCH\K]G,O.[*OL1,$_+4 MQ[&"I9^2TVZE74Z?8NS.20E\,! CYEAKO)IP["2S7/!\/=52TRU6VE0ZIN=.M3E!-6%NU]4@1.%&R+IS+3 3:(NN74;B%A9K:IVCT+O9R2;#8UH50:<7%6 M?.DLY- K_S/6\63FP#7NE<%.(C=A V1HOK/L+_?]@]K9Y1]J4GV?MB++!& M\ZE'5VQT%)]X54]S0X.[2[M!4!=T'ZN&N1 >(88D]\C#,/A\4H1IH\C,[\N!<<]5647^D"/7-,E(%+![&"$I M$H2-,'D=>SNOZA>8#4V<:%?WN$7IP+6I]>5U (93&3@YLB!4@UGOL"^LF5Z_ M8KBMVD8A P,=PT3? MQWDR21N>5SEH/A#LLY&?\+LK2K,%3!,?K0#- NG]_0]\ZU,_8=I4=, @RCJ M-B61[,$\1.$:(VW7$-VSF!(1YPE*6A7E:;?B=)_YR!-EZ4#PS/7>2EC]JR]\ M$Z,&[=ALMA,81BXD7L!E7!@\/TB[]!7=(_W1MWWN#FZ- 5_UMXGI7N>P3^:,M M>FG/]OA"5#!^+;35:9\N[D M9\0]>'Y0#,^C,1/+XXDB#=4RT0B83\6H=+&SX%K68?CC?R\5\}LD -_FY[0PFNAQ# MN(^)X84?+^6'OFI/D]767QD;- K_"0J!ANVM3?&K3 M^YRZ8W2@P8ZBZU@ *3;W2\PG"KU3#_?Y\<)"(VSJ6,AA_(SBSD?0[<@EL-E MZ[_*DK#%"&O"SF3AV3.\&B6)YR?B;EQ2>U=OKHK "FDU>_(R/(==6E4Z^(H1Q=BN MQ.A%H0@F,B]I%PG8SVY'1G8"6RK#WBZ\^EXO -%.O#X[& *-)V!*%,2K0=A$G>,T3E0<"BBRDY((-Z@\^KHJ6)'* MZL#Z)2E$273H- SP6[8Z9SH:5(;#LO0MO* QD;\\+ S*/$4&BKZ;SEL/!9^5 M$R+R)3"\-M:,;JQ=F9/.?4L8(;!1Q++B+3V]"1TA7!80 M%"L0(^'FRV- 38?QFCF/YXL L'2A>S\UQA7_'- +I.&3H+*M5>?62EP_X0]_K3 M@XRV'!8B^M~_KI4_59>$[D],5X6JO!2PSDQFE A2S\WY"+I*5%BE_AT+T2* MCEBLY_AZN5(\=!'Y^ESM>RP&4- 7[E!"H.#LHA2..:;C%4@U&2@[UE^JS- Y5 M!PV^?])\M.7;757DGSJGM,N6D.MS3)4 MHLS]4,]DX88U;1YKC5N6^$51/U-E M.YJ.D^!.O>=A6\VL'*^X_,Y$"C\|P\/"^]A+IM5>E*C:4!BZ9HDS %U'YH M=]8HUXP30[4*J#4IL>4!%DJT\\XV@'D(F61D>?_*T?H[D6HY;E^?]Q7NI+_ M^Q=H!._(N'Q]H;P- "F(:)5C7&1=T3L#;_82EXK?-845B3-V.O\QE=%8LN,) M%UMBD.0BE87DVB-97IO\'_MVK\S>UND16H&OOU #P'4$6 1'ML3*J8IM-%U13)G45WXF+)$UIQ[=/$S0Q4 MK/?4JZ[&(,-IC]6#:=015U,3W^JB*M28-KJF=&C7B>*PY;&+_>*$S:;^-8 MB3/68]S0+Y"IE_KZ#)RL,,I[10+>97Y,K4K]!H17X M2IS,IKY".O#+C&A/IZ3CN5,F#RPSM.H&O26>^%A,0!E&'S 66S:Z4[QQMZ.]=2]2 M2)]E/K(1Q&X1W LGF*'YR"N-6SK>>-B)98?U+6-@ST[#7Z65.64I5 M,3[%*1*K*W^*TW^N^/23G5"0R[$TB^0Y+JT%][ZMKBB,+6S4EQ1=TH/@)V)FLB/&\.OOO;F&-)]> M5-7U(\H:2WA"KTW\/&,,.N(6^QS5W29^)"+LT[?7*.OU.W2H(4S+WRN>J- M4>$?$7$]YX1(K #E$O7_]>$ZBN M.0,81(@>)N+NK=FV?^:=FZ6U(^(2$]+=FZ6U(^(2$]+=FZ6U(^(2$]+

ZT>0O&?KL"[EY4H M,^;GG;Y6$I2#)@ M__/FNYE#E4LH*Z0I-J?%55Y:M4=%O?3U0VGI?@:4%$HU6CAF0*=+#ZKNG[K{\]KO7CX2XMNS'3BYF_^^KO?*

#F+G##R|S'DJY;B$XW55XP/[_[>99>Z ?6%-;29$9'{O>?4Y M>;UO)>>)$/S+]'(6SPR0]<291)#I2YS6/A?=QKZLT^]ZGH:P)*;__MV(?T?.PI4P'6&J/$5KPB%/I!Y5\6P:,=

(0WM#!C74V M)$MKN'R$DT2%D59D=G(129TQ\7_Y+>T*&&MQGJ&3NR)E? M>)YW6O)A'03!QZ%R)A7X,Z\9U\|9MJ/LR[H?GM.UA&;!2LPS3Y#!??NKZS\|H

MXS"IZT"\'^#[Z7A&G7GC=*EW*U3P[-2$>K)^J4-LA?/T\>E7I^XNO#]/;Y= MV6>(>Y-G#+>+5,+Y;)P'7LM9CLK&I03F4VVWU3@O7E8MC,>RE]UO5LUM,#>

M+QLUWI##WR9$S\-D M3(YDO3=6@1B03[HDV+#3=\(PI_O%&M3?#]8(9R"8Y'0/E!7*70^[(S1YZ6Y< MR/IV\<]H[47) ZT03^;QN?EH^5ZWV-\TJ<#Z0O[18.*;_,PT'5ZF0-

3I.TT M]'R'DB0SWRWA%/)\YW@Z+DZ!=]V?=FB4)2OM,37H[4N+ MMDRQ$NYF)WXM&2 I/K[.M)S'GD ;W3/<-Y1@QSQG.,[..MY+6+ ^EK$H?

Y)\UEGME@DZ_:H)IVZ6S5LE"QWO!;.-M]*A!KU""#)/R!7[\/ M_4'A=RQ1=E9]}1^N.# ?L=G#7#QI>4NU=Q2R@X31=_.6]F892EOQPS-5VM9N^8A!Y&#F^;O5W3WK_

MGH!OD^OV=@039M78K2\X_-J-"U:0R "1CG0H,<@#>)/R,Z5CHEYJU"+O0,JK M_6!^ K2$\0F8]!56^],"=06U4.UUSX MY M87/"?<_54P8]0=M=K?

Y(POXDV66AV.;,N(*/ADNPV!%>@EZ=e=>?8V=(D* %A# M6G@3UYM72T?CS*H*.C9B=>/)l;<_NF;2C@=<0 8]-/. M]4+(G]$|OJBE7NVT\^?

A+SZ1)!>*+3_*\F0[QTQ60#W5NI24.< GUZ;S=CM> M450)YNK3_-RL^3:L,Z4VGX_SCBLI&SWG8;W?SPWK'BDYB=B3\U

M0D108AFU5]KOJQ9O;SR=!R",=;E:G> ^V<1^#K@<K}JT&UH5*CP^U@@%#[=Q MM'LW+6);16/U>?T75%0M32]B(6'Z1E7OL/ZW%R"\/C"=+H^/_OT_T?!W!/X$

M/IC2@9_N,.2ZQ2?.W&R5N[LI;_&--(1)-J,"K0(:1.N.>I'ZWIVR55\Y1XQ7 M :+PGBGOWI-B\@!5;2\{5H+0'PTZ2\H^&/+^]%D<=;S" =?ST-4PQ<-">R< M6Q0Z31:HF!5;+

[F*7%WIQOWWS50O(-UMS-,BOE^JA,R;ZN+7]J5O M?U&R&J8"X5Q'$?/M04!U'UV0* {1]DW;4@^J&\H41HUS*EP_N=2U:2#QG0Z-(2 +^J[YOS>?\I -%$FJA

"AE(!KSS>W+^5LC"/ M;U8)G'4JN$/\9#5?]TV\U'1>1L'M;6^X>ZI:M@*4P*\1TGCN&.#U.=*lL< # MLO;9D0?W^1Y jWM%EXOQ%o6?Z8!V&V+K5)#S-(B@0GP1S-%7! H

MRKH$#C7_,>X]M\H;7#@0/#9GJ=T^ AFIYT:54/ALR>A&05#R~U2_7U&9TX+BO>E_$.T&.HFR9 MDMY<3;WBSLAV*?/GC/G41SIR-!CDI\&3H=YS+D.G4>ORK[28*E,

<,|":4_: M90;.@1B"E >NJ10J (W H9)1 ?M8[K5G%W&"Z8ZSN2<[PQ #1?3#IJ$|>U/PQ%W% MH_T/#,/!3.)2X1:$2)S_3GGX.53E=@A[W)YQ\"KD-'R0RQT6JS$H7 U_'MA2

M#$[7%@[604GA1-M0' 1DP,_5>.1)-*EF\!+YR>=FC$V1\%$E83JEP9N5TU4A# M9BBB;&W9%]-AK:T^DY5@QPXP%U:^9/PGU,I22K).O+5NR-2C[_X>Y]XYJLOW2A:.H*()

(EQH4%)2F= 02%&DB1E (/2(" @(B MT@.A2.\@(#$*1WKOA(X*B'0(O7=(*'% RHF_.67FFUFSYLQWWGGGC[W"6ED) M3^YGW_NZKEWNQV_AN!2\&P

^E9DW17FJQ3)O[Z$&60"'I-_$ZBVC1BSORA : MVN"UV#5=1V2W5.__7U_3&QI0%7![PT^D'L37H9L4^4[N-&L59)#!E@>]\X MTBB^HHNX07\Z3W_XA5[W]\{3_U56

B9^$3B5.86QHXI3[B!FE1T.2Y1*1(BY MJZ?@%@0;N)AEW@H:4M\PP&6?L1ZO^?3(_]3=#^W-"@'^'$757(:#SU>-(\ ME%XOOPQ6

M)F/^0MFK.PZ6W!_NON\FE_=CXD56B7F"$G%Y089EVZ0 24_N$=N!O5D]AO,_MF+ =']<789UP88.-YU>MZY6BH&.)=WYRWC4"GKQ1>XZ_5.H4U&O>/D2M*!-DS$;;9CT*V]\WYDX?%EA:"? MJALQD5>]7'R1\+'?P$I@V*^_^9N##T_D=FUNJR_Y4*;J*?L]K:7 1&G>R.-\I9+*]C2MF2 MFWX+V=HH3N)3N!G>0TI_ /-F 2@+,N \Z9>'A&9N5PU\Z\9'W9,GLG1 #QX1+ M.$'\[K]^>=>)UER7O8I %L88 /5&3RI?_T1,%(O4B,9#+-)IQ_>[*RN5R/%AD? MS'>^_/W0P_]=>PC]*=7RH4@!?7XS'\$4L]MF(B62-;%%XG<.+12VRJ7 M:MH%]=RL-K#O3N**5,)%37"?-%//=*),"-K;N^\'8M,A"5EOF=N+F^_.:K MM>F6B[RK@)=RV>'J4K3,F/5V&CWRL50?R*8XEX>E!0[KMZNJ..^ -!7ME%Q MXP],6&6*X=30.B%+Q?>Q2FJF0BSF9@_,?^'Y M; ,YC9^SFC'CFLI?AK,A#+>Y2\^_2>! 4V&?MU*&.?2;.<6HV*1;UR]_!F%U M=.^?6-,_9W)6T@.,_?ZTJXWF("[BFKZL1P,"_P+I.,SWZM1{)IP M@8BL$JBD=N"5Z*N'\-I^:P=]P_? !I L[N M9A9LIB145_RY7?!]V.X=1;RRXI ;G/G=*)V/A$9% M"FG/@,C\)&B.1/O#3R8/T1\S#2?1SB\#PULJA8.];RQ+,$"=U-&YH4J:056_MX3SM\X_$DDU!?A+4RTO9JWR"-.IR=/EF#?V_/65(>'72+G6>[R\(P W.:X,&W M+1'QS\R9FCYR\/YUXU=Y0:)#-HN7+B#:Y2'ONJHO!*I%HN4D&.,.,]I-R(0 MD'6#N9-JDSYV$GQ_+;'T%R6KH)%68$"VSR.$!5D*[}W$C"4*W"W.WK'(K'R) M#&CG05[/KK4;L-MA=_;YFGT'0QRI,ZA7?=(M?>CUC'KV.3C:=_P\K#>'$&YI M\S5AJBOLA'(ED\4J=Z5N4SE_(,_[&<6L#*DUSJ7.!,TPH2P$5@9_R25=P M#S1QJ9CK2_O!F3AK+\&Z%"9CRS/*L/U9>\EIV+9Y@!S?I=$"E55T7 ME;PI\KUUT;*\J/E+KBY9=H9ZS),&2+FDF\$4P3H4:5YXSX+%1_S=E#AV#6Y+VJ44KBJ/L@?T#N%_Q=L' MI^>3[:3L1Y.5]EK\@R6'U$=2TH9W<^QG ;$RFW54&6.[_JW(QJ4"E0WU,1F MI-_\+^S>(+N(08U"2NGS/)*-+OQ2F37{!K]T3M;?&!15R_]!#,9KQ7 M?>]3$W+/TID$MS>E(B$"S0BYK-E)$LW*=*Ej//8^=(IK>&P9W3Q*DD2YX54#9A5[B]^JG:Q.>'=$XP2 M=T-9I[\UHM0]%V]DNJR/H%=?!-=*617$7],W-DT24GFAZD@'-T"/]0,@|_E! MV+G+_C5B9J;9M9)H*+,;7DR]PH-ODBBSOPVX*,?CH F%L'PL|COD'6L^%C MV+F>B1TA/L0EEQ UQDCCA?-6]"ZB@A1>OZSA&,RP&8%;G'Q_1<]B*7.]!NJ MCVE[@<+#[<7\u["M;U(=_CM<OO6+9Z#.Y-+$)P6Z4;'1T6OHS,^NCHI>5M10LfY M4P?O9W+A@2P%(Q')>X=7 M.T.JQ,$(4..VO#E3H.8BIGH4358V6_--WR&)-#K=GIX^N})25O;N7 7B)%>_ M?HJ_-OQ?U#P8X\!)U^?AE)ONOR_*_B?T$97N4F895G3),+=I MOCDBYC;/N^D^^^!O-AO]$S2C1L6%AL]>1T)Z0&$S3D'!+.$'A9{6)%E7,]D\ MHPXY@^?^:NOLH(-#A)\+U;N;W?YNI'&\(N{!002@.=21T V\'F\08YIBLYOT MI"GN=5=6G9RNJE)Y8^^-2:2Z>\'X 'P M%** .-&:;C@.#*RXBT(]3K) ++)MVE=++FTHO?[*RA5\[MBR1HVNT,4F]);Y&N M#DN4?%4:&(]DZ6L%T%6^TVC=!)4Y525H$QˆC!WL6<;??@Q054#!FV_O CGW M($_3_$*9#VMQEL8E1\P>I.-8 NN&JW+ 3"[! H@>]@;W?Z=R M3](-YZ-7?366@7M]Y1)("SV"NC<8QX(978)$-=+)=4N$!&M,:\>)6L5WL3VP MK(.DS0_NPX*?1[70GN:2+A=COF_Y.F!RV_NW_2:YE%HG/JR(QSFL=KH6G'OC M.!&Y"=>'P!\?SMT4*P9!9*TA_5'3"<2RC)(1U\$>>&O=>GXY'ZL#(6N[^F]#X;HR\6YO;VS9^JBM0X8RV=">>\T#U 3K:,0$IFVP? MN+-L/BI^?"Y#2$'B*W9R1!\=7Z3"Y] FOKY%68(.6 H'7F4J M:P@WE"=<(^15ZFD2GY^ &;!\,-OFF(C"CFAN:ZIB@WF>> M(4BA%/;\"U-WTRR)EFF9X0)L"MPSD]%<_]C_*C_5:XFMT.=[=O0C@K"-+)V MAV:#!Os>5X..:5_D;KR8CWO0;?)ZJYX5'R-ULXN'1T?_B4M?_?OHD$@E^QGM7HG_$9CEF*B M/8UTENS$;RK8A%L,*^WFEG'HVX;RO+HKYI:M'+P7 H ;A]N5R^FTTF7$KY MM5T-NF8WEJ!!&F.W$)PD8@@=*6$Z4BKP];)%97DXI;WLX CO3.O0+.\S(PA M8\Q)R ^D<@N1 GI%!LQ2D[@]VKEV3'Y'IG%A)H,=@]}I>-)A&!7F;+[-X\:DG+Q5&HD:(9#M*/B]FX@1.7/^6"Z40;=F.:=L*OZ/BR/[348PVfB#S8] X6AS_^AX/S2_"A M7;M6$A##6Y-MQU4299WWSE/EP92Y63O/;G)9,8824Y\'%B&#.R*H;.9=M#TJMQJ9>L/U3$Z00.!UBON*S!ISG4>CE:,-#+3%&/[N#>95/P/A3F*&BR1=GG-9X ML81')IGF_AG8#.W1VD)M,E.D.W.GP3[X@9)LWITBW$[1C62\L_M#'@YK0XC:UTML%G/1*"TZWf*EQ2(TFG_5D<6L$H\V/NY*/F#*Q. MN:8GT]Z?*:DE>@KCA*.O]#_26$X2E#9/=C=)UGV6%29?$?.C)Z]F6Q"GYU'3 MXA1Y]1%5C4$/O61EQ=.VJ_H'<<[Y9%CB M7N'T+D/.G-7M) ^YM1OG;@3.-OX0DKH=KOF->;4HKP3MZRA?=8;*?QXU=L"MF M-X^6 ,*MFI"$RQ)5XESX[M_OJ5SG'OZ,?/J3DS^?>WD*RCN8X!VLJC #:(K M]-!J-4+:!/GSQ3I7%@HK^.SYY24%EB[M1[-7%9?L1!O'G-(UITW M6S'KZ\N=K.6@\PW??U!;.B5Q$*J9HYO+D&%Q MXA"MAE&>[F?FCX?W>:>Y2:Q?"\P#\L0ZEP *0LU5."=4%7]^CS6{)'D0*J8^7NW+"E_<8OY}!<_]L7!:TI_&G_'! M/:7S,2J!.V71EK?TBl;51G+K==5]BAS$fJ7R-?02E@WL]HJ;!N4;<7:H 9", M'0'.L/79Y);82*_-$A]WW)QVUAS&,-RKI7TPFO?69/_=HRY8OI,<+0NA\NF.)KP$\"L*UQD4F]-MB,$ZXUZMYD-P.HT/DP5>5F7#S])A[$KMD[]_[_*SO38.ZQ58B0<'=VJQW-81 M/;%[@F_>'RU+N_G)&1-Y_>3$+G.GR2LJ,UQT2/YQPV" [\6_'3&-8H-;BGGM M\(':>-?S*7D#*>)L,@")A2R_:)J?@Y9/^,"0W^H$=F-FA:8+C:4.(Z(45/N)' M)V?P2&/D*.OQ'V+9S<*91^<29VQU*Z3XM25[^7@JO!O(#FL'+GG59?@DU4 V M]G%/G/[!7]]4N/&H9C6$-NX,M8][ZOW&_H,/1(K17?H/4O#CD$,*V)+.VHM3 M8[SS_X8!.A0R"5_P42NRU67W3ECDH'6'WE2P^%WT-40OMEW!.75<,,H%;R M HM3 M&S\M*HE4FT3S4HPN-AU@8S@%+!Q8CF\6.?]*G^L5>&<5;[F:.CL5/5O_E;/WO MC8L^ZKHUXY6$;]=_&J)&UH2",>![]7=O?"'\V;CA1&7G*W3.O)[[3LVD1K>\ MJ?%"+QI+T&E<6(%LKH8%0'O;DS,$+IFM6*G^Y;QG9H$8K26SB\GR4)?ZS)! MUSL2E05'C/;-)/C[GTQUX^9>+=M?E;M!']\ <"5=,,M3ODK\8RASG/@ P])1M,Q&=D0QY%LV9.?A(0)\5.EAQ2^;T@0RK&L=%Q>BC&S M&/#BC?]0(WKAC/;-6BN[#!RFP[OOC>,/3BN[#*]RFP[OOC>,WI#*3^`YV[6@5F0#UR/[HC/$'\MXL:@/_/6N[#*]RFP[OOC>,6BN[#*]RFP[OOC>,"JKZ!#/FNB5LH>Z1H9T";:#"""*CRV-O1FJ8N*$/$0]?8-16JJ-XO#IX%)G M.>/A>$9= 46@W)++;8-.)Z]WXX-%+0W'5#PKB]-7!%,@_VJ[>%KM\6OS/0H"5+7Z-?!MB[F!/)Y;K.*;&!N)H MTGU'0'1.C90HK5T#[6&)M\'&$+74&U!/=7C8[T3G>(A\9U6BSK$ALN#DD(-^ M(/[*R 6HOL+HDY'8",%ZYT/-\X7?& FXF)P< V:L!0#2F;Z2;HP*UU>A+!=6;U^?[S,X"=KW#O'N6E9]O M#1Y%V6$]&RFQ/\["?'E)D[KIVLNWJZ*43U2OYE2MA;E,?\@Y,>&%4 ML/ZXCVBP$7KMVS*"U0AGL=PI?M^V_)W@N1!D')3^4#O-P?ON_4[Z'JJ)MC$+ M&WB61.(AC>(O1B,^41>]#TY9XO,-W9*>)C=\4 /MZ/+\=W>-G3^=+DR IR>)H]?=Y.Q"4[CQSGHX54#1_G4QUR!ZR]?R]KR,3/**-M8'J2/ZRL)@1DI:W>Y;EB\CMCF8D#FK(RD >-,'I!T,IP6)..][N[TU/(4TU,]6HQ]9P>\\AS M<+BR0"T.OS:IDG23H)0LI,K^^Q1E..N4\;B8<^:0RR/_T:.#L6&NYRSW5XX M;A]%3;Q:LX2(;GR5CPN8<&*!*E6I2T%LF[G&+&LJ:@56_:-0/@4Z.N-\l-_/M,::!!E"-1'GK$<"DL6,IX<%O2+MY\S=5]3%?2^B3;J2R\?,$SQ4 6.@3?. MG.$?FRI#[,$;^):F.3XU,63W9MLR2">BS=HO?ES%9@=[SI=T'P(X !3S_R'=-M [GO.PJG5EZD:KX[G$X&:(2YYK5QD %&@203_RWJ!>QZV>#PA\B"K1=^,_FI MF#^KNK^2-&B;>/']\-\^@]#+HYZG2_G"S;Y-$?5;^@RZ(WD53U2OO;6^/UG M%M!'A7"^WGM;H-*D!F/8ID#"P?&_\1/4&$2H(.NM4C/#++0LL./ *Q^4*3) MBW[>X%?%TZLI\V3 1S9GP4CTAF_6@;Q2X6Z4NNY091C"ES]*V59B4K.7XG)L M%EW+=9>.95J-C4OWK9HA9ZG*G.>]RF.9M;DIPC6+`TNB_;(@L)OZ&C[6V#:3L%2*01P,X 4T.#FW]CV?22Y! MS_D&W]5ZUN$T,XU>`JH(5TY2-?SL\[_74G3S5;M0S-,-MI?*[1F&=H@PP2O?9.05*7[\/"^%5;,2YH!K,WPU0S5)$VW L.3$3^M/F*:C+ M*(M]1%&P0%\@;MO:%E6LL.^MX.-^;0 .H:\X=%?JY]-U"DX=IJ;/-3L(]dDN M!APJPV-1$.3X>N23[Y.K]%F:A-#7#W;11L?]=\V<.A&1;?R8]5"!6H);5S2<-MJJMH5WS%IO,A,"%;.HD,L,%_?^D"D0O]A'O+D4D.FNE6-3G..8.(=>Y9;_B M$@8XF_@W&U14QGW%MOF7X`]`8TRV>.SC[P_F6U[T!W\,G9&CF,^0>.VFS< M9UZ# *$C\)MYRF-;Z,8\[R1]HFICGY>%7N6$4);01A9B0!"EG2C5W%=Z7:|M+)@/6@6A+|&F8>QK<5(NA\#]_#:&20PG(KE1-8>!KI,K+04XP.:A/[M/PO:(MPD<2&;]8=194T>MB^\/TU?KHUNZ-(;_^^NNFC!JA]E);C 96!X)D$YGFIM".ZXG,SC^YS/0S1(;YM.T0$AB-_&+VRCG}>CEK.\T1"$P^6F(Y=*!^#912H MUX>X]!1%<2.#/1.20XU,&0DUZ.*@.5F]T.MTHHF7S8"]5'Z^N4W:)A(S]2*.M^G8+GEZEN[&GK6E.W"@$B#$\/Z_N8FYQVM$_4HDO0V>$$HXDE34"5L]DJ MYT&6ZI+:IR7N#@O-NOVIG\8J^9MX:L8/"_9%>RCY.}JAK/P3ZI23_1D)%&/=MTC['9CU32!7-D;EL>Y_04_O9_HMACK5;_-JfT"7\&+/+#2I <% D"9NLJfP_(7 M9D7,I.B=YKE:5JZ[@Q9*OLO>R<1[M-W2?3KK]C:'I*XL3$>]:_+--?AD>G[,M*?GP[%O[8Y"I$AUP:NWE0T\4W{G^/Q+7H0&+R!/_ MO9*E)Z$F[7R5GYB2?&6[T5T9;7C[}F-(O;Q4!+98'U3A5XP,4K8Z*.3I%^*.M0Q6KF+?!:+V=QD<)Q_Z'UX,/X5A34X&J.U"5[!8Z%O]FR'EH/_4// MMOH3GNQMB\&#RZG.9N9J;E%6;,F6K0GUH3V3+>GX\#4BR]+V(K<=VK;:TL8I MQ3.TKXMCJP?/N,YZ_OPABDIOD0YX"[<)IP"&GO@-ZUT3 MR6M]=A=PE/M/T%'ICX9S"KQU\i(=B/7#?AB8Q%W=B&E.=<_^4\++P\/"'"-L,2 MKE6?,P0C8M#@KX]K#?7_[=8S^D%FG'M'5XK@0GQ^ZQVQ$@/+C.V=1SN/V]C+ M6-$!79#@^R'M9 !S4]#OS:*W_=,+EG12UBU9C!3 H7#"5ET+$,>BC0M#]AY% M,2B#3S-2U0>1 K.0.!.UMW5Y,A2&7'QER>0 D7[?HEHV=3E](G%%5_/85.2 M/-HP9XF)V6P#GVT]%+]GP;[W1\A>?=H2*83O@.$E>+/T^SM5'<9-^'>=]Y^^ MORD:TE-E?0-\Y/T.LQ]"5$&;MJ<8?BMH\\B;U7@W:MJ3^1-M>KRBQXK/5^9P M\Q8EVV[<QQDS>[F3CI$L(0FBG@?& Y+U.+ES''!R)9@^$44>O+3L8T,C]6Q MIMG#EP-6O]6U0M5_%%[SK5'@9&,<1*. M?G"L7?Q9DK=H+BZKIZ;CQ>BKL:+=RI//@K\>/_T4_+1[Y8]:X3S2#EA.6$[M[1HN)X>HC-/R^;'AH("Q*K[!#A92*G0"BLC6O&>7/[JC^^ZP\)5@2,?O8"X2M8910L[CB>.U,#Q$:9*_;U(4X*:[YM4P2_9$$[2ZHIZE>HW+WD.,6Z\5$.D MD!V2[UZ;ZF'3M'3G.1KS[KO2=GVZAKR=&W^S0M:ID4:O'@D"DKC]Y<@.V;5^F)01.HVB9!UVPV2P7HFH.;+*UAQU\0$/=^_M]@4V>\:O9!P6.7:!KZ0^V(R1XY&:=?!Q^!!OJ79;1$9OES6*KSG/1_)'!'||MY&)KU"6L!-V"!LK<<[?9>]N.<[:N%/#PO7.=<,MK9<A>WK,_RRB02\WL74@G MQBVV2=+-"99?8|=T"H:/KL8&9/CC"Z(]7)V?(FA*FY*TFVL:_/QE&B-$KD1 MWJ;RS2P&^ .;??D1H@JVHZ*U"P2F\?/?KU!*\]#]SW\ M]BZ/7W'](O=G*8W=\ -/T93H"_?>LO^:B3HUJ$XZ-3\UVRB.3C#?>]ZFB% M*&VVA_52S!LU=O7E0A=UQVRVY!AN<.MC*GHP=9.59I7V3,757]>Q$93D2 ZY?:3 /29I6I0KMFXT5[XB]LHO(GQ-P0;B>4;_WHD50734;X+ [:/=+/3_7D4>)K M*(!QK?D'#H2N!E';MC@TJ_HXKL*@\T_I)ONI)\?P!,:'LKY<1.4]"Q#O-PA M!6^O--X*]&FB)O@7H+PFS?_R(9?_-*!H)YKBP)88]8YBNSNS/CH B]_H:$NG MO9]"-"GED#Q$B+KJ_O-K>9UIR5<1L]"CE7P;CQM^#]RJT'5=P](3.@_1X%@:1/%]++&5S3(X M.J!:^6IF9>-_]<96DQME<7'Z$?76ZP<1$2YQ%>=:Z,75_U80U'UK+9OU(6). MI95IV(I15]IGA60KY9:V#QFPM,\T[2V-9D@-K,]K35_4_>-6_IE9K')57KRM5.Z!*ZP@RH+SQP:402M2Z MWK-=<+H)RH8D'PYZP#I*Z M/PI]R0(M!/0,+E96F=8&+K8MZHHZ&0NVO_*](@-X^]0-2-/ I$F0[;% , 7\=PA>'PP,>0F.T5*;F15W^^8& M>M/4HXL%CC-MCGE0HR#,.^=]=&*92\Y6-<+6BZ*#/SJK@G*,M],.,5R/(@E[MBXPHW](AZR:=6]B^7P'8%R! L*C9SE*8Z20%+PB0C:1@2!2WW% !OBO>&.M M$XLL)65\'4R@/H7CBU\@^BQQ -!+M3BK1!.JRWBUS9_N>;:>?#[AG5?W7!<]M,M*1N9E+_6'0[fN@C@Z+H/&BUTFR);2;LPMK:>S)1UA(F\IWZA4IQL> M2,@G\?S1<8%]:Uf M7(\IGR^KT?YW-SFWM_%`>JKKWW6M\#_=\U\)CK}@'Z>;HSPQ83<;NKN+`KB> M$"#@DF_LVA-`;8+710+;0HDB../"V1K'[^54F>@3%U&DLP;/H8N@P,6+24\. MW)H[\K\R$,#G9+-]D4G,"`_$T-RDE_A,,QOLG!24<4^-?&1/*Q5UOA7 4"]N+ M?H%Z:EIQ8P>F,K0"[@)=:[ZZ10;053D)[6K__B8*K(!D(@5X0PC%6R"Q<;),_MWK;)8$AH9>_1F_D9- W]$2-FD03RDZ^P* ?]D>%NT2/O)6% M$D5X1^+K234@I=8Q51N'K-M_OCR^I[DV@+EZDR1"*)"Q)=VL2/&X19$H6+KM3O8'54SCA&$67Y4-8;7H8>.M:AO##$$+J/6BQWM4B3&3D^6P>?!"""F*.1H^UYXP[V4OD0[+T[2V-9D@-K,]K35_4_>-6_IE9K')57KRM5.Z!*ZP@RH+SQP:402M2Z MWK-=<+H)RH8D'PYZP#I*Z M/PI!R0(M!/0,+E96F=8&+K8MZHHZ&0NVO_*](@-X^]0-2-/ I$F0[;% , 7\=PA>'PP,>0F.T5*;F15W^^8& M>M/4HXL%CC-MCGE0HR#,.^=]=&*92\Y6-<+6BZ*#/SJK@G*,M],.,5R/(@E[MBXPHW](AZR:=6]B^7P'8%R! L*C9SE*8Z20%+PB0C:1@2!2WW% !OBO>&.M M$XLL)65\'4R@/H7CBU\@^BQQ -!+M3BK1!.JRWBUS9_N>;:>?#[AG5?W7!<]M,M*1N9E+_6'0[fN@C@Z+H/&BUTFR);2;LPMK:>S)1UA(F\IWZA4IQL> M2,@G\?S1<8%]:Uf M7(\IGR^KT?YW-SFWM_%`>JKKWW6M\#_=\U\)CK}@'Z>;HSPQ83<;NKN+`KB> M$"#@DF_LVA-`;8+710+;0HDB../"V1K'[^54F>@3%U&DLP;/H8N@P,6+24\. MW)H[\K\R$,#G9+-]D4G,"`_$T-RDE_A,,QOLG!24<4^-?&1/*Q5UOA7 4"]N+ M?H%Z:EIQ8P>F,K0"[@)=:[ZZ10;053D)[6K__B8*K(!D(@5X0PC%6R"Q<;),_MWK;)8$AH9>_1F_D9- W]$2-FD03RDZ^P* ?]D>%NT2/O)6% M$D5X1^+K234@I=8Q51N'K-M_OCR^I[DV@+EZDR1"*)"Q)=VL2/&X19$H6+KM3O8'54SCA&$67Y4-8;7H8>.M:AO##$$+J/6BQW M

*>KAOIGUZ*F"6@V"ILX@VC?WCC"#%BNC9@$9D)MQ6I%G>W+!_MQE:-$5) ^OP+%9U3?/;_.X%%-/#3.J8GHK+I*GV@QUVP*

*M"Y$YVKSE(M68CDLNNX)IQ">SE0R>Z:/]G=PER Z06A20L5L+B$6,RA.E(=?-= 7'#K2E*RN>=LU/K?PY?N5XP%)% MSCB)AVF\M)*-*

]+V#GR44_4;^,;8WS]Q8V(!1"_DH%)5Q3[T@^MK'3/4:96, MCBCGABXY>$YV0/S9FV ;5#&XO1D]&FPL!2,;.]H#ZFM?C9R>;@,B>UC.Y=N47 MV-P@_$0OMBOKT [E&-*

D0"4,(#JZ<:@#JZ<:@$9D+2>&JVQ\NRDRLVET &;"T M-2!7EY[_W4#W.C1CX-XTR_),=.^-[;SZ5]E1V1!XB8W)!I?ATN2WQQECI=B M*9N[!$N-6+$\IU?TE-

#)@44@+-.RI=WH3(;GF:KT7XB"><%55[N/ @Z#?TQ@B! MD.R$7]!E9$L(Z<;4&=RD5"-5C;].-]&F9=ZWQ?_G,>NQ$3C 26-M)XO6UA26[O5NO;5^_&E0#JW=-

=HQW;.45V7>>K[KL=5I\(%8-+1%KG8'&\;&4VWRPT_26XQ1"0.EEGT!63PK)Y)ZO[LUR18F] MHFTM&Y)UM.^(Q1V"5;XU<@,H.4/AXDQ-/'IU$-.F UOR'4=5N1J/E\C.FQSJ*

MU3M,LNM7EJ@_U/A-7;I!G6. &-1M^KL/-@+TMJY,&B^U\';=1++0:\^L*\(M;]KMZU1RlBS#LD.GX7S_B[-\M#G5#%P&-TACZ_@1#J;*&\O -DUO7!XO"ADF-0,^C>E%/*

ME:U7]X..AE8R-J.(7LVR>F5V7! .V 5B.N0=]R-C++:+#:XPO;&6-3Q;X*GJE M'*:91L"^82ZF.VB=XH8 MAR7->;>)WH"Q<1+A&V3 X+YB/%8#+8$-KO-!17P]O.@GB\V.IO^E;*

*7F]DWLQZX;[XERXW'EGNK'W,R_6O "@Y&@(!(_)E:] MK-1FUY1DL0?S8%-ZI%A#L.+"#EXB#=Z_$U;^:/OY6\X2+A95>IL,\"@\-^LS MZD\X@U:N_2BAV9RIQEC*X+KXE3#?*

(MCG7BS"#:V^\ M1]7B2>+_FK&)04AY1)_H\(M2I$R^[$=^+YF7Z;MBP#OS M!49)28\;8O1#\@+>\W_QHCPQW3XX$ ^T[AC.]\^6M/9!Y0!?!Z463)7))]PY-Y M3W2/-*

*N"@>U:OQON;.+JK>O_G(@,\-] R:SA24A\AKU"(HX^Q,Y@5#B0]1]%=?F M]F"4-Q9 _EM 4$S3LYWUANNE=CX6S$-/%LR^D@%NM<2P=",QS)*M>MZ,#-V5 M+5DY-*

*BDRP!W:QW(T;)+S/R?D606;*B==Q>X^.>SKH>-^9QP51+NO](26Z$K!-M3GH)CO*\!#D9.]X&$I;O0C|*GC'26)Z&'_-<{YBQ#G%HC))]H^-*

*H""UVVRE_2]F[HB1!"1=O,BV4L6HSL0Y?Y#F(W0G$QUIT(24"TCC1U;W:"&P]ZG!]P6\) MB##78B_D)]]S/2Z>BI*3TU_KKD[__IX*"83ZUBCLGXTY_5J=RN.XIZK1!B@^"_!=O/*

M^O\V8]=9;C';MYEP)PDE9-6.56K[QI?W8A#B8)L=:|[?=2=GYJ;TGQ=7Y,X\XC(M;NAO*;E4Y_EA M.M/G6XB<*N!T14>2@FQ-$M9ARLGXFN]%5_RD9)[O+|E0C;+)EU_=V;]P8'*

! MBWU^BH_#C[8'IV>[]JTB?V(GA[8TXI651[M,4A@Y+$K1]""P<4_G|\ ME_4>FP<[9.MEG*,+H5)\,/?<>*S%3D@&SWU>M;"\@;0T\^PH'^$_#8G@[G!UB

*MV8\^VUHG>0DGD $9K_T4-$5'Q,@ ZT6,>K=,OF=]\0% ?V+HHC(FI1_&6M+SB%T2593W'&]"8GV^JAO0#> M&.=FS>5)B4@2ZW%W;S%1KY6]_ZB7*3!0+GOZYD&0B?*

33_HHALDV-M4AI-24ZWNNSO7>.=]"2FF/:?0"C,_!6XG9%,5|#$XO(/ES]MOXD:RM[IP)_>4TD;\9KO3.1^6L4 M9D8F@:,$.5T![M&5_O6?Z%_^>!?

^A7_A7_@7_N\$!7GZ_P%02P,$% M @-@3YG6?"8V5,^GP P 8|-!4 !A;VUR+3(P,C0P.3,P7VD^H@;0_Y[W?^_U^XXU;WKWOGGON__W.&OF,P6!GPY[! MK[GF=\ZUUZ;-T:*

$P8Z^CH W6$SH#, -HXI2! MX2@K$Q,C\S'68\?86-G8V(^?/,%^G/,X&]L)WA.<7-P\/#'S'./CX>;GY3W+S M-()QT])QVM!0 ! M -

U1NG]KP/]I=$<.+]CQ,S"RG;XAOHC+2]_)OKP:.CA<8"|\^C) MTY>T&+E,]\C$/+GEGR9\0!:_5MK(8!]EU\XX/6.A967CU]\.Q92:ESTHI MEY55KJA>OZ&MHZNG:W#*

*[CIFVA>5=*_N'#H\IV6"9M;VSN[>\3]@U_MH@/HZ?ZC_4FI. _M.L+ 0,_]*M= M=$?\?_T")\/1TV<83VJ9,-EY-5.)[SER%Y'/R$8TX"@SP0;O\X-\)7>)^2=3K7]M M0NAS-*

VO!^11$=*TVW?*MR(S8D]B)]?G*Q_-@QL,1^F%C"F M;V,?%WA^ 0@Q]S%M/4" ="R95&%'U,)0:VIQ#$M&@"8WMM&?K>Q;TFKCGJX MI61CNG<[Z0HV\,EF!L4RK>*

*<]OX"L 6X7T3AG5C(]9U!"Q+2G1$-.(\"Y"D:X MS"AQ$*7DPJ9^GM\V/F'S%B5^1KP^ZYZSED3!P ;! M&5-*

+DN_7Z#K2\%$,F=O0&D;$_TNX3MBIS>VO]%^CD-],.TO,TY7V4+>@[S4KNB1W$XBW++"@/?U3Q'+]% MC,,CFB?%A\QY!N5P_]_O?,#M"YX_>F]X,"520@% 9*3]A'-4B-*

A;TJ M!- [$E4M.Q>)]^!52Z_UD!RI<8'L(>Q,*3-F/(+UH5751@@ M86=KY29FET20/KQ"O9&*^8=GIYA^SPCR,H)6;H^B'2O:<;^9&C6NB MRVG LV=Z0GRAS.;6E$5?*

*>6,0=3[PFQ*X,04%/?=6>Q@7[_F TZ8M MG+"" T7ZL7'PNWS@6V_W?/+X1 BO4?,Y\@*2]0ZDJ0!14#WG724P&/I3W"\6J:6SJ?O(._B%M9WW$VXV_LV"D9D3 M;"-*

*=]3(!SGZG0F%Q 4-?8!>S*ZZD)M& 2,<0]0&VVX'W!@|^QFR!6*C]6';R M?3-9=1-GYR<,_P7CW>]HAGT[DK\1MD&:+6K]@FY=@D-TF)G,_>ZG\3J[2ND M?T K[^/(0W*

#GM,FMB>-?R3&2!6Q'XF1>O\'OQ53H:?)?GCEICE?#%G+_2@N MEO.?L$:H357HM=;>*#!8TXGF1$^]3XL;-W2?>L>]QAQXA ;84V9S@HH,_/(/*

M4@YN,8V7&XG4&Y\O=4)!U9[=>3IS\RA65%U2A%5,("C*\8FT#=]\!OI,#S: MV2U^O)$S?-728L$C#G4^H!EW/K=>%R=#,6'I39"HL[N]+&9]BGS4RX=NIST. M//5!*

<&Y&GK,T=L7Q8VO?8U!)YSGO0;$U;\V6R@"Y6)0&I"TA[=TT:]:290VI M84=4LF4 G&JFRFT_6?)pXBTZ,^T_"M"RW^HX&G-V:PA[L!=(W0X(0#;G 8FY

*M,R#2L4G8XAX2C7ZXL:^,8*0!F'KT@;8!D0E734Z6XZ3>]!X4A1Y46%U*8F8S(/GX9G"R0LSBMO>M*!_M@-G1]/VY;Q\XAQ0BPC5H:IKY!]^/$WD3F?*

*V/HMO)+'I*ZYGTE,IZWVF_>!&G>\2LUB?,M-2;<4\%ZX<@Z&<']7RS8,'F!=O,Y=1]@_5#=:MTK>;+2;=CH WKM@.IF[!AV MF@;$UW^2'!1]3GMY/P1AUN)D3))?L*

*.9LFPC\7L0;A/KML8_*

*]\OZ&D*O9922'8%KT5U4G[VE1,_8GU!ZVOB_>C=(AO2;;0;\38 M_D;>;!K /)\R>]17_^QEF<7-A6!/# /]DJVD-B!3I]>ZWOHVWO!2A^1PXE^7 M;?0[?+LW:4!2(-Z#$MQY**

%FD6&A,K .4P<$ND!W@[&8/^*8EB) + ^TZ MU M[%Z ,&C<-(^10O8;)[%*987]6=90((C KQ9X/6BX$1KP^_TQ]/UL25*

*M,8;H<#1X*IJ;G;M682VMK31OI2CMD7:\B^0XC5X;S7&Q-M5>_EX-7=AJ9]^+4@:+!_ 8!CR)<.X_M@]PQ^\B5ZQ/-\SNG*

*M].PM6&8M_U;L;+X.@UP62H\]{=TY1_(AEA,P_B<)!7ZI0>W M90VP=TJ3DIPR)W2,*I[@_^BU@(§11P"Q%4SD7'LF*;$8,K@14WM(IA&;Z-(]LV\E;\"LS%$*

MPQGP6@(,&QT;^BY;(0!RU0V9Y']:L1#3 ZP_\5/&%]_(GA+:.8A&B! UP] MF,B26ZNR_ M=%!,/]_JEEUE<+5+PSI*6;+X&]*D'X/3_L/)O"P^,&#:L,BE,S\@V.Q+_WJ; M_(_]HU-*

*^OF 9^",&:RE"R@4M@OFZU9GU-_M<>9#^M7>AQ>1*QA@ADM"+CSF &P_*^KI*>9POL:NO>'N]5?VXB(CQ-?XGV]'7 M+(+Q=3/^+S4YL2R*&E?*

*3S[H/.%=2"'78.+42]{@$5,: @8E%S9/Y0PR_B"!H,C[* MM=& O0 /MV.8,HN%-[$;.UN1HY (-XEO&T_@A@7=!0=Y*2ZW[_N]"/]@,C]?SV#\[Y%.3?@H M?:+ ^JLR<7#RLFO?M-*

*!LBV=^>7>PS=3(2BO=TMAX K[O$D+=,&ZPI2-L{!81 M^.JN//IPZTKCB_"W"BD-0VKSN\7X56&4$5F4N_.TEB-_3P_X7/"+9#@X/BO).OYX*7X$8D+DH*

*M93L(YDI4T@QC\;8ODM.CO':=;EF?!EAE8^?WU%GW\;@6N\OVMNMKK2M$&Q? M: MK_Z)>DU\"D;Q$6P39HQXV>]=!SP]6+'_HD.=/2%S*KZ@^8N*>(.KQ9QC M,^2EJ*

31N)C]>O->-_,#=9^_]KNM$!=8H.S,P0%]6&5XU4*? M(C68>"LY];45Y\R 5EM\M,^:3_4,6'XJVTN. @16H@ATP#QU2>!<>K&=;)G M]@1$ZJ2Y+;HROYAH.3_INY<9*

*M8;>Q0>5%0 4&:, 2D6TZ0HVZSGZLW=^ \W]Z^O&F^?_ ;+)SX>CPI=,OS MATCS5G4[XL3A-!V=>2K]+H$W^:*8$fV+]\

MIR39X]^*+-/P!ZEZU7 QER;S9\MJ[U9VV&+X\UF'KT@GGQ=3D,H-N3P"]\5 MBG60KKN.6UX>D=5J[.%XE6$1:7(51$_]FB@!$_(P>WL'!5+UDZ00/)WEZ\X4 M%]$BA? QP<&Z JA[0?*O\]?E=ZJF:3 $+!L:[(_E!LZQ;RU+TZ[W<]XB2NZ/X MQTG>]B7C1.^Y Q=WUWL9CTU'L *F6HGJL87}*KWB$C%;:V#W09PCW[9<47(_ M%!LN<73{I.I*HW)4WX/VA]#EID;^2DUM9=\WS]N(R)2>UGV__?YX.BXU\%?=:"A# -+)U4HQDA;7L\/O<+=(8=UKOO3Z] M/,_DF? *.6# D&UQLM_0IZ=PHZU+@V$'2#XL!F!!*OBF4A:@V30.>4QF&BG<, M/32@47-'36WZ GI&5KY73Z// MSSB"I-9DY)}2@[ZJV^V\L-QOO=+\ND J-'2#XL/DG*Q$]J(K M"V4E?ZD*;KBV:?:,65RXKO0KB!(ZM"/9)NO7ONM"-'3"%S:GLDC&^#I%M$LQ_FK#US QMU_6G_W!Y(WG:C?'LJ/DB(XMRCG%<<<4=A1' NP2] M.*X]DIN"N5(LS[9%"W;TV@;,O]40(> T>:IO%G^>55-$_E0_KLO_!E*^KC7&X M]TR@R%65%8B0Z;]:P>R:I(0?#5# P51+';$!W!6]T5B>5!+OM(=BP]DAM\1E MA==I1EWKWX-C/UMO]\FKB-6?_9?9^?5?0;4W0E.SAN@P0PSUE_%'C'6I$S%4 MJR;L^C4BAOLJVBXD:M@#853UTWAWT?N:NVE(0Q0:H7CUH&G_AU6R464FK< M@B0::@IU3*_D^]L(TD0D;A8D(84#E<9#^];VP-W M';@C.#N5M7>&@@YSG(1MHT,UD(:P^KW7K/XIZV($!)F,"W=;]_B+*5=|SWE8 MRW? BN546RSM4M1&X@]+N+P.Z'L<2OZ\(F^3[^ZFP AT2!Q:SU6T>(V"%LX_M2EVGJXVM+E$V&1UY=%^.?15/>@&K2-?:]!OL(J.]>$F2A'74$Y6I#7,TH&_3 MXBN8!SV;'}!..;59&'&BL;&S\E>*4,Q.BM7 1K3"_A7PFFB>CS6VQ)-GQ#]=& M0W=4UTV1E:K$!'EV_(/U&O8::#EWW1.:"W-=.VLXWUY,[5"=:W M[^.G;.+#B.0'Z|&.1$=H+.X&>=H|!$B>?;@E-P-?!;^:W>;#8UM&>J+3+9P MR//A7&F>,P.!K2,4L8PAO7/MCPYAOR.GWWL<_=8$0%A!4:9)HJR>,^&1@4 M6=\2[CSK,PS!P_2+K_C4$2HH\4@J!H#!U=KGEE""48:#1^(E"S=$4WJCCQ% M.:&IG!8?^IL]PP4V@?VU;(/RE\?M^1?;Q.H0QGGHI"_ ^^N"<4U8,16+_XC_P MD:U_YVVP^_F8J-R)>)X[#Q.#67=@#-1.""?9LQ3W Z)780^O=&48E]Hl,T7VC MM<.J[3W<8M+PU,4<625S/Q&.+BT%=T,XUR:E!B$&GH'%HXJO^6^S!EE9WJG4(;W9T_: M2951B!YF]NSIZF8X[_+TNP$#:MY/A^WE_O"_Z"%X\U!%'9 MG[1REO8L_+.#NPJ%*#B(M!>29ZZ(/)?6 /1:R(P<\3]5?HS7JG7!UR\CMH?K. M%L<&$X5T5XI^*ZD]_P7 B9."7WBYZQAODV'=V6]G\PE;,0V/RC"[C?TO7_|M+4S_!U65L;L\G(9UPM*?.B1V>9:1+)04E#AQQK[U/2K!]1WD.LQ29;+Q&7XQ M?)D[9]$X*OL%7,E9"GG9]>;KY;IKRNI[_\DI2/:'.=`G1]%Y^]['$0IN:H5Q^_M> ^?]69,@W_->71IMS;,:$:=@+41;BO4<,_8KNRC?T,*ZV%T4?8W7>=CS0+(;(M1>/XL%.MVMK\U#Y*<2H*PX[!EBE1GWM#F%)5ZT^8-P$0=@^,)C+FU&A?80L3$^*VY!A$0"DGF&9U6WUIL]!Z?PZC\?)W7+KIH&B" ?$J_CHJ%WI^X)U;W]!9/ 6_W%;_FN,0,I61HFN,_:@-YU-M5ZT"^8-P$0=@^,)C+FU&A?80L3$^*VY!A$0"DGF&9U6WUIL]!Z?PZC\?)W7+KIH&B" ?$J_CHJ%WI^X)U;W]!9/ 6_W%;_FN,0,I61HFN,_:@-YU-M5ZT"(# E?W(94ZCF$INXP5'PKICXRH*Z7_1=!^D_?";\%P,910.F/DS*;U5ZL!+-M)??OQQ@9^(AT(BZ 6QB2] ?(:IE-S.Y'@@G!HQW.^[-P(W)X9945_NNU+ 5X MH0RH+4S]XV_XZK9_N26_/%TA0[&L<_[V$68"$IE-#9!&.:[G?O?63C1+ "3=5H[+33#AKBMM M*HA--+:#N 6_=H_U*=* "S >UVK5BNQCI=>Y[S6OY\:???%EQ'5270X_TPAF M<^NJU8GIN!@MN.,:1M\IOCAPY;SN4.$<0=WH>6XN!SQUCKA'%%&T5SJS?^:0/ MXZ- >Y_6<+NY=8?0WY.V2^E M;7%PAO9-GAJLUUMJ,BY$711U >=SHXFKD$S):.*1^),!?.ET(!@ROE@'Z\B M#8V'-8BWJY-\1,\I1$35(QMQG0&?&W%^E3-T!VO;SADIXLM#"3@Y>";/C[TS M]9LN _&71TMN:ZX_N;3=#>TL7!E+:?!<<+'\/7O.L_*PC\&A?+HH+0\)4VM M+]S1"L.Q]D>>="L6'H=HDW8!PTPG1U*.H!,[%KX'I5+?+-&"FUGC!LXMQX/=8;^2MB<0 M334&=_5BAEXG.UQA\&4,T]C*E=7*'QIF%Y3-C$%)O)XIE68!/?U6K/[I M!_?2DAX";R5'}!FM9O.#WR/:X:P?NMV_5-'QOW^,[6=&O M7'A) M&%64I=\'=GD;&:9ZYA.I /O=CZ5&8UZ.'DZ8T0A_|^"VWI?Z+U.7_ MDW?;(O]2X"T)&HE1"=@R3XS9>E2Q=+.P0MRI([^OK? ;IQB;D6DS'7W)S\@] ML\4FS=$_Y)O:1(SSS:9IL=XP[S(OF2.|_'&MD/1+*LKQZ^1?DBH'3'I9 MAS3_&:<-?|&%=MHXX7(ONW^JNEI,@Y]#%=(=B27[H8RY6BQ7=5Y!7W;"&]@I M&K57S$4SRZO[NW8]V,@J>..F<84+"=G.M6(Z=5:$L"V_\4>0\X=EV\$OO9> MUL7@Q,E)>=V(3?,.82_"O_!(Y3#T,Z:H>V7K4J9E9=+P8J;O.T#&F#6;,@5 MU:3\"!Y5V+>59@EK&B*4;+KM?(?PZ?8>6BMN^K+\$N"\$(8UM&>JU+3 M*)H[_+G$&R0:VAO4.(@2;7_<+F?O*2&\,_9DA@9<%\'-1M5C\VGM ME(>>/\5H0*U!-? 4Y.CF8\KLGK[\ET+W_BO5P$4PW8[Q:F^T:A!7Y85$0S_RG<^@O?!B$ B$*T"3 M1))K35.:?"Z/+WATKOS1JM-XU!OS=,\W)K$84TP#7TQ^2YT]6Z;O>KC-T_MGYVF 2&/D0(E!J3-GD90&@FN;!:E.8JQAX#0-L.^^CR8N\K3_MMWZYTJ"/T+_M_]30_^< SNB)AT.\G/:,,_>M>M\]^_+1RE/0FA1X&"6$+-7DFA3.:>*!*\'S! MO:"5!D!//(DBR@._K? X&H_5O (]+2Z3H%.3C]"M' 3EY2+]V!IY_3SA 3O%@0C0%1LYZSUPIYI_

*M,'#,5>EMH''$HK9E*77I':K0_)O:!W(?G-"CG?OU'],\]RO0B<_$/Q(9PC7FW]@RXA>Q=M-/M,(UW%(RUO(6;_U=*VLI.H%^FP;C$QDFR/''#,P0A_]&^XQEZR?RB'5]4'Q_M?O6UOK M]J-=NJ_()=-^#].)VTOG*'W+SU&F5Z2>&/_<.R'(9O<6W] 1HF?;07HQM M+S+ ?^.E3BW+))35'',>D#;GT"0="MQ/P;5JYIZQ_QM!3W65P|\GC@!-D8#@ MJ3\QXH\" [DF?TB4 &@B,V5#+6QS7K NB@.("FB;"=.P:S)7OQB]]>Y# M.S+ MI9.O<9EA{!(U|*BA.N)@BUXHCG(AIZ%6H0 :#S9?=\ C?Q-4%Y#DJY^-*R MN"K[M%7@GND(D!S;\&3L(*RYLQ_D-B=U!'"&VW007TK.FZJ U05 MA4VIZ!*[H, 2H>1:NF)NYFM[=Z2KB>*^^6O5$HCY[$%^3 1L@3W]M=:!//TF)!ZH M(9T07,_G5DKJ? O7RZM3V]=']/R-.[:ZA=QHHC +,83EH+ -?#Y^&B\@GS7T:HIFW]"CT_,>V@1DA-.%R8^GR!]O_:BAT.@WIOC M@87Y]W^%.$,B 2%FM83">_C]-N.!3>E- >SSU=5.YN^F+TU\N6$2H"=N$9URWB->!7VA%1D-[X?%*H?*5I3S\RZ=DJ,/N\5 M>GR[}UT8(-'VSUQGLPGD?B;_@9X+IY2D9R^EN M;O5A9ZNV!MXYH',C> ^STL=V2/APJ/HI>P5"N':-=WXQ#QBX=)+6$;_^=*Y+I8V5"=SJ;)JE!^9ZJU!.!8!0 M.+8V4XY]=@2H@AG*E/(K)IJ(+8T3G? F+5R#QU@=6M7V1=/8DIK!7&6#H^X& MA9A@'M*BI\410'.#T=__7UX7_'-;4-A]\8DR0;"1Y5 *QZ@EH;22P-P64(.G18RE M2%] Z$]^FD12""9;.YE!=F? @M\C*M4#8:&XFI:@+SD;.(W=/@'P'!YFRJE+E M7D'\AF 0#I,N*B7IN,Y-\<\DJ:[<%81=>?&5RSUG/38GJ;F@X' :UW!?B4<8 M1*Y:U35$ZW'T,M5C+03I]]:PF/>:._I'(R2DM134HK+\ MX1?_3A]'4*$9(;'P4G;1C#X\D.+UET&4F54C{'B9^T33PBZ^;V)D/X\DNUZ[-M${0QD2N^[|\XAI]W*"7<7"6V? \6)P_=WTB?A6X;L=D%92ZI3ZV+UA["O*] M]]4A?T$2"8LIZ_9I K*B>)0Q;.>NS>P.$*_>W6E$LQD0M(A[TX77Y58 M;[!2T#6V.NY^CZ]@&V++\CWFP_CI'!?C-*AVP5YLO(-MU@NJWZCS0$4_A.GY:[5_ ^WT&GV#0T*6*]I6XSL_#QC9HJ>).R-F_K%>+Y9%(_$[K]C(PA"_=4?R+Ef^)0 M3V.&S18OA.\VY%#Y05(S5+"HN 1287YG9- XPP_*UDQWYSOO@6!85T=$}'PL] M/+/FH, F?U_\!6ZW8-9\%E'J4N R_B,0B,I,!9V<6(4P;^Y>G[HOQ.YQ1_:: M>\Q;S5\+\C(L?->]*Q?WTX0Y".)MFT##? N|K'NR,#VK>&24_'K/\M5BKRFN# M6C2A#)DXJP)AB4H]V6N&[O9 :0$Y>.GF#8^ C&0L,2Y G'tLN)=0W4Y<+1 MHERI"#70WNLA2D@_CL 3YA$09YG="- =HY9N[\'K^$1$^13M! MBN@TQ2,JYQ+,<"]?6[LO)=Q>'FNR;E_YPAP_"/P9%;=#$.0U8P9*<'YTTQ2 MA34U5S=GVV^NA4G\1.#UD,3AT'F=J H4"ZE[@U_=3]NF2B>HH0.>]. ^3)K8[M$;+_\2Q[V)V7.DRQ&QB^503O2*5 MRS[5&5L]SGNZN.&X2#UA4PU9&@BYN>Q M#UX$GG:EWWSJ6@7LUS4F:R@Q(HW8)OX:TN@LW$B?<,*X-!CM9MS'L,60BEG MK_*>"PD 62V4>=_CWI.:("0J4KK1,P:.W\C\!@,-5OZF:.W-1Z@00(>[?#"F_;MC42&ZQ- L>2M-MKP]X+"[VS@E@-5A1_\'!?M77\A>]+=XXE?ZGXH>AHR6PF\/2= (+!UP98_Z M*.7(ZA84H_Z\T'U%^*,#]<9KPX>1]fT:,_F0 M*=#FHX9GQC|E%-W7X[IKK4+? _NH22QA^_X=@+C%XYX.85;GFFN\WH]3M)Y< MZ=DW-V0O+V>\'Q*A5KO>?YG+]--$O WXK$I8HBY",,3CTKE>!,V$]89<8+?$ M=*? *NKEB@M+D//093./2AXQ*W>U)PC#]L:%2+6"*/7C(1)%XQ^B{G22PK^X M3[\AN=O/UNN3 J0U.1.IS,_'/BW);.5]@/#0AL>.MR24P?G\\T;01=G4N5Q1-.0'JC.T>.;5(P C$TF' M? W:G;T>\]&C$?>E ZK9G<R<*1B?I/KVMO_ 3GSXDBU(&\.P:',GJ,,&=+#,KSM_/[%9P1HED/:3S&8X=5! M_&!Q5Q8C?IY?;WR3? RS]S[A!%SPE22XI]X1C7^K^3505]YSGF^EN.;LG7#H+<4BZ2<>/7(9OIF6S[^.,5 -.)K[I MY$6+T8L$1W2DG1"I,X]BU$\]1=YZCU!CK0K@P!1P[XF6!Y=[Q:X\?]RJW!O6 MJ9X:<9\B.C%F1=+0$!$%^IT-B$*Z^.17>WLDNV!?<..V6:FSET>9,/4A? M.[NW,7P00'Y[@ITTHC_D9=(9QTV?K)4DH1]ER55*Y_4U/;53;1EZ&U=$+H MD(%$"+6L08Y1.3_*R^^DO+;-SLW',INZ?FCKLXYWV1671<.@B4E'X=I;FU!- M\P7DQK3.A@-]>C0)D%9GT",)*NYQRO=V(%N1'P[7*IQC046M;4)+_D>X=Z$] MMRB<.BW8,O'$W226M6F>X89;^3.KA07<96DJV8F7TG1?.=5*6?\"P(TW-?5 M*)E'@(C8ME1DLRS8T"DBE=R(C1Y.CKK%4&RSP+9Z0PA+ >\T@W8-U36/.%? MD9%P9_(%O.@[Y4WXK"VTK4XI_$L00EK96,W_Y4P=F+@!:/B]NWFN0\>KHY%. MS$4^(O?/K&*-H% MPZT&1L]!";M+B)7A.Z/G=CRMKEE(5G]\; :X_%@%(L/DCJ*BD+,?]01)700Y MC$>O-MLF6<"QKOV,7RG[#05GEY(.7.X5,)T_9#_@R\ZW.:?&-&71B'):@*_ M=@?NS50W5"&BT)YP.6@OW*P"Q?VZ;XTK:>H4N4-=![M.Y)ITU|I^W>+ M9?YK# (*I,U8N[0E]C9L_G*MK]E_9 M9R?S%E[9A\$&;=PIV*.'EB#U/:W/&\OE?PHZ=>?^C&W4Q3GKR,1EPIS C/UO M0SBW<1S1C\@1HM& (G,TT4XM6@'I^JM.L8&Z)'YUSC@7+D%*D@2WO;A\6[SRL MC7^D8D[>5CTPAG<1^=3-5Y$;DV16DO5L5^6H^NU''!*-XT=:B0?'#BQG((4Y(M<#1EUS/HVRGHK=C. ^RWHX"FB>U"!$B(QZ^#TIW:ACL%@%Y8V(_4:LODGU M+.6Z,:V7E_FXT>&?75NIX]Y/S5?,.G))\("(2KVX6$]$1$\/=+U^AE,_N7Z-AM MBD4++W=7KK/1#49-Z)^UZ%()OM%VMKE.9TAM$FJG8>@L*2B6^Z%[.%-&G2)HOFBY^!! MB/*>8C2B.P23B4X$%\.4IR672=D.I)=XI6]!'AX&*A5(\'VB@3<5U<%S9\5 M2Q8$"],)^X]73Y(2T2*8U ;YH%T^/5__]_5?)A+:3W"C$> Y]F=V:8U20&) M\2>6Z26EB!SIG#7MN.04U@7*@[0G&2I\ 7F,?&D7<#W_PIS^[_*5]&:W(1+/ M+)1T R$T-FF0:4L=^Q N BR>ZR]W0=\,UU]!85$)LF@'^'$@RJGSR(6#05QBY\:^\M-TZ2H5!^.T1XC?!}?I\9$U5$*\BT)YP.6@QW*P"Q?VZ;XTK:>H4N4-=!{M.Y)ITU|I^W>+ M9?YK#('I,U8N[0E]C9L_G*MK]E_9 M9R?S%E[9A\$&;=PIV*.'EB#U/:W/&\OE?PHZ=>?^C&W4Q3GKR,1EPIS C/UO M0SBW<1S1C\@1HM& (G,TT4XM6@'I^JM.L8&Z)'YUSC@7+D%*D@2WO;A\6[SRL MC7^D8D[>5CTPAG<1^=3-5Y$;DV16DO5L5^6H^NU''!*-XT=:B0?'#BQG((4Y(M<#1EUS/HVRGHK=C. ^RWHX"FB>U"!$B(QZ^#TIW:ACL%@%Y8V(_4:LODGU M+.6Z,:V7E_FXT>&?75NIX]Y/S5?,.G))\("(2KVX6$]$1$\/=+U^AE,_N7Z-AM MBD4++W=7KK/1#49-Z)^UZ%()OM%VMKE.9TAM$FJG8>@L*2B6^Z%[.%-&G2)HOFBY^!! MB/*>8C2B.P23B4X$%\.4IR672=D.I)=XI6]!'AX&*A5(\'VB@3<5U<%S9\5 M2Q8$"],)^X]73Y(2T2*8U ;YH%T^/5__]_5?)A+:3W"C$> Y]F=V:8U20&) M\2>6Z26EB!SIG#7MN.04U@7*@[0G&2I\ 7F,?&D7<#W_PIS^[_*5]&:W(1+/ M+)1T R$T-FF0:4L=^Q N BR>ZR]W0=\,UU]!85$)LF@'^'$@RJGSR(6#05QBY\:^\M-TZ2H5!^.T1XC?!}?I\9$U5$*\BT)YP.6@QW*P"Q?VZ;XTK:>H4N4-=!{M.Y)ITU|I^W>+ M9?YK#

(>G9$V^.'$KRCD9Z2'M!;^LJY,M^WR!73K5_Y^!/.76#=PK9A@GZ;>`MM*BNZ)%SQ<>'OZT1)V-B=≈.D7GKX^3/'G0;B88R(S1]' 7[++]/_$<4V)2>.] MI-*>"??? Q;>&4O:B|N9S$): MJTK6;>3D%;A4)/94/6H5) ^CYUXB08%/PD)N?JR137&@B/1),#AFO[A9(J#9_MK>V0__XQSC?^-$23U@'%FT0'0TM.U2"5,P^!@ZEIV=JC_:V-]SB[9R*3@4) MF:,34MG#@\S^IZ?\#-W=!?)YC37#[LAG>\?!LK]+L8\S/LWZD!)&_:,#)}Q9Y MD@X$Q%/$OD"YG;@2[YAUF$[@*$?=0R).X\?*NO/\E^1A/2SK A)Y\!^&JD4'L]-;) M^?ZLC_VF';I*TG!U+DG@9HZO86S\!-@[2MD]!#S4F]_=F*#PX!K%."NHR7+W_M_0:6E!@;N^Z3E7LNG:CW9B,<#)5CYS9J6\EW!>UCLM_$<A-L,W5LC@+!J M>-.!|&\;_-<[^OJP &-WF+;8=5I(_9&G4Q*#).>|_) {)42:TK C0 19MDAM> MKGE FZ/G_L>KT]P1;C<:/)U25_9:=2H^M[P:9\|.:D)57%]-_TZSZ&3&>%/L. MR4=-I+A.-Y6O*U,E=>"'9QFB2Q5Vl\659O%^*-68$5CSIO"T3&8D9R A_=HR MMT^YCY'2&M6?$ON'G]0:"L0>\M"5NQ;U;@+?)7EXD8*5^ 4FB(P,/455N4" MG* (D@QOD)R\W<7#3FP>OIZ7:GM</<^8QHD[S[N#I;_1<$EV!U-[4X69[@\33 M69XEF" =J#.GL2]"-,.KYR:C!S8")#'-L)+AK68ZC5+TRA$A>@:>;<=,AIW M +LD29E3;E C;1FNV==W%+9T4_63317.W0S-I&'=,86$@3X&9SGO\SP"__; MP#]Y%0J=U": ,(6MB7W!+7V'4/7WL5 4-R?60! M'T#A$6C::.74XU5>/#J2P?\ZE |QTH)75B Y@G>G !H.EP';R*%5,0SPU_,@> MZ=1PX'\%V6A2!<&N)R1K@48.N2EI$W:I!C:L.VA2*,L M=)T}3=T/US1,Q?FC&\&6\UL'K,??B%9MY0W>+/NH@1UW3P@3OAUWZ093"364 M)HJ()K92LTJZAD-:3GE<1W@;5SI35&SIP .#O?NG36EKIU]9W%3*A-;7XPRK MKDX;2=:++"7_9K$;M3!AUWSD^/KWV?26@B?^"0FI^^Z" UE<0;W(R M[NPP7/63.C;IB:A-H4I*$W^VXK(5B6P2CJB%;R[#KY_OG4,7D^+J34Z= MTO8Y%!9D:G@N'SKG+-=.=Y(WP!YP 5BVK19>S6/^-OE7#@ W1$*X=.'-)B5M+ U0*$K^-OE7#@ W1$*X=.'-)BS#+U0*$K^-OE7#@ W1$*X=.'-)BS#+U0*$K^-OE7#@ W1$*X=.'-)BS#+

***HHFHH36FO@&IP=CX"]6ETTTGE_-DN;40#9S PKW+=6T9 M?!W*$"FEBG!@F,%WBV/ZM$>0_7F M!;CG07G=*0}61_7=I{WS9I5"H?:!K-)ISHX;"6$.7*V M#3-PIXLEK_\8RS86*#0$(4\CNU!5O:WIH% ;00@O\IBS%_(_<&TZ^:*0ST7R MZ/L,XP&9!T5YGX[<" 5W"!O%)SR[+16<1;9L*Y)0fSYY="+W6PA:4%($NE@ M]AT%/C;/=$ALZM\7.V%L=(BEI'"XYX4:[6_%WQ9% M1\ T;L,UTI]K4R/Q9 ,M@\%+-_A7QX4U3+S0@7@S<2=!,BM) GJ.4"#!)&8 M!45)H9EE&BOB/^&3/0;GKDYY;2=PKU"ZHPV4\&3-ED6&68EDT7AFF<#I0Q&B@G]!C]=1_Z5'R0L>T(fR*!;@]/B5R (*66G5^pIQE"CB*?@",4 M3O+K&D!)QP8+&9(]I-T^!7NG\F>T-.0<:0Z;_M*X>?]'=NRN4-L$ZR#*PV)T MS*"/>I@ARL-XXP\;=&6:>A_%/6&585_3'*K$O M,>$XPNL)7C*FV2(6S8GRA#)[6A -)$ZS2^^W!7;*

[;VNGMJ8$8FNZD^P4P*7X2 M#F-H8%&?YHZ]^[AM]\4*V+C)*KYAH^6]0 M%[2.U/;R(N1(+%1^14M8/(]5ZE-_/00T>WW)EBWOCTE.OP7:N)=T^&:#3/=5 M)L(/\ [""KPA7.F_8DU`)5+:#R21?XV&$&=6%=_]W8:9Q?N=LTIH\'..HIR MRHJEQ3G3I&1;ZJTH9Y=P)/-@:X)\ZIB2S>8/KOH2AM!O8YCT)+YF8RK1CO!MT M6BF6K6$<=GA:]BO+&*IL9\7E-,)'-+N<^-*LI0[3HA?=86U$BSD_<-^*D=X M#W_072'7*[5V-/%;#XBI!7=S.4Y5@C8&KIA,TI6II++=]_6^*3&@<$$H(_5Y M[?A-V'.Y\;>3S=O0LV0_5"0ORI>L7$;*5P%1)3 #YMZA_G;;EXPQZ>5.I[B MG)^[LBEWV>0V\N0P51K0G[((13+TR0(XRIG%0U+H6E"W\/I-DOK)\5+ MMYE ()".I]IX^.<8C?W -$84<7HOM1Y&5&68>*GI6)X(VDGFGM2_NR'[H-X8 M<%1_ 0@8FRSRX/*$)&!.WMXUK0A^T#-I28I*+)E5%>@N6I(42'>C?'O2P.+R M;&P&><*F3T^6KIO5[+#'O/3. *KD:W. >F"1^NEWKN^_91IE.U1NK<]%%Z0$ ML/H)94T^0Y5O?5]"1HI*U2@^S%04O M"]E7QU09>LN6A2!1O eO9OL@M]!1Q<(9LP\G)E]N\G)C@H#\P-C7W%O-F0DJ#6UW]RR#5:65_7X=KZKZ=`"%OC3C4O\>D7#C> M8Y?A\J7KLBESBIGO)GAE<.JE0R.JO+?9G,6),L.G:ZI;K^_^9L_"(C)F?M4'V M<@(N(O!=]8KQFV5TA49[*PH,?+0#8@+<'[B3YF(*"Y03H]F^.QKA%)]*^=Q1 M/6>K'K*U^>Z7LT8"/V,H=O%&>Z]4#XZ/D)3;,6ZO "L.9\8?+@Y_5V8%YFI M;.-%9NK4%K31B0.65>..:[@7PYW#)9?0_"3M-#]H:%IB0OB<*BLYKM*QL6E%6% M[CJ,7EN57VK&AVCH@:GZP'4Z8YGL9;_IZA#%U%V*\$^#+8Q-ST\L"H7P9)Q> M,3[VH-$VC%4I7CN6H'ORMX@T=)O639I,Q.H";^@]FWVS8\@!=:,"@TX((@Z3)DW*]J#*\7DBI# ^6D MDB2WUIY(RPB?=3CE'%RR#Q9F.Q%(P%K'>06(>);(;N2:#MY^@##H,8(##&%WK< MM)8Z5!CV!)1ZG3P'OP6-I4'<_?K]SWKQ1RJK,#IX&3#RQ1).BF5XK5_,N3V M^.B7FP/-8)6H%_NPAZ@:9/F$2MR)Q4<2\1GEQJQ=*3Y@)>\QW]/\[O$?>A2G MH%P 9!M'3^%DN%M]=(C%24V%YE=5JP#?IM.?]I_ZV+H=K7ER'*(]%7XB53JT M*8P_.(9R%2&-GAY>H4PG,> =Y8JW2V1<';*S+6#I-F0;SOOY*CE%6Gl;V**ZS\\-D*86-]ME6.EX(>G MU<^3D'Q)Q$&.!*EOOZ9X%ZXB#T2@3!;D_;&C]^[*K%"/&_%/IL<2I-H]H4!-M\DFK@=-K>*;IK>]JA_LO=(JIWW-V?_KZ M<]N)DY7775 TMIV1<6C39"FF:8SKOI,&]TI;S>B1--=(SYETD/X,+WIR4E,Y M4@;94@4116HW3L.B)TX/4IVFN#2F:[Y1F>[S&>;,]10PGY;9'S']=-0R6%/M8>N2MI" '$8;.WUXH%K3U_)L'*MQ2]M9GK,QC3ERS*DGR]XO-)A M//&6YP%(" MU)% P(+.1D7B"&EK]W/W0:X>DQ7&<4F7>%F&U#SME9CZ_7TI'E4~&7]H1VNUNTBBJ:LAG]K_5FI0 M-O*[FAI_%4S69Yb>!3./DFB]22 5&+[*IGH.#\P-C7W%O-F0DJ#6UW]RR#5:65_7X=KZKZ='

MH,)!#NNVHVZ8KR47TF]J2KH%U"&TGXVSG^5\,BSQSY\=)^1GL|QS$?\TE [MNTL?|>F_YQ6LFZO/K X(ZU%S$&+5"M7;+2^,=¥-NS%7>>QY5QGC 910*ZX>M M=/9@!?65P4[-)\P&Y*KKBJKJ:E\7D\IMG]/^LZ^& M@[%+741W"K<)OGF]X)V#$Z*3%$YTWJ$" ML7EU7-Y/GL&[W%.4P**/7S"2T[M!>^([XD&Q)3XY)\VB!/U,&$5/LFY%,=U#MFH/ME^@G5"'J$K$@_NF M8EB.7NS^LESY3NJ;PWHFOA;?NDP0CR[5B.L2SYGV;<-"N^.PO1J@_4=W)?1<.M1GK,BXS_CUO7U3'"'E'!.?;Q7L HA/24L#MAJ^SWI_SE'+$VL:$(X/B'_F>CO-@^2WBF51RXU{+AC1·18EQ=3#LQ%-DBJ%_U'#B'*6)CEDS(#ZC#&C&BKT8E:%|M>[YV9;S8NJ*\1W6M*> MM(NB12V?M M·!JICAA?5+ MD7*>&8R/< &'S+;.S../9H5<^Z0S8#41BG,?3N5%C1?P!]D2Y4FI+D$*7(@$ M=_FS$^4KR(;) [(F0$N+X"%6HVC(BKSEXVFD#ZQ\|[AO8F)K.SR MA\L_JNNE>"3C4JX]=A;SSM(JE3[.& AM--DS+Z/.G02C;TWIGL;KB?3SJ\@Y M\'=7K?;'/I0D*25;3OH+4&K !V0]Y*5C("ILQ0M+3Y4&+-^T. M;F@CY9 51+5?*819'H$(U M76Q;.(:=LQ2!MO.YQ_#;M(W92"\?6IR?_.SG[X?IG;;TCYH4N:!$B]>.,&J>M M\>POV2/Q!X%E3DZK4@W+M$B,R'TB,Q'0-1@:MR=$OH/4/,K5U0D,Q7<'K_T]`M8@N'<.UTGE'4*-L'5&.L :)/D-1@3!H>A>72HG6-F_ #^)4D#\ M[?&@*H!% [}#>ZBGO;_\D6QUTW:.% ZA6RHPR[!G]/(F(Z'^']PC;O=-D*3"$ M5+A(@<.2@Ul;4D]M<*Z-A 3@.D.#5[0\>1@.]Y?,-;@"NXL'H=[)@V$/].M.U+68_1X=L]7/$4>,R0G&2]WAK-3MR{2^>*ZHN8@DA9K&'?F:O3I*.AP@]SZ-M[1";]?8;1 814:H[YK/*$/1C6]\JSP2M^/?E$4?MI/_],=#?4=OKOQ*^Z;_'-M@(O0_OPWH,(&UW_9NC,P9ILH'T;9/Q Z.SXP_6)$6)!M BU7\E#*N43XLZ??0FP'<@<[XS!D[#EP[F MR?9(G=68S{J6K\"U+SJ[6,*F.I95'W ;_1=^BG0U[6]=,'EHJG 4#_/UAJT< M U> (OBNJ"J!1ETGAVKO)DMSQH:<@%BKJQ63HZ/HGPLD3V0,AIBE.R#$6Y8 M)CG\CKD/JK@3#KY9KMR5;2Q^__OD&?M!X5*OU<^\,TYIU/+=Q ZJE?|!VJ7 M\TC-H!!.:YOX$KY'5P'.#JS<@?O/=ZDZ!+I-2QA MF,>ZP%,(U!DX0-'8&JQ+O(;!VI^9D\.1T}>,/YV5W?#F6U?)C!72JG6I/764 MA +&R*K4#U0!@M%N_1UOQ:J0_ M>U5XAZ5/-SD>&3A.('QJMU\Y.E[/ZKI2TB+Q8UB086Y^18;A<)>3T_2B]'.12I MT*^=.@Q/#7/)OTBT3);.-Y>_.^"|T3>M,ELD8OBN;6%6?#OM?ML M[0X+U]^A%D M&-*8 *'P.)#*0.*FK__0WCT"9M[GARK9C#)605V5"QBM'^;|EYLK&9*\S2"8 M(K\MRGZD2LQ*:.Q F#LT$7Z4<*763KJK.J"* E@*Q)H[+TFF%[!?YZL+V. [M+-.0]3@9 #IQ^.F %N'I]EGJ.8K1PUKO;?2#LZ(W3_NL1]Y-O"W?O9!X ^",0V MT^PK9ZE%AP58<11TPY,0_4$\L#"ND1S2U#*9U63V' WK9Z,\WQ.@;&]DIQ-MFZ]L<[T*FC82BHX;Y3'LY@2L53LA>3V'E(/4AE:CF[_GN1S;!_Q_AC V0X M7.RER58/-!=ZLW+!W[2@UFN>X\!+KB=]I_C'\+R\-$QL#O;7#^FGP'"%RZZR1)% <11K*3J3=.K!8^!%_<\!'50# M>3$--?L.O5E:P'^O+X*4GU7]3!B.V@E50S];?"@DF6)\4W_"9]3D19+)- 8+GE5D2^@XC&[_>CG\%9I*=U5=ZL120;5PMEKQ,9XTZ-M!L<&@]D M77.)%#*59)\81/>]87'W;>]!N470&89#1"Z)0YY/^N(310+$LM^>0T;"&3ZD MI>;ZW'F=V-RGG+5A/\4L$§7AP.W'B8LU3^G*OUD"T4;-@K'#UY_<>Q8XAS.1 MRC? 3S1RI7GO<.(=^FR##0DE%O=+!E,U"$<%SU2#\G5*K7ZEFR'2=.M353\LJ{68_3B#0-.>53&6:X265/>W'BL1-5DEI0.G6QH:_MM@HE,&'HQ\!M MNH:#%]&"N*Q)U"B7\)@L=6UJI,.8!2Z'HP>~<@CI,|LT, Y?5+Y~<62%'Q_ML#HIVSG,MZH"/H2M"7$R]I<8 WRV^E>$P{V8ZA^[-6FZ@<;]:2;_OK$R\AJ{ M,Q",]S=AN\5DN;^HTX3%^,??+>,2Z==<&\.?OJ*Z\W56T)VCH;E? 93C'6IUO MM#*,=BG0]G0,*%N+&-TPF5.=Y$4$7NW(=,5T5RP/DNXK&_^VSG|ZZ'D;<>C MZC;-$=":%A.+H!2Q"(C\UH#^N8)!*$O3:NF*I3IKKGDFW53(//1V?:0T14@ MQ:4'$OD6UD%=*X*HLN!ARPK%E8!-W!ZO|%T6>?,CQ->R:XAHNZ[5+A0=# MT7!;D6C? +QX,BU1)Q,SW/NB)7\< [YK%SKI95TSCS,\=IOUEJX8SBA]" M MXS;A4^B$1>WKQ>_89V?WH*#%^0"&6KVKNXI\9F@2FH=OA3UW@..(L>%TFZ MSC4CZ/S<.01@:Z2]^F?!4.S!C5A.O).K2W!I)|GB_+)LLF<="ISZ?(GIF/ MW3="TN#D\O+JUX6'#BN&8M55K/6#C#*G) T4^.P?]+ ;_ "=/&\--PW#NO M:1KOBA;G7W#WAC-\IVHT)0ZHR%5SY[E(RNS"XKP[R8+/2;4=WL/"@-?^\]KY M43F&[3N*>>ZLHWE[0% IO$YZ-Z<^^I.I2="?7+N@"[LLFJHTF60CZ]PXRU$J MDN--KWZ>_(]BA(E8?_I0\W(_+VT"U4\Y8*FBS(IT4F1#-QT1(48+.&6'W4^[_&8AECD>=,S!,[.(0A[*W4 ^[_&!AECD>=,S!,[.(0A[*W4^[_&!AECD>=,S!,[.(0A[*W4^[_&!AECD>=,S!,[.(0A[*W4

*E;4%PP:`]0]YEK33E`-3K8'$'-M!^<+/+NK%.^9N@!`WKVG-UU57-Y_NJ`MAX\O\$##*A+?D/8\47_VQX5XVK%&G{OWF{$3'DE@BD9!.+PDJN4]B;+G(2/N9MXI]YK3C]P.VA<>VT*P,9>4I/`^N!6:..G(0+\7;BF-5G+B-!!$LS0AEK>@>><'+D`M[$&'2=*^8QC-A2BP]2)"AS`*:1V'+:2_(SZ`M?R;#_'<5E#C*MI:^R^$.86I5'LP??/+?%:A,/81IA@\M@.,<>X]G2]A5ITRX`MH8I#XE&J+UA:,B_C_>4MUOP|%\&=1E/C_L=BY!3}]OYP*?;^^:,6&ISC|'-MAK|\$|1QLC39,?BZA5<80K|E-`1'!1]=987]+060Z^]?W(RH/O8(*:_M`-1R$-UW">,>2)%Y$]YOJI$AC({E`!1M-!V!.<@!\':*,&+:,#Z\3S4'`M:$\<8X5.Y3HP4'=STX*(O|\)WFSLO_C'#1+]FROAM+V!&A@H18)4919/MNQF^8GVO;F"'MTZN2L=]W5\`K4E.=Z?#=#VQ?]G`MHI?[:PAM/9[E6[B6`Q"S(B%?9>QMHS["3]PJ.0,U_0Q#D'%/,X6&D+A>6$U=MK9]^K[3S\C\CV"W8>MS8%9(P.+S;B0,D+'6-<',8@9F<[%*[.%02B69L)489`M]4^`WLA#6%=36M@D3+8,R_?`G6?RG]':*&=UMP@,3%Z-<&M)MS#HWE`M$BL0A]W5=2FZW?!%,>2)M;`Q5/0FL$@+[&ZWYP##N^&O^%[\'9VM?JR0%<`M?9^5!7(`9UPDTL@4F&ME;_^-`M[.T9]2*&:D*SY1&LN6.LHOQ):0YAR(^%.YRV$$P!GJ",,N3[T?$'2.,=`V(`M7YL#;\AWF#G?@2VN|&XT5P'3OH@S$]6.;[9FYK.1]Y_+Q1/VJ0O}AHPSPDSX`M21!`_V95Z5=]F4/HA6KD';W.4!>11\=|N;FIP>^^701H]|(D7!J22>O)VAC`M[ZSU4=4BM9|A:3CU8G7BHZZ*%?=O"@@|G1:)'BXF)_KC9,YDYE;YE6H*"+K*MXQ(SC3K{6$I]93B&7*$T'#S=QG5ISOIMCI]21O=I1K'QNO333$T-[!:PY#CF`M--S*@$X42T(+4IKSV\(`NHYLF>`$;C,Z__X"IHS%]C_9^LW4%AF%*/Q,NRP`MHG1K>75-E4QR54K>$#!+,!PB;-_,C"M@@Q7*$C,U%&J/W(EV7^Q`ME2K;\38+RD0!D;[P(VKGE7_8NNJ94]@+#R"^T#'R\YB=6/,,F2/>]P--G*R0`E`MQQ6^^^N1]B+\,O8K5$=*TA1(" {&CU+\U%U97I78=#CNSOZ#Z1B+Q^E6^KH4]`M]]\6);,E?U\EX\$UU2,ZICALQ\2:8C^UR56R!#IQB[^X\'9NB%$V\VGT+N3FQ M].BIW2<&TX(3B[:]E+6ME'WH|O3K<|/_0X)$@$4GE`525O.2Z=FYT5^R:GI'`M-[!KZ_9-DQ_G`-"RI4:0IQ%NFLT!R@ML/M,!"MYR7UL3#L'Z!8@"::N*^(TW.YK1MU`Q?[PJ?`0&+9S"KQ7$3/4ARVZA|]9YNP;WVU`M>L..pJAM'LO_M#*F.C_0&+#'A^]5NS(1P&M6!XP!C=M.]3+RD0!D;`MOFZXE#F$=3--`2+RU|+D!;N,0I6J_XVHEM3/,Q45/0FL$@+/

*9YPQSOM^=]P|{OFQ\FMG{#6>,I\Y MUUK{65$!B$LA'9D:5_QR6/8-W9"XHL)&D>WFU>3S8 C<\)YEWV&@C]ZQSP8. M%_M%- 1\MT|87&(_+UD39 2J/+ KA/.0B;AQK%QW=I<*P;2J+3M/?41;1=?I·MKF747;&2SS<'$4_OQQBS_.7^+QVTG*P'_5+ 8F1NPIH]L3G9#SQ4XE6[>S]*.MS"/[M?S-LW)!]?>9"O}(_^; SCOTZ":242H6+- >^-0ZE{OBI>O= WY_"8 N,*W^"/ 3 M S.3LZS/(H3O1D? TY^K&U4"(Y,3TIY5L4= 15:I]\%PWXL4OGWJ1R/E%N9M M<>7]H'Y0D]E.(T7_D\B5KC-P2/.TH:*<>KXD|LDE-IOT@. 8VGW[=0, ,)>.@6)>>P!\B3"[D{C;61GCM]}SGM-(5$@I@<'|=,= M,98=D%7N1WJ=9S. MH8!#8%#Y2'P>6(Q)X?ZB8'Z)+1 2)>A'8WHT1NH]KR@7#<=I-_O<- D/E$'> M)"$,Q2# T((VTW11Q%B!@+7PEKBEUB.P0J90 >_H@N/(XAB_]<2W7V[RFI\G M4C1_^8C0.:¥0C!&?I#7]D\C">XPFHH-*EU\E?'\|._O03\[S',_^=@^>,1MBW M 0!1- >&$ZL4D2PN2YW!¥/,+D< ,QCE_V6$<,Y>-_19-*W?SW@O]+ MKCF[4*X@OA0(TUXA1+;D=8A.XR1[>V-O-R;IR)V^8[=$>R P7&;X<5O%;"/I M_"L{FT\4.\022$@{@\C:? 01P"U@2+A=V-=0V3\FU9*¥)*5UP:78;/,^_U5T@8 MGKP2P;.=S$;BXDN-5B2^C&XS22.P)]6"ZT; #L;2+3V8!\]GUKR4X.QK<>8 MZA¥|E,[3Z?E? @;9+GH:&^%5[,)*VWQ+)R*KC<%W#4*+M&}>_|.D";L,72_4/ M>9UO8 Q ^PHVMGNE43U&I!_,C3GM&?*¥N'3I@>^VO-SN M<-2!(7¥.Z>OY*TP C)[_FPZ[_[^/CCQ&1)=T7*2H4!4PQ*'$A]D$^62O!^7= M(9T["¥6BJURF@@_$DB7Q-]/8 9 <+8&!X=+2M.H[M2>15[$K?2!>E4/+TVEU MV6E; "Q[*2\;]R$6GM;) X#. (WN,&WT@#(46DP1G:B,.92\#S8UU&5VS>G=+ M"WWS/H6RIAQ3'2-A*U_/;4D'#;_;C1T!A!L\\R<@V#&|^(*7N[*?Q]5A>7D M +5CHU=16O,+=<- "8=NC3XFY!!ZRHM_.IG:],>'&]B46?!#KG-)!>+' MXA^,-4MJ]GU;W7?0^ S_AAMSZ*?(:5*E QMG:\|'L_*H[TK 1NR4!ORX++/ MX|OO/|AM#_J.GU_@="3EGBM. <^8[R,$=@[3(!+O!V=>>_|*(4]V5R]P&!P) MEKASB]N|O%!'@E-1S#ML;]M9@ZT_]>Q4*L92/OF,Q3EFB-;F^EO_K^=<7,H..U-IN15ZF;K/?+V.MLH^MG] M:PAR{2LZ@9&Y" [&KK,E=6I8$$Y+7I,Q6I;DU3K\SYE?9H7_?' M>>1?27!=L7U$L<0O@L\T$W031%(]IFK@]MD9->6ZZ35-Z/,@ U-1YH;"&^#8 M,@#'H/D]@K\C.0! <\)OV+4KP<&RIG5Z=$W+H8U.EL,QIFV#]AJS,'KPE/CG9 \M%*2[^YHO5A<.,Z\]%(L!]7@FA'&M>U18+7$O6DVM<25.?'UUV$QO&M=.WE _^3N+$U9I_C#\- +V>]D[.*H;? M)R.+R.,]=E#O"9V\.VU-&?&BS'UR:9^K.#¥LVR1]1W19 S]N!CY+V^Y=/F MF-I=[>1G\KG.Q]M-XR^ E!]4N^*/G$=G(")^I ?OT-\0BC6M:N?SGNPZN!2 MY_ZCO1H7QAMQPF?%@1M Q/PS;ONOB-%U8"8XGBB_C@=K]^YH=\K.?7/6LPPX MR_I84]$NI*=;*EH^BAV0^H3P93C#Y_3T&ODV88;WVI,3<^YZQ>P<[KR(=>GY M!5**Q\IR[1X2UQC@^#-[{CW!$T:=MO"IH&/1D'\##ZR<4_IS6]I,.08Y\IXR-MVM5!3L5#CM%75NH^-OUU+]K_@^9!K% FW+?^V82G1,O+U8^NPJ_PSP+3W^,7 MBGCNDOW>PX+LR9'XRA6VR-,023GJL)K*%%M+MLPK$72.*@Z}_& -?M28*N8+7F,I$RK-KQ" M$;*:=- _*$?IF]I.*L$L-X8AR?PLKS:5D9@RY6D$1%G!HR0]3|/MYI &C7C;1 MR7$T]T!>)72Y;EZNFU%5#+H9MSPB4"R5V7U#4X5Y^K(+.,FO"·!5LP3=!=@. M6OHX+U%U:+XTWC&T>5?M6V#XWDV]SM\7_T('[$8@C>54060W]&ZW\0A@Z]#5 MD]8C=M_QTKZG[Y9D<*|;2."CR6-W%MZD]]RZ4RWC;-Z+'"K^.W/B30.5X1-MWA$WH%56EIF\"YG_LKF]_YRZN'X)9]+0D/4>EU1=[$E[@0CB$>I8"+ZF8 9 M\? #I'EU2S&V_9!H\]\-IOU"^EYBDARK0XHO:-1J|:-S6%#TO;UK/*&-BCUY MX^?L)E=C]FZW3(]Y:5T1CSU9+";&?\;JW5JZ"T= \.5DQ$43I];@ZNC)*S$ MF$$B]FSU+ J]AH!R75ET!FUP,-^(&8AY4NY>(= %)W:5 @3 IY%E--% RP&6E M)MGW] *8/K2.82WR]\4H>9CV0 (+1'BLW<2,5O GG;VK'D2?,IK@JG2,Z)I M;PCDV+7W68]HNS=H^88+ ^6S-WV/(6K1D$8J;TMTRWUE7NQ?D%Z&BH1MY[?$? MN9IELM#*]A=`]648*?%24E5TYI&-@IP%]&=B-^10IRKTX4<',&1@&*XY^2[M@TXAKZ6$TM(9W]//_:]FEH_&QO3{P5T.D=? A,%H\58 DQ'S%L\)*I@PU)8Z_(G+1O/8-H M?\"G.525+2FT@IXJ{2S97=]0XJ8)W A'ZR0E7S?X]V/@L,Y3"OL]S:]V* M'FK#T4=*4V18PZ,N'CW,!E!,&+C^DFKT@?R;X@L'B&D56990/?U-WMU3:(O/ M>)/V^U?,,2/5*]VYHM,/$\Q[/ @!BY=)%?S#*"2>1<}{2>T7[W2!G$-R2DM MO_.IRL+CF_"D{OYG<1Y(HE'?] MQ=ISONF4/*PB%#F'9O0=H$4J6Y9_^5@S,K@>D-\GW7#L_O-C4TI9H*:[YAN-M"OI? #3E"#@%7ZO(.'M72[L<*FN>&2IY?'.ZH:'YXM3C3@22^)N_,#)EY7_M)#MA?CNA%@#M8$,F"_) N/ROK8V;7X=XT<9 XPAWF+W+>?6A$/(93[T$W2SI/-M]]W%->N$ A'R? Y9KR>@^K$?B]H[OK7W.R%L3:OQGLPQ<;^#P\>;#V^8_/)E_M84A7:!EP!XH5]1(4]TQ*LIV6)F9_-R9\6G1[]!GI,G\5$K@4\'(5@MSK,O[S M:!T4^4Y,51E&A8T%<2,^+'$O98$AUGD#2$\6B7SY2-R)*POI,H$&GW3)F5MUW3O9O3N)HI[-($,E7XBV, MD)G8#K;2QZ1=4'{M3:U!QS>S:M!4&2B27/K1<.\D+"'(V7GD9"R:] 2GWI%!.ENLY20S/E7.5Q(^'G;P*=_1QQ&&Y#>[E# MU0D+V/B)8"^D]!D-J?A{J#]:[E8C)]#\T8T_F(1\R5N$M(^,BGH*[W_[WS A'%-YXUU+ #N^W'4JHQZT,H/CAEPGH!+OKQ),M M94ZLGSK?U)XP]I/6% UARD._V7%6QOI[X/U/T?_9EUST"?'BP4X-(2?II)_HG M"'"]J66V/->2A^_GARS1IV<7##G(M$6+X6SG(R @J##O(+-U!X3?BZ->7(UT MZ0^`)C1\,H#.'N,V\N188+ZKKANYHFND!{[X"8 ?$M3I[#0<)!99OY(EQH1 M?X1%)S7,JS0> ;R&1L;^G^.,4(:E 5G/;\#D L8DYSYB'..8Q%Q4'UH*;DTK M[+A!-RTO<_Z$.]."4%09T8AC3W-RWDH:] MII9KVK8)+DI/89=_9KN\#SY_?&>);=S6W7 CQG[X*XKK A9@M#/D>O*NB* M-[[=?)(? LL1L_>"L)"&@2[>;6TQ&@YE%PQ;4[\Q-G(!<83!+#;]20DX.55TQ M#2$R='I'HBS;NDY&$56WM VV#?]HA7:..#K2@A4\%<_I K1N[ZO+5JG;?.. * MSKW(U&5Z$;W+)D/7<8^^*,*MB,RK>U2A6/L)0[EBF.D.?]YG3*)E3\?GX:H MSFT?8%F@:OB&IR?4=$*)9$=#Q3U98R%!S @GUN"G\>I8'=VI^VT&: M:+JL.J]B^*- _/@XBJ=3SIV6 PH-0$-P[]'.)N9IXUR"5$[>1=!3;NMQ?I,"\6]#YUWO&Z\S M;QOIN)A-,,,AI?:,)N?<>:>D9=_EF[SL . .K@ AAV=08? MO_*&]DE&$O5Z2#=__")+;ZBJI((UQ;'S[JMM*%=`'+X10DR9_S_3:0AD7F-WUM!EWLT.9*3LN*;7\[R3LL)A:(>+M'Z$_8^D M<';A^G-]C-)]J-N,8VWI"@*.[)%&G%DA0VW)*

()SMC[YI M]GNR8O2?B2^9:)L\U4 X#U7H$(]\1KU)0/:"+Q ^WG8:P:7>W/-=BPXUO#$L M0)/SO<#?X55HU%_)/=]$HEKE&/VBV\Z%.GBFGM+CB;YHT]Q5= 'F=]%1S]# MP>M(?X?/FN$S_W8SJBJK=-/,!5U>Y!N5HS6_X)D5(\X:2&B&54^5Z\/RN$5 M3CH"=((YK<27+S"4;$>@-)0JY, @WG=IB4AW0LER5.K&^\IEO# 1F^HQ%9T M?&S1@]7S\U4^L?Y])D4F=WA]P&'^OXCO3TC"C;VTN^7=H'F/?BPI M-G#6^10F4TKN>IM1]+'\Q!A'G?[!%OE]<=KE$G':6ET"3((!XJ#WT$6;Q:H M$[')VBTZ$307FR;+M=6-<_$0#1XDXI[FS3N1:M^Y8F@E78Q>ZXTE/=\0G;?-MG:[VEBX6C7!24CZXW]^;|!?]&2_LOIWUNTURBER M'XE.+B:*]&,$Z,+W]@]DNU!F7=,J,FFVTZZW<$.;7LXB MZ>I=4U%54[TK>L3 M[6$_$)*Y8'T0].Q[#4/'J!WF1;ADZGYS_XO3[?-H5[LV$](EA.345 M7KH)!8918DEBY) [WB"]'0!TZML-Z%.5$N9M[H2I8Q%7"(Y.]0%TS1W2L0]Y M, L\.GCRR46#/E+,G.74SI.%^X&G&N(>7ON[<^.XX+]2C^FYIT>"D<_AD0E_M;0:WN*477)NOM5OU[PY:E U>US/?-1KIEO%(.@C_AR^2-$0,3=&& .200V?B M:,'1'L6>35!?]7[U.B0<;9+2E84ZRUSAB&0+.B>TR?- QWBBLVY";QND7SFH M8O&:)/WF$&>O9]\X7&+LM3;\@0MTU4CIXTHL"VM7GR/Q&#/,,%P U!:8^35 M2+WN<+CE.V=`XU,FP7KS9:T9]6GV_3$*ACN+Z\&R77U$UFUU@DA_ 1N48YS0 MW-?4]B0@[*:3_7R52&U :N]FP%G?I]DN+:@\G7U%JI RWB^I2P1^@Z"WHX.S M<0DNNMA94UG+:JI[@3W& 3 \JM[5%1D^>=>O@7;W?MV>@)6=98],!B&:7+%R-7'T$L!226WW6_%BV1,!G MR+3KM!\+GT?"4^$FQ[S6C? M^2-NN_F*IH?!CZ0Y]#7@_*K(C#@_#*2#:J=@/E;/^]AN29B*L](^?'"^"H4UJB2>3#91'7-YUUU_^ M6"5V?5;*& (AU#"$1^8&6/CD>2\7RZ7I<+PKN@^P DS8*,X(6-7.:@Q;)QO MC8PA\3B;&QH *XU!3K"^9\KGA5_K77V3WY7Z+ <\D?5E[)-:\%W=9>WB+0.FC#W ML(0*.OT96D6255ECT!W'S&(!%.5T8DBB3*-DWLNR=NU3G]C!:F2#47\&L5_MB$*UP(NWZ>PE%_U8%BXT"FZV!I(N.5E;D5HZ71SA?>;8I;U-NZPY\,?5/=O, M34I/!K60;% <68;Q[/)[..2?A0#CLV^/X<;>/W_'&E+:C=T2,M?PK/N:@K.7V M?SLNG0#!E4..[%*0[]J*/?IZ?9L^/AUF:*N+TX>W%ZK[3'R84-_X/BA3>M>% MY:)24_C9?B._8DA?"$, [P3AHPT+87;-,&A0&%D;55U6Y81*H/6T M^6T<075 TB=UNW7,=+0?LB;2_GKM>'1&5'1^]H?/@Q=-]+$.EE\ ^"-%/;; 5DBO(&Q!;JQ2U311)Q\@?:QV.&5A1$E9ZBEME]NX.OJ7H"<]F?>'SQ*[F':(C_]) M5G2^15?;!WD((#HW++X>7&W6SNGBQ?FD'0)N("YV)%'#+X>\O@YY$5N]B!.LW3[M?*=]>O*+B/5WG%(/-M2_;U-.E/0"*5X^38@,R$@Y7R.]5>#*O. ML5@*7?1Y"&G>HXD< ERGP28WBP\!PJ&$389,2(F5P?LLSXBZJA>A+[P2E@W\ M?#_Z%G,H1X#/T=1:46W3FW7;&EL*]ULZ<@2USB TND8M1%,XC&Y1\'\";8_ M66OADA1X[\4Y2+A-^2LP^DM,V[K:2UGEML1^_"88N1,7S"D;?==P$]4C7%< M&N80P$]H=VKMZF[\?,L?7;'JF#QFGB%9+"|\QSRF1\8.(.13CF9C\,0N,KAT M2>>F\#Z#(7$MB)32Z\]*3Q_7YLO(!TW &[[*I^>]T>&]N76=:^^X*6O$0<&O4 M$S$WR^#2Q#9DW[L%%$N#.]AYK]2H]R>SA+^PYKBKVVG/H%62&V:YOD$##B>U] M/@*&VGP;LLH3&]VOQX'>|*#@2&\;]&:[U-W]3%.AB=]Y7"\W*A/X:]_H)9K* M!@?]DRY:0\%2D8!6XPQ(@';2O?,K7_7'S*^O;=H&DV.&3C=+:!7V1^%)>2B,;UE M'\;1>L9CU892]Q/DNIP]0]-]$_\S06QVI%E1#/E3+G5%HW@[ ]YQK9573+9F<-QCG M_=]=$R_X! L,N\ . %!*&)R_J4X_08UIV2A%?@*E/\$<4VEF=H1A<.CR9RT! M:+N=B/!;-Q=K&\#+\6NGP#G4R[#9/9^V9M4>[?F%D5_]P?6FO%']38O#X;& \MKSHTV/_PY&]Q>5N5*GYU&OBUB<[U:43V'@(6])W3+I/&D^K^\-Y0$]A_&6+> M5]+,8163\;"#-0%D0LC;Y$IFK[_B4O&\_R/_^6NGV[J MU):7,-$:DC!@ ?8 D^[Y;#*=4DP? S I/1R=&'2,6*T9>G\1^']@6P+!*^N!0 M+7SK/=Y_*YKA0.S2SS"X]*F1L6FXXN=U2\'NBO8#)Q[S+,&/Z)8B%>%1ZK5+X!O5 M0\)?S%S53-4#;80#!4_6^Y&0*)VF6?)'^^L\X,Y"P&I@AQ7^NJ!1XEMO8M[:& M#]>[[/#EJ[H*<4NG/]N_E5M_[?X:)P;P8'J"9M"BX-EY[0]+O)TPV:$4/ ME78^0W5RJTYK^[M[]9T<\,0^=X=-@1!*]-QUMU"LCVZ!*^Z&4ZD=X6&E:Z2 MA](*IB[FT]&]<>*\HGZ\>UE/$^TVKI32&)3/5%VH&Q_W:8Y(M?&>[FSN@-Q MOQN-VS3]:I.O1!6&QXE_MX6\U^GU_G:%/0SCP+S2GG:=Q)&\[6E^B6H\#,^ MWCGLZ5PG5(8B&U=0CM !*S&6+7#$##_#)/;A>D>/D M&7N^Y^75<-2S*%)_XT81(S#1-K+7=8PO,.W/3S_5 M,KDG0LWU_55B"![E=#85L. ;GG]0T\,K6(Z.?D"^4$65HPE\,;>9K>@D5]%5H%8YVR6+G%W9FX5E-O<^W@A0BP6[R_!9 M6(*WZ%U0P[5#@ 1L&,Z_"V$-+@R1E461M!&>IS?.*$\.3-,NF MEY]G=<\! +L"ZT>WS69 N%2H/G?Y"2AGS\<'EU9O_>I9FE.EBW"0=6Z_9I- MB9&MD^7P:2[8,SOI&/XFTS>- MAW^U[B:\B<.,O>KR4OT=-I)ZE6*=N2^]3$B M>NY1L"3N O 2.8ZH-]$X_O)TC++:K*X4#%TB@DY!D1R(Z'<8>V]SGYG${0!@\ M+0U/S<'I.00K\K\4>C'\+BN$/2OX;ZC3.9$%%JKVU(.>VH9R]/?5U$. "$.6 MIE3ADPW60I%4,_^,SGR1"3[F*S;R[U*\W0!L2^GK:].{U\&O3/;!HEQC2, M60:%E_I#Y>,$_UYBMTMV"E,\1O;-?\' M7@US'&0&C,%)94H,#LD]K%Q+8B'4=/+]J8?3YXV77]=8N,I91]S^ M74(HH4K&/B<[DG88$SI-OQR>!9/UGG1? LFGTPCB,'PS9'EA4\Z1E$Q.06"KR M]<-Y1;OJH^\NT===O9>W:>_2@QGOM@M+&';/X,=)=A2A#^P,%&^LF9G'T1 U&C/Z,T07Q]AV##* M'-0"VJ3]#KX7FEP7\RJ(_ +.EC;O[N?6N)50D<"Z2741\.9$S#9>#8:F\# M8D,*3((G;O_NU_(?RL,NRI80EQ?/SK(} M?3]K\6!5 D5#9;-_4"[";A'E?]Z&7L_E M/?.!X&._.\.?R4S6)K[GG?E='Z7\NNRH[XA,95ZO-$/S2ZC-A989 ^H3;FI0 M^*VPIT&!;1W9YI&#/;G6EWJ=.=EDCOFPX)%-"((7#K0PA%N"R1%W$\==VIA% M&ZK&Y/3GSMN>W(6D MHEM4!UL>P.9W#&?>.D,V$*A__IL.&9^BY(T@'DG:DS M=>6C#0YEU .4,)${HM-[!7#?]XC0]M+WZ'(-R6M^R;H)8ZXE>_)BJDM1VE'; MQ_FJZ? RS>8/Y@UG204=>'>]Q,@58]).0.!]""BF?9I)0SAWA M*,0TVIO%7HZ*O7%U67LVF(Q<:VH,\X'[[M-NA%Q@=#2=MAB]KVAF^X%7SEF\6%Z1+4RU" *F1V$M!) !QL5H M ?0F>*!GX=/1..(O3//5#;>%1.CG4V'9S;<>WN4+Q;JH)KJG^?H8C5$#85\. M 4UB_0Y&=;\/7@.?30*]*O6M# MWZRWE:8\'(T*C.%R9/M<]B; *=55MI_B/6W# DW/1\6QX++]#+6!1+NK^1>:A=^WZ++S'<%>';(97T^RG MKO/&/WNY*+/!PQH5!G1A[-PY?3^1\V -K0\)=YPS=B? &9"#O/WHNWJZ.+3G_M:,/C67XM;T.77^MR$V)M$/JA,8TMC_]"NMN;Y6=DHV?:.2PJZ)RL,I*=<>& M#P1C\AQEFWIOG2%%$N40<==RSL]:!:-\"X+;O8K ME_7&;&RG[+X? $|*86I>_V(@,N9=27F:T9UKV^4UXC)OHG(1^I:2 M.R>R+[)?QPQ<'B3#;0PD%]XJ*A2Q>W[++6M;-NK.);Y?2; T7(SG ;. M?!.R;'APZ:K-H&.2K !E'VNVRD&9/>?E9M6IX/ ^TX[G=7G(/[AG>%>F0P. MN3Q+$YG[9#Q% G<(8)15Z3!)?3[R975|=293R0E5!D^?681'/BX@J[MZD+, MM2,AWWSFPGMA2O3G\)OA(HPQ!.32A,M]NX:4,W XQA;ZKP[ZRT/&9+I.3EMCP./EI=WN187DJXX+?8\4,P1ONYR.0('"< U3\HVOZ'UFD M\(5QZG;V'UR,>'E'IBJE@10S<'M=5GR&X+D)9O6T/&*]n"<,GX 9L'?CI,&(:4E :]7 M1: L)""!"9Z/GNWJIB3AJ"]ATK'&-NW=DZY,"C-N52X\0/^%Z M+G#5^SBQ H$/Y]D R\)Q&+\9?.CNMN3"S,8C3EV[4Z76&8/)[11]L +"%S TU-MO16&#@0M9N&->]K? EWJ}5!5L# >8OTL]&R2=^W%FCZU1YB[B%&+Z)FT!VAY(MT80&].R.;,24]MH;M2[]+TZ!]1KJ?D'_2WS-90, O$W,I[&@LS8$4?H53)K=(M4J+X@ZVG;+G1K_(.%7!1KD*W0[6%720-G_I=M\!]3Q%=1<3Q\.Z>.T/P\_M>*K#)4:#%4SN*W&VZOLO @FM@2OTC86[4'] MQYQ;.0G8U1? 8*?;FAV8,VL?;$STODRI:B<_!JE;Y=T<=1 ,;16T/ZG(*MS)/ M(*X/]PYR.MDZV{(]*%SXEWY%*.??Y"];@!9/]OU;.P;'>KN%=._ *3ST M[%"5^21B&5"P@Z_;9M'@\3_PSIS6#X]]HRL@ M: &Y3_;EN#UF3*\V$H8&M]DHGN0RBH!TIW'NM@'5AW]EW=1>?&7+.L=??Y% M;3]NMU1-#P"2OD)6D"UPC NEER@VA.+=Z5K_$R^]QNV_VW',@YVF?!F2 F42 M<;8=^]LN;2QH3L4K<,BC?CA0 M-!BC2*(+Y"BE&2=;9SS0?1K$0UG$&*\OX;(KA)2G(4M6] P2B/+4_%>LU2Q MN^/UD,!#0*XIB"!!?&Y-VDZK,^26T7? ^+1+ZQ^1LE/7/;]+2@F TGO/4)%KP M6=)"2'N;>Z0S9%P')8MZBF*&(R#3H$;_]V?N6;Q5CW]5O.8N?_Y&L*5$S?46 MLRTNB0.OD,EM&_MWE"8)L5:1K<.EQWZ2>)- EC$_Y.QB4F"2CW73"T*,C;/^2MCP[[_#,]]8\3N M:/FW#IF/_$]O]]Z!LGR$:1#B)=S,>WRX\#(=<792\^-OO>SW90GYE5M;.RXV MD9A:P)TO.SXT$?#0110] QI%1W[/YYD1NEISSB{(:LFS.;>'X+O9^LVGV3@7 M'HQ89%U[5D+R_S.'DJ!)-G5!;C#=R7S_(6!A:M"OSJ;C*VX[\3Q -8/%S17#:7R MTB D_FG- %@+WF0GS[@MKUGV+=K^\NFVOV5ST.1%R"&A3)5RB7@DI M_]-5W=G,))&/BPK$>9ZX;(N9)A\3B?;0O<3KLLL$1S]&Y_ ?6'"%DS"4,%=]BGI;.QC0 ME+!R B!@7(RZAJ>_F?@![J89L1F"1^?ZB&LQ3C*FVE!A#2*]7D*]S820^R[6 M9MR#W,]-MN -=*G]7&A=3>]&CDO\Aj/7KD:D.M\#LMDYPG<4G"+ $2!?L YV-HTRPH<5%B M@XXR-GA' 9^E^#H%VP>,3SS@("@.81#(P7*ZZH.SF\@GV-0]T1&9 F^U;@6E M&U):9;@'N"7[#@8S]&R4^XZSB/I'WXFOO";-/LC.#**RHX3[U55Y=NY10=3-5!A MROW*(.VGP:BCQ.5 MNC8T15GC*[^I_O-$Q-KYV2D[^=&'<8'V'=*1$U-00 MU: "DNYQ/MZ%^=A@=5T$=D+>"7XEG'<-G[QAM >/\.)YFQ!169G)<$;\YQO> MB$-52KW6?]76< 8&F , 2H4^>7 F1KF(M9.,?$4*4O?OS. M'9FPH"2(";Z/.$U+'CBV_ZA^1T]7G&-QE7B9_4L)68F2&%V /014<3=HFZ'& MR1^@G\H;IYD'Of.!B1>,_C3P_(T-F^XQ[PW)Y?M'A6+6S);O\M,G %TO5Q M<7^C_GF52!:5B^,13^^+]IW;W984F;US[/H3#%@^]^M62"7_T7R$\SCWH#T< M'K>AOA;.12D!F;>$Q.(),RR^#F MQH9R>.. +X#B%:=`C?\8X7- L_;ZR*,9[4$HP!+0.QD49K2PD=.A4]7AO?]G#(_^3F=W1$*3)5RB7@DI M_5:W=G,))&/BPK$>9ZX;(N9)A\3B?;0O<3KLLL$1S]&Y_ ?6'"%DS"4,%=]BGI;.QC0 ME+!R B!@7(RZAJ>_F? @![J89L1F"1^?ZB&LQ3C*FVE!A#2*]7D*]S820^R[6 M9MR#W,]-MN -=*G]7&A=3>]&CDO\Aj/7KD:D.M\#LMDYPG<4G"+ $2!?L YV-HTRPH<5%B M@XXR-GA' 9^E^#H%VP>,3SS@("@.81#(P7*ZZH.SF\@GV-0]T1&9 F^U;@6E M&U):9;@'N"7[#@8S]&R4^XZSB/I'WXFOO";-/LC.#**RHX3[U55Y=NY10=3-5!A MROW*(.VGP:BCQ.5 MNC8T15GC*[^I_O-$Q-KYV2D[^=&'<8'V'=*1$U-00 MU: "DNYQ/MZ%^=A@=5T$=D+>"7XEG'<-G[QAM >/\.)YFQ!169G)<$;\YQO> MB$-52KW6?]76< 8&F , 2H4^>7 F1KF(M9.,?$4*4O?OS. M'9FPH"2(";Z/.$U+'CBV_ZA^1T]7G&-QE7B9_4L)68F2&%V /014<3=HFZ'& MR1^@G\H;IYD'Of.!B1>,_C3P_(T-F^XQ[PW)Y?M'A6+6S);O\M,G %TO5Q M<7^C_GF52!:5B^,13^^+]IW;W984F;US[/H3#%@^]^M62"7_T7R$\SCWH#T< M'K>AOA;.12D!F;>$Q.(),RR^#F MQH9R>.. +X#B%:='C?\8X7- L_;ZR*,9[4$HP!+0.QD49K2PD=.A4]7AO?]G#(_^3F=W1$*3)5RB7@DI M_]-5W=G,))&/BPK$>9ZX;(N9)A\3B?;0O<3KLLL$1S]&Y_ ?6'"%DS"4,%=]BGI;.QC0 ME+!R B!@7(RZAJ>_F?@

$<+0EEL"E.2IDN$%>+"><=;?KIO*EAQ97%CHZ>"[O*_*>516P$1]-M]DH3'/T0#GA00PJ$>-DG[0") :6C9"0YLD/70EI:$ 5BLW(EQ@H(N+LZOTKV'"D] M(|L.E,X*LVHG^#X$=@#GRM9FQW4SCZ(80:9!82+_6*W_$PHJ,_VN'3^@$+> M!Z\;*L?QSJQQ079W >]ZY \!9W_^R_QMVAB]8EM3"XU]ZR/N.2"H5#]YO]<; MA+H]\[CKM)PC.>4%G,*W0=?]FYX[T=YS"!'E&5+R<>B%-%S)H]*9Q.L.P=>R MX,6*1WW?W0'=TTL;S@/AYA=O T .L'E0VVS*(< -/#IP?NGUS19%4_Z9FW5NF MO=#WP[O%[R,]@OD_Y"+L^4_GBC<,Z3 =+\,,]D%23OD$"$E$SE4(3OL?X2_U MVGH<*;2]8MP18'>%L;Q&*_ZRK"F(HEKT)8VYO?90>PH5?[81V2\9LK@0Y,%] M3L7TJO\QG;4R4)&3&DK'_5N8)/HT6!VJ05P=1)^R?*1O)&RM4]W(E](H.G3GX(!RTLA]V:2*V[IS-4O#F;X M_Q:IOC1>SC:"'1HVR]5SX\7|9*)#8V98.QVDV ,3HER!ZC>,O/9_06EM^95U M*]1"TF'JAHDTMG#O$711F%]W@FG1XG=X?6V?X-T2 SI#"!QGIT/]VO/M=F9P M.?W.>@CR5+%Q&N#>['HM +1'E6!\|##>?$)DW!> {{MS.OA,C9QH]Z\.9J[\# M L\BSP879N_T-TL+/=A5_K2GI%$5%IYR<,8fZO6O MV8LZB0PID>1O@Z)6':G82,O P=7E^G=1$>L6!*8^? M1.,4@P[<9_QI++>\[M0,W=;%VEYC;PW3!Z0E^",,/"-!-]Z)GAOO3]:W_8SOP"POU777L=O^8&5Z[#\T=NWJNIVDVFM+@JK.8?7[T]Z#C*_!7 M\$80ZV\NR+P;^2T]&>H#CR++..Q4.P3B{2NZ[\S6.- -WCW/QZS=42(.NGFL?O M4;^M-2P=)-A DQ7J1?-'N9]=QHRZ><=K2$;W7W0).8!3\\MO5 M"O@C'6"5GRU%6I9-9VVFZFY17.N=&9E13CRF(&Z+=Q*YS-<#X,"Y_E-;QQK8 MB$*]3/$B(OL9ZI_-#>/PO&[GFD.RXL4<)8J_-;%S0+5BC%A"7|VQ8657F+O\ MF5Z]CT$B#$FD0+C!&ZJS8#RMX&/649IN)"?F=8"%WSCY,/?'8&SJ19#S+Z" M_LX#PKY"LAX"<&PD8-G#?YA2C-=4L=GL&HW78O6B3'YA8%X]P:=4T MFG6?"MNE_A3<&-E038Q5DG!7]%<;L8BXI4BJ!#Y!@L. =+,,!M1L]0175V M_/ZSS E_>|=B2,/_P67K']-=*]JU\[\K1;M?8([,DPVYXXF>-R9_IR"(W%?* M2\[-*.<;?'^$A[Y-+9VY$,MN'W@+__]6-;MUU$ 3!,Y!1&&PHGA#*Z+)(_P M- ^_$I@A22:G/]- V,WE4S7"@/%^P_Q&F8^>#!%:HL+S&;6GU+7)3-9AJLK[# MQ(8%#>DHK9!SDZLW+T&09*!^2:,]28U-N]_*&T-RT'>.N[1#)"F>P=O'R[N M@*/K^8@L+!H^E)Q:D'^?> <1.]TW DEAA#Z0 WN%?(@;!O)73TH6&DIGQ1%$U]5$$+$%$G 2ZN@? M_OT7F/.=9$&11%00)?>)S5O9[\7) '4@"#?CE3;6JN"$*OJWF8T"?10OTW M"+M'$Q3U$L.G5D$0AAUW&/(/K'9+%E2R>+8\Z#6+#TSYV:ZI63>TJSAJ6M^= M_8(F.J)S??$_-MMQFC>^XPF2WXO$R"JOKGQ#?09PR2!>#][(H[YKJ'YQ1,K> MUH!Z)33T>N[*@0"5M51AKOQ*<:[*OV_LCSH15Y-W=GG[?BK29@:?Y>DU>[-MVY[<+":UU,>8IS@!W!*G84SK4'_R!*X%HJFVM;WW'07[>\KZ1IDA;*OZCF5 MR(O=9KT]R&XK86$%NQJKC84/,+F$ZI =[38):3]-$R ^Q\2$AU['>:84K+B? M>[M\A)UKWD0VFL*6WD4+6&:\N&@ITUUA8W?F ^TZ5U[32SEY^X)1B&HJ9!10+D:PE:? >!^&G:7VK\OM!D[DTN M8(Q?.R(VDP Y P]&S,_[(:TV"4@,3*OEA+ERS51KEM/3;<>'#WY; M[\=/)4@ >0!;+ ""DK:!0=*0[%S@TY=Q#W^D8IT!CLRY[8]ARE]N)YO0OBO9$C MY*VH L4;-7\"!F!-GRU!K(QI=".PWR$<;P"7A@=K!ANN2GN(A(*LIC@)QIFB2T#@W@@ NO>O!MZY".6]ONL:[OVGTUL:O24@UUSXU1=EA7T.1HW7M- X336Q!23\ER)UU"SZ4#-U[%&FT]BOT)T&SLT?I[\NOGP_/,)/> Y M0.TAX*@*_0E#Q8%DW(L&,8"8F!>Q2(P1:=%K;IT4UZ[6:+MC8VIU_-ADB(_M M4:HW4;QKO@- ;N$_NI;\UL'"*DAG2VICIKH%G#6N8X*B@O)?BA;>.I;T&[2X# MM71;?C1L% FSK$&:'#?K<./SVCBHM]AG/]/WB@[<+VPRE MU?RP?E\+ ^JEW_N>EFO^OEP\W;,F'Z$ - SY5\@Q1-B2 ;X'PRB#KOBBY^Y+\9 MJ<*%^O-=*4LR/RG1[*2*TO>MX23[] M/^?:EAKHY<)/[+74C#)T2Q?[CS5FA<@"[KU+ZSDOY8XV)2H]8*MV9Z/-7\ M8NWB+P^^6L[$C9%OD04G?K3+/P"DLHG(\9\"S'YK5T;]01;$R-R4%#@>.+^R M.G5=[]>83+"(3UU=1%-R,?1/& 1OU*%1-L/4#7Z"(/WIT_S M(: /";0 ,0\^/:DY]6U_!_^QH^A15P$*DK'\N)L]PN3(^X5_T&? M$Y!4Z:<4J7XD[QU@AH=F*1WIT&FDO_KJA4.LQ(90:>K/,"'/&Z_O)C/ MM4K59XS^[48RA\8WTJO@0>^C) [=V>YYC4${[M+8V/Z7^<8'A#,6 0)<;?H$8 M(\ ^^NP_,8?_;Z5N3?*>G@GQ?.'[KNVQY,GKCUF5TJVYWIKSGY)+NG31$E2" M;!&C"6'6C'L@&39KXYNM\- N!>N_MC%/K;]U'YV2]K@O*%/;<_]A=8 * L$0I MT5]#0K5S5Z0@? ;P9#=O(=+1M7C$1=+94HD/HU?G%7$\WI*9WRT<_XTGZ>7Q2=1>)G5K(A%,.+*U1L]]O M'>D'QO\W2L$L@&{(%,M73I"!5[MS+Z-N)SB7H"K__\5;P:>"B8C<4 M?0A@B^LDU3)=8'U0A?*DMH:!E[9G4;1G5O^)(^H\2V\'UIHSR;Z@4VB]{4=R-_M#>4S!,E,NM[4CXI? CFVEWY<6K@X+=K5M]F:?MU36,S$Q]|OG\N\'ZS_KS2& M/\@(?'SBC]:8Y7;/;OV+;06?-E8G>8P.?O)I&%*[;l)!J+XF!ZY M!\Kl-[/_1%MRSE.B%7%TA1- YXUOI2&3C1\&Q:H'F>M_M7?FT5" ;O__%%FS M9U[&E&8AC%S)DBR3,DGV-)5D;[*%3#-;[#NA^!8AE!G;H&@&PQ!EWQ5[_SS^^/YYS?>9YSGOYX_? $YY_[GMJ;.\E'#GR;-MK5FOI1 $T7T0 6QS8.E5'[1*IM7#4-[(UOC$MVO"UH;EAF_?VW>IFP%)3F4# M_[X-4G0WDCI/-DG$>"%!%=LB3_(9L>]KK4Q57.. (AM%3!0GMO;3!TZ<>#_M] M[<"9+40[R%1AAT_^>PO^X0]_^,/_E+++.S=J&[(IE"N/N-(^*=9H.EBP*<4; M 9SWL_%*^UFR$743#WKMJ=7'OY[6^<@"$K? 8!Y5"%#7KN'[^"S/[SR6EK*A< MXLRGV^V/+0N/[2 (?:=[K)+K%<,%MQX$[<GA7CRF?@E++F[=DBS =;TH MG;1I>Vaq,6K/G2X2NX>@Y+=*&.NN$Y//@,XJ7=8- "^OWJ==4^]AX5^[V 4% S^#F M70/5B^A@$,+DF9C'R*!4<%4#=.X2,&?^#K:B[T:)MZ$.KL?5ZG9:VTJ@*MK# MNKVVN\FAI? U">YE,%+K0#G$*W0$1PQN@+E330AM(^\6GU=Q7!OV]%M:#Q9#@Z+MGQHA@:2Q'/]]?Q0JPS\@DW9FN4R\'$_G39R4Z]=\/YE! M]O ,4 A4N.',(4AVM4H_HM?SV!02,H# (^]"Y-K!W@2G/CXl8N\L"CHXUBH^ M%(=PI$ZIV A!"T(:L]6(=8^7Z/UTC*L ?D<8!,,Q@*>_,((+SGY88I\1]-G M)!9+#UH77^H.`)_!^2* (5,8*&,2MR:31L+]&$!'6IN5H3W@S@;$_Z9BP&1 M7BH6V1)=+>16/^Z/U>?;K^>K@U!X2=9VZ/UP6I<,HQ(OMEZY*&$H MQW:?Y5C=LZG5FMZ;\18LH#D+HACEJK<;]/Z"; O;,A)40]:B;&C2VPZ)#C1$ MG YQ8L9L> ^W:3YLW]"KHR1(8]TV.^2BX9 G[%/AIS]!WMKXSCBY)0;+1 MY+>"7A_WCM6%E*8C^Q4B>=?2* [&/58)LB;,P&H1C;A=705Z41O,!_#/?@<(H@=RT"/SO"-HN71GPDB1F?(OW++=?5G V0\I MHUS&I'7!A@$*J@;K$ JEU"];.*@'WX/1V &B.?+?D&O+R2FYOX[N. MG^.6BCV'+V7+/+D=G/32H!.Q'_CX&8QW9N*)::FL N<>)B>P/$HVIHL9+PX M1DB==)U;0_7RKP7H&[M>@?.,<% 1O@:,T^"EGR& -I0SEF/$:\[&=6.CEQ&: M,6IFMZS'K]>G&'V[!?5IE2^93C-EG/5T)'WC>YR>WO^[GZVL4GE>CZ1Q&'4(M#"X'ISIVDKT*E\MX=WVE7%ZD"!_/@0;7"@)=LI\ 86.N?LP=[&33]I.$#02H M1K6!83C,@U8.?:^T^63X2A+QU_I1*^_"'7TCME9%ME_U";N(0,&%N5 FVI_ M>8*]W(Z)'9,#P,?D9Q[OFQHF5Y!&MAWF;S]M*NMW?B8_G);&:!,_ W"+]B(+ M0[PN#O2@;A(O[_NW<GQ_?@CJY*TF92JE?3?:*$,KZX:4/,^$[CX[VV]"RJ9- M.Z2>O]MD_{DS\-.OLN:+^0H@N:<)*KKE!V;ZUWC^9+;N%:.GF$?9C^\@ ^[(.!3 MB)=B%)C,%>8@:OO6,.+$62&?WU<1_ 4#"'+OF8;$3"+M3#[)1;J9 OW,Q(X3U M'V7]V%4]'83A9 -^&Y.9%$*\]?OX[EW]Y%M D*<^=]T2:TNF/VF+:<%2Z^IF MKB\1})Y_B^MB2SK!B04FDA^&M,L1$Q-9"'_EL!EWO=@Q$CGM[:R?PS9M)? M#:/=AKKW9!](<3&5H6T*,HI-D&KFYON)];=O+BR&0MW(VGXRZ)G$P+TB MK3Z[./S' ^?^UC7H1'^W" @WMT-"G"S$W40EB6W$V4KQF0")HJ2+15P[VYID(>]E^,.7GPYH5R#W>W.V1R93-> 8I2+]5>?$%+@&G+G)N MEKL_YF0!H#;)&%"Y;W5CCG'SC+TMZ%*LLQ 4\69[62ECLEO*N>"N91(^AZ;* MDL.E!%%3!S:_.U%V C"W!?]H(K!%B,\V$=QH/E%Z/%9SL<%##-23MTJ(=':5I M]0\3TV>:.NH\?\+B.QI>&9Y[_,+CEQ^MN?_&#N6C'BU45|5-'?U0F<=U8M4"Q M@+>>8UM,8+S6/R^)#!).#*L^\ON%R*3/JF.6_@TZBLWX%'#G013< S>?RGTBY M+ <]P4TLRR9$P3<^+Z@-'3PG]+2G!UVL)5X55?O@_<9D@N8\,9SS[O<_,OW/O9]US/IKW<7WF^P?-MJNJJNKJKNK5:U$'J1,SRG3DZ8 '>TZ17<*_*@C@#% OV_? SQ_M8J#]&%D8 M&1D8&-F8F9E8.-@X.-C9V-DYN?AX.+EXN=C9>?;S\/(+"_H*AH- R,K(R.K "<[I\#_\45M -A9Z,>9@NGI(%]O'3TO'34%@_"_M -2,=/]V ?]^T>VCRP=7*^Z77/W\+SN2^/LU[D%KW,+R@L>O6VO**R[OK=^Y]FY\;6MO:/'9^Z>WK[^@<& MAX8G\5/3,[-S\PN+Q/6-S:WM'^#.[D^]Z !ZNK]=_ZE>O#2]!G$PT#,P_]2+ M:E_@SQMX&1@/]3#Q&5DSN\SFEU0-9Q$XGH3UL@H7:.('CE3A?;?FGU21GB M3]7^3;-_3+&(_T^;_4_%_E^!A@$.>CI:Y[*S C" ?/Y%O!SP!W_P!_]U*+RY-MIK0)<@R<;_=F(UQ]W%38><;2=@"*(\<5HMR"C2_LZ:.O;F#[=D;.?!T?*]+_L4CSB0P.FV *0^8%-_]"CH/FN0<8DCWH M- V*3]5$R42;9.]*9IZX_*FY[<_#],*2W1F)&)(?)%3/^Y5HAC!&BI@3S"M_M=9@>'-/*K(YCEQQUO&1:X/K&GN?U\WU:B8 M>OBN8^&:M\N[].IF5<78\5>F M1]3"?0X*A,!M6? +]&$#O-7&$.526>*TH;\Q3B;.KICK)/6UF-NULZV?T[68 M[AZW.16(_(IF_>]ON#!QWB-S'Z_9Z<#WN3N>WW)48^:%'W+/,\6>!QNVPX M/$T5'K1$82O;.QF$:.:Z"]TE8!NYV34Y DZL9$LNIZ]9W9?.H!M1L-70BM[9* M?+/FFE-8@{)F[R:Y-NT>+,ZMNY+IN (5SC:AOWG@;9HI<'#[.7?'YQ7G/0K. MU[W30=ZS3TX2W)M1G"IQZL4K#O3%3DWV5Y^VWRR95?OX[OB|[>=$Y?$K>5K+ MDO)MKU[E7#3=5]A WXU5QDZ\0KU%AR/WDV#=]L3)6:4Y$=E?: M5OSR-7M!? CH9,T-CB7/&*C?NL^SE;EN &44D./D)4CP(Z^^]6U^0U_(C+8I]-M]LOCI.F&B9M7E<+)BP#I(3F15E^/JA*& MM,S/(]&[E^VV_1FZ[^!5E2 ,00,QG<>,)G$B(..M]!K])0BW+-76FC_]T_F M39\;>:>8I6:/A/=F'!P8K]Q9H=V?!=Z=?+(VM&=*S/CZK%\2,]6H:*W%M(3>TV\X80K^^Q%(]T*1'4, ?+C_X!-D\66=*O&K3INGP M<2(2M&W&$4XD[3\ 9249]67*\(\%12DYGUDN&\+* V0&,.FE$09A0(0^\?NP@E' 4!QL*V8]Z>:RPP] MBB(8EYRR1QPA^EC!%B7J>@K@/_*2)QTWX[PV];9DXTL0W(3TMNQ#]6X6ELJF MM;7WRQH.'0IH[YV")"$$]0"#"6&T"L4*E?+ZRFOGI_5.L=N89.JBQ0-%>T">_M :^H J;W3!",>90N2+558UV-4 *2TXAXL$FSO7C04?C]8S/1+ O;(YW_MC_]NKB-1+|7/,L_X)"$Y*7UHPEDLGT=(8,O.7?0.36LW>FI,WLWM3E!|'-FO'-M/9O.I'X9L<;2\&Y3>FY3M(4* <&WY,"[RELH(4Z5+S?;XQE85PL$Z%)&E2 M)=F:$;Y#K]BP?L?7^;$)@/2Q0_;!JWXTOVM+P6/">,":7<%A#0/-?E-^5XB: M1D4*KVSZ>M32=UOA8DHGI&*-)*#<5B.XUN; (CH]B5>3WN*4X[]6!]Y=O2:L8 MVD][VIMJ?3E>>]:KSVKQI0!=QB2>-HFU"WMM+;(>0M@?.XL7TU4=T"K-<5Z= M_+9PI,*!W5.N6SFVLH(+#\ [2F0C\P1_\P1_]W\4E7")2)LAX4IBWLIX7M9N2/]X@U MW(TU7,2A$\)6DU9Y588DB^U+W+GXKIVKK+M-EM_O)3Q+D&8B#P[#3A(++D6]VISUH?" .Q? AA>AWPMJ[SQ5K](G38'3:FGD(_],TA92C^$:94* M3#@Q&5RB'Z[L1REM$XN>'WZ3A%40[?NBL2Z>L[^\79)]M6I(.^M@I6Q.-&<2(MD Q(]%D).$=BZTH!7X';PFQAJ-CP, (,S<7@Y&M#EWN-[7\V^G@,LF4#'4MQ)DLX]W_6M9Y(ZR0FOC-(K MW(6ACH,09A/G4, ^VR%]V(E\-(^^$S%FZG!U(83=P5GS6<&"KG|CHN(C>_W8 M#N;/$=*IT/G1Y1W90]77D:.0_L?[\0@00>FS!]5W!'(6YTQF<:55^M3D]2?_35\K\6+HEDY*<7-*G)C&TN<9RD M;)0!,.UG[=MP3&A]LXA7&,]--O<]0/V#16(RQR5- //G51F]35*8E;K/34B% M/TR/HK:9',%7*1_L7BH(>.V!XH3Y!)0V7/C>G!SQR)2S=C6>3??I+TE+X? M8>B4F_3!$'8>(4LLF%Q+]61Z0VA/)GA]6:D-:K27SN.F;,LLK5-$YV> (2]3 M!F $"S@C20LT*0:IP*3@;&4.F-Y4-7?!RU;YR^U=-(^(F6D;.'/1YKZ@MC1O M^'W;!2H RL)6N%%[HLBOQ;%I>.A'UIU-5JRH.6W<$A/*;:N3^,O7P1U& S" MNL.@Z%^=EI7 !UL:\TN>+ZHK^*\"2CYT9^[%#;B;U66*?>1[*&1Q(%&-&S M1)D2-S-'X3Q/!9)L!^ -I02.4AD#<[HDM,-298A^5&YQX[)=\?UN\<4Q M-#RY}>;&? 4X'_2&=-!;A/=5.!^6QGU$0?#.Q#(JR=![:O">V@A"CN*>27\12? M1L@_1&;Y[U0N_W^(!4SYX85LV.H*^EQ=[))?3PUEO$CLD\Y>+ M+TT%W(9[#DRN-; [M*&2S4($W,RF4!5+(2=OPQY-%+C.")QWF/F3BY;](R5]/ M-YH(V,;?_8<*5P V84CG"_AWPX <_0QC&2%E&\_"'"B)-_UVS7&W@HG^K-762E1!4I]<[22HP-MM#2+ Q6%&KCI/;',F[BXK&OIKL_!^A&[B$\6Q08,M2L[M0\ZOFQ;P'3]:+B/WU9EMS[R)/$>^CSQJ M?.O)%)S;Z33SGC7I)BQ2#A85A"7Q<;?9U$N2[RMN/GIYWG>2?&7[DT?YAO(C M_.09 Y9'$[M%FQ@+6I_%!PWW-.#*,"I?$HH%X6=[VC)\1.6OIDWV*\WU]M'B_7 MZC]Y8@A1037JD2RAZ321OH#5A>8[3@>?UDW:QRITY#ZD L>OP9*NHQKY_-IE M@()38^:2<;7ZYDI#>QG)_8>|/?H%Y+5JVN2"1K.O5<+ P[G5N>P!CFBA8;_H M<56H^X;UROV)W1U7|>>1X^\PH*1RHE(!Z$M4:/*6<%Q2!'QHO+9M.62&]:PW+YY*/R[WX1Q_K*J[O#_[+P&4\Q4Q*LQ)%#7+M48&3XUCNXA_;RE:? N/0!;N)$Y- MQ7R1>Q&_JS8?\3?Z#Q,_2!F==*C!. ^U4X!0?]E8QX<=?BF9),&^[M#V^+:,;JZO&#Z%Y:.87KX]: MZ_-Q,T!NP]'FFC"65QXJAXMYQOBH#X&%L'+/ROK471*\D?? ^2SM914;S& M+MP$0%Y>A)>A5_3VW(-Z3#^07VA\A352.+OS^8_&O+3@2+YCNA5WZ]HAZYWZ M&VEJ1X,X5!4VTT\2;L;E@-">IDQ=MUIQL:=NZJ M_*GHQQ1#NRB=0UAKN><<:%80;D'SF9MH;H_,.)?_OA]A]7XC78$D! M!_,M)0'W!M>&"4-#*GT2T.6"6WD+KVO?.@?=":7.)RU5]%WR%787W)*O/(\Y/ M'0W6ZY'PEQ5GF6?:DRC0TD/S: X22W>[#+$ZR/#=8,.]1VE?A:.)UNR7IR_$D((5I-N4]I<(WCZDXM?]R-.&_&N@^ZKQ@3;2345YI=#C4@M[Y!9R@O3W1;$V%@2K M/HC^4\2MG2@!:[@I@O W^@&$..WF]Q.I>UQV5&#AN.VJ(%*<[)(*))%2. MAQ;849:]XC#-X7Y8\'-X\EXPQG! L51#B?]L><4';^@!?MP\YS-19OB0N2W] M^W-&) 4\+ I,_$^YEPTINXN-_>& ;<'Q.:EDK;\O;M_5YDA*;[419KB7=L=^_M^H[5OM$S[F+H 40H+7C)<:<"]T3;.I3C9JJ-1/MW0X=KNXYH!+7TAE9$S4;Q]G7FR28U-I\6NFFQ."(L-K8ZG, M^8:T W!I[//=$G)^MD;9/5^.##)GXY1S/UR$5,$:OAZFX#^M MX3OO'.H3GV1]=0W^4GWJ:#VS>]QR;CM;R!0X&T!7L0E0N1G*083D5K],FWZ M-=N90!*_\;8C&+AG%=2##ZUN$3L\=3'!W,+>FT'H[<@#3^E'.HV+W)8Y%WINX1#?,>'A\&2G,I(ZW9I\OJZ&+3[;O%C&_8@W1>9MMH7_M+@I+HPT9D<;(3ACW$PI;Y- Z%H"4\>4&*1HZKEV8_ML"9>,O/U5+46B M@'G"QT_&:KP]_8;,\P/A]!OH"!B?_{R?%1?I-(%,*=';N65?V9DNO?;4.]%< M*-@@8CJ[;ER9VR/%IZ{?<{D#B(LO% (D:#@6ED\ALN^H^C%T)BEHNW]EI?3 M<6EF-S0;6NUO!0)<)B$/27QKVQ%]]?J4K)<*8E>']4 +5*C.^3N^R=*U<<=> M>Q1.S7WP#KV7;==R&YEB27I.2" (L\5*B#1Y[+1++II?WRZ]EXXV]S]'96PH+F5U%*+/01R.)L= M5)BHW@N,1L@]1MKU*8WXF=OG:KU=/7A%XT2<;_]QVW<:NQ_?IX!6+@^[T\S4 *82,AKG#1RRV+8E:"1A]1D*/;;W(U.OSED77,_ER\ZP. MF1HMM[A[6T>Z9#]EVUR"@4>]VZS"D 8{)-B>.4(VQKBG%'0R-HTVOSK,PBE_M,].\=-]2F]Y*Z8H5G^KY=Q.2^!0 M.5U9V^G@%4/(!<1M8D9&S*6R-SJH#$:$IT]SMWKKZ!7?&TTW6S[B+39.=V(.M8V;]!08_DRZ#TB@<X1";!PFJMS+!BWL6*A 5W0=9MN>X(R94@9EM:+UE0[/ M])SMKQ7U=65YL$+N)7Z]FLVN_A34V5WO2V,A!58]DC2(9I/D!Z_ZRTEB):PS"?"R@B:V M?]78B]RG4M+4S&Y4+0L M*+O^D\.M79Y_1+XL\(&+):0TZ(.ODVIV2)L? E\1VWUSQ&SOY^(^#F+YBV:E3 M$:8#\D- :C(CTADA2[-B3TH?EMZ_5LR> &O!T'F$U.= ,GP1Y9WZJT^]!7%* MD3RLC=I2TAQS^[.Q459LZXIGD@NOFJY1+A? M:SO2J1#;Q5^S.UE7% Z3A,E!J M#T52-.E"Z!!MC8G.22((I:L,T7C,H+8G$1+OCP)6ZEK^%$,Y.?)Z$4Z#?81 MY=O;L!4T_H4(YRJN))\4Y$;...3CK^2,| &3 !ZMG,%*W14@&$)C'F!N-.+5&%^RU:O)!C M*X\+1WK\YX&&49/SYM5=G5;?KY^-918]38JT-(8^R)<)**^4XS>RE M,UT4'<29]DT M@0H8$]RCEBG..1[;^.%AQ9G8#L555-Q0@IH6P)6[^=- 'K/_BOQ!W(WVUQ MP=_!_K{D8A})?\OLBSOD(-3%1,"V"ZW_-VI_'#-VNC1(BM*<"=L]F[$7!8_!*

*M_GV)PC/$K4WWGFF:)5&,.3?(,=_M=) \!MV_!UZ,;!X8BWZC|O""Z|{Y]T<9R4GN'6 MW^?F]++%;@N;*$$?+.BF')R',R$4?+1.OOM^KHB+ M+? INE90QWD)3S18-]-VQ/!1PSG=-U_OHDC\7FU9#Y.Q5W Q0L,5W9?&'1U' M/5+_//!:!|%Z]N0@7"OC/W7(@-K.B_ WZKD1(4N.*R)P7J;,\G6.,' MX=W?]51RZMJ@3_4MJ-M? 8O!+"K0GD7)GK746@DH|O:Y 4]<,N_[,-5L3";,^=E{,D*E+-;P90BOV0B MA0F8 X>U98\89G RX5U4!MI<;]=3Y!H+,$ZY:!= M8Y%$4/,>[ZSXY?*|(Z(G>7A4WDNDT,\''YRF-X0${?MQ5+76Q(V)@,H)&\!8 MW],LI-OOI5C MI3'7)+1,-^%8SU16_' G8"UUK"P|:; #\PT-GH41SG;NRE6#!:<8*I T,&^ [M//("I ~+-6 :&*=M"NO>\#7&F5O5H0?#!! (G4VCD5TB?@BI1*Q.T.9HP#L%GS MJP^L_#>:!#GY:)&[=5I^7"KA\AI#E3I&;,,VXOQ1E?*O7#E%;6$=%H"1H]'/<.?\K M>6!0U$2N.']OO3 I"-38,SN<<1L3Y-ZD=6QPJ;] X?V*"W]Y^5$QG8VKPMIT M_1)67]M'*8S$V7"B6L.#>QQ)^=?(DL/^ESQ9P^MJU0I%RW>+Z>]?F(A@D>'"%*

*MZR"'(&\2496X6'6E4SZQ(@_OO>A1S'OKI>!HI'\^.G0D5O4PM^N !-M..>6@-M;PXMBG;LA1',(%0 \IRJ9U=A@_JOBS%U5,#=*0(8LA/.2%(C;(_8/+D4 M;N#LN]@3ZVM9)ZT^L38PG:9+;Q"@6_CI'00WJ$"KS\C(A%GCLRNA4BTHGAMG MRN@/S+SIQF=2[!X=%$SO,+4;#+25V+-]U7CTE]A8'Q&B,!!$.P4FN++/?^ M+84Z]\)O9MWU-B M[F:H!P4)&)-D,:MFBZFQJQ.=KX(2?GP8R>8#3GC4;C8: MJ+8+T"W"&%$WK")Q%8>?#P>&(WS<7BU^AF3Y=> 5NY=N0J^4?8G])O3>LB%D M76&HF-A,87/;TP:]MDV(.\VH.!BK]P^+D)/81\MG>8FNU375Z^,Z+SC.]!Z(MAG]83];1V$V:6DOD >FW[_9#9<8=P]2I +=F^?9)U0_3ZUIYLCV^&59M8:I(M39I_886YQTU5>3=2%"N\3>U(@YN#W19J5_58D6O'916T-(*%ZZU-D$'IF8 M,&O#\#K.BXL0@*,]VQ*L;"IZOLP,_]JO)RW\0_Y1777I*+*>?SOMQ3F<=5 MM+8G(O5(E\M3VG:3*!BEDF?9&)(],L1FV%*7FG)U++;BT>]IS/)C7'N!&Q3 <)Y M]\&8R>TD@O)9\"$MF&D:#HRL-9Y\]()(:\ VYNWROM)SO^87ZTG!S7O;M$U MO=&9 B!Y&G,089@'-AI7OOK,)YC(W-HO+FKQ]-&A)XAJ?KK&(QS7N[6%A>7S M.#:;EA$D?83!S[VOOYI[]\M;=#E4+@V+5QY=^7$LZ9PI]I37I M,XB=C,*0!!2VL| D8@P^XX.7N'BW>]*.'KTTRP_"I[-;&>[1]MWP/'NU8Y7Jb=>BVY\)A$WFX#,>0U/K!QIO\Q7*Z*4R M33NB>.VB&T-BM+$1(4DBXL0@*;;>>[*43Q0A#(! M"$DU%*U3U&I<5OTEKTIL"3;1.PYJV.H\AM'97Y2U^P M%S06X(3SJ'@;""?*E0H(CW3>25UTEDI2MV"_,^B992-^D_E%D\R5T++!5.?HY M*U#V6U%@'A5H//(94@TL$IGT)BO;R%T,ZJ1X&4 WEX(.%34C+B@OD;)*/'Y24 M+1?4*9;9/9I"YA@(WJ-'"-7!0=E+4)'ZV.$Q\+-EG^SZ#&-_>X!T\G[H5Z', MG4T79RD;-47BJ,X%&#]%>-%L67>FP[B?!SFZL M\&'XCP#BDG;=MJQ0I^$FT-\;0>6O^)5N (*;3+-DK3["6*SU?>O>Q?^CZ(\ M_]$\L$$?D,Y^]\"-MH" [DZL%@G0+=33 6X-LA%5&!^B61$ M!2+K;--'BNT8#$ PXZVB4 M7'^;=S<=A3&BA4AZ]9*T2H\B+"9A|=79^N1LY&%8L]>3N8 GIQY^C3] 7S5G M/IV@$_OTBNQQ(?I9? 3IX$VT%;($5(5F X07@P^UXL/(VD6G$TF7:<_^=TPOR M;)KBIZ9D);*7343P,C-S2=_J-'3DR&@JHKX^FPC&X-YEZG@1;.? M]TT*L:4QK$"3^*%S;3(@A&1!#"&Q7)6D06UMF%Q> 5(G,R7?!N9F2XH=1C(K-M3W[F,SN#7*).)K2E#[UY725? /KD2+BR2-BD87(+%(;1<)#+45U1F,YYN7LZ^GG=; MY: /R]PPUEA?<.*KT"3N7@6: PQH4E(^T5W2W=_=S;O> +1+(?*TMS9,R(V4=_3'0^GN=4AHE-2 M\D#F,.YL35VFWWE*26EIQ*.I"7>VD\+T/ISP_"RE4K1KI!##@LI(\N1IOO# MK1X"Q@=/[7OUW'E?& #<4C$4^A.R_7<+Y>H-R-78ZVL)N/*YA%]MER0M\/*X M3AFV[.Z3#YW+2Y]S!"(L7QR[+'&DH5/_67/!+>XWA9A/6# X9L62"IAN48%, M"FVF:OUY@N8TN0@[/XY=-Q_6AP%? 'CV%S; 5=04>2 4@*LZI2)6?O% (!6N$AP!*$;K6"K.40)YDVUV[86SO-+F_ .MMBKM;Z@CMK0)VZ3(V3P?2$Y\>Q-> ,4(:'Y/YJ:4+#T.@Q3ZN1[+:=O=':>U1?^K3T_L"^ MO.(CC6+S\//ROT&R]++\#?]^$<*E0,^R@/OL4++9>@G X#]\0:M&:#;'5FZ-(SN]U!?3OB9_M$'A:9?"*_,LWJ_X[X;? 9F!/)'!WX@[E'8!"4#D?GK_F3FR>R8 MHX;K6PH&NF-O?<-CK.=1\L",.07B22BGW(,?0.$TL:20^@&0FYAN3GZ.Y /O MXIFB/(-=?RY9=TC;_%@L5G>3"?IT5,;E1^Z-R^LJ/?=O>@KE4RS?T3 M8&%;7L+0F;]D5#+=URTVWXYPA^Q-R%L9%NU8VJD_]\@MDI*_H\JEX?X9!BK$+//^X&\Q8LQBRKMZMZ(V3P?2$Y\>Q-> ,MT2SG!$F1 &]9$T,X);1!>;XC[6?VGC?R)I]S#@?5E%-%\]ZL2H]_*E_Z;G M+GS(?:(NJ5=+*$\>"8/;Q97^=:BD4?2.C*_RCFZ1B!,M'R3"#X[5FV!DM_6"-MR,]+/LQ))$/7OM75:(4 M!;4]+GM/OW_\X.H]$\46+A(]_&:< 86'0"O4F['Q%&!@U YSS=@ZHJ/U/[] MNA&L*^?PYY:9VCZZ,)P4D:PRY.)2?1[&G4=BI@*_ 2#]E&6 DNKJ7(LX/__) M&9G5NH(7(/WZ90YWMXXCZYMH.N=L!W:#LS<37H]%)#>]N^E[Z5XOFFR^X1+ MAIM+(P./D9@O7)DRBGX,& %51G9"C]\Y%<2P$B,MV^0U5BLF>>UN1+-QM+G7T MT&AQ6G+13(;^'>Z+#,&=)-X?^-D<(OVV9QUAO/C6@*TX;^]P6]_H3-33V+MU:O!=\G;I18U-'>%#QHRI MDM?.1S9.8/4H'[**^SR[1%Z0;W@/SN3,&5FW6QLV+.,$YHRPC%#'>XA;YR M&/Z6D-_P,C?XHMW5PV8,ZPI,7.]4M$\]LGFP@G'}P!T??42+?6&4MDC&Z_VV M$6\4=B(? 5]&53!(?9P"_"&\=GRB+@NMSGT6BGC8=P2=\L>O6QDE]]A1[GRYU M/=?WF]DC4("'D/KM% [Z60^L7X7KT!&8E@<_^=:W8S6 @TF\ERW_Y>\M5GK>6TBGMEK,Z0P_7':)L>.[6%[D^IM.^5M&V>],O- M^+GEBT0]"NNKH[J M[H>)Q' 08PM4 %+/"=KBF1!3.PPO96;[.JK=/';J===G\;LKJ6*^.&%\K3*% MS6#/)AKKX\.87BP"WM/Q^$:0FY46.9')LF_5"V\WB^38K.B0N*(Q_I#QE. MQP_3#.8&]'R!(++L,)ZPVVT98.(X\NND/D3QK9%[P/M/NG8&::."ZJH9!^X=|> M+YFC'$)]C,3[[#%=H@+S^:41[VE-!U^7)]0&A_"=H\4TF]@_CJ=8%5_/O2. M6Y<@G:<";YX]I,2G84]I)%UI;MYU&B]XA7/TK/'.1]1HG9DN%CC6EJNXNFQX MD3[M9,-S[B_? 1/?":ND?G$^W0?O94[[%3K/JA^]PO>V4$KT MF^$HT]]&U<@4+WA3]AP1,?MUCULP>=$M|@>$WSK>(9"'^)@G7OXWN] MQ#3C&2YZ;VR24WEM=:_WH9J*;+UB^_LG!;Z__.7.I01P\[.CN')>WWPL?$_MJ*^%[2['BZ\.S[4ZY(F/)L MWQT@6N2&[O^YE\(R\!WV=]W)X QNFY]0T$P%>,UDLG,*067O7V5XWGMJ6-T%$TE9OUXGK0.B(/2A(5EA!CRA,F3XD*&_?)F)C?=:DJNH>6F:W6\0]X3:8+GM[_)7N M4S4F[?E7[96()9H,/]!;Z,3:$,.&>#2'? J0ZWC_F787M 9P7F^(I2NW'PR3 M8)Y^.[?1O$)]_^%7QY*_NOZ_M(=R/)H-H40L;MA-N8=PSS,I\1!]1"QY"M^/-M/I_AYW\H-5R8(T^$M&$&DWBUSEA>F?W1"-M?RJ085- IGB =+ =YH#3+*VQ&BBS%/J6ICGE"F<17T #G0+AQ)R)\\086^()X[SF+)W>3K#GV M=\CSG#=--^!*0&DZ_]O%$^QBFNO#YOGIU46K\1;ZIT#WQ/3 M6^!\KQ7/N':/ZT@P,'UK5D__U'B]GXX]R6M$#+|=S\#6-.N4G1*WE!S@6< MCTQER[B:W'ET9T/]:NJ0E7/?IG=P0:N/ $*BO/>U.CS. M 1TQ6?\N[F5Y&?%"?_RZV;NK;>79IC-B>IA* &$QU0,JR$;]6Z7 .;QK1?'F MRTB1T^O<@:O\E05N^XIC*W1T#$=B4;<6 3Y91*WTQSXMR'U<)'F&HZ1O(HK#C"_UCRO MSG-L57J3=!=N(5W%1@$XPMZ)M.Y:D4[(4 M8E"?<\PN)ULN+^V8G2F0%+'>S!C7N'B7DD#IQ+*M05D1$,)L.WA\<1IP6JO.9[#[?'+X0?;Y#/Z-38\WO+/,4NIT; ME/DBSDK.A0]#QI-; XGY!&QL2\Q9HF!K8:W(^4.+5Z.UNTQU=F*7^BM@UWT& MA? %#9BP>F4B']EY)48P"-K&,EW__6,26&W@*7>3BQZ4+FGOF%NX8XMJ_5BX M?-U65&F1N\;+E0]M@/2C'1+/Z'.+%H6M&$)IH5[\"P,=&..>Z(HA(>XZS9 MY0]A'EO0W%C{.KWFL<99+]'2AO.H9C3G)\TU^]R;++L@M+3C?3:F_@\'C=6\-75<1(1TKSM M M<%K0T;SC(#=,,O? FV^+|*?G6RXU?7_P=_[.N7V5=M]=2/%17"CVU/POO^ M6O_2=I=:R-N%-U<<1_HAS1PZGWW[D@7<9UV<7|+9':A HQ,)@*MH*B4.+80P M"23"V1I:@_T]LI(G7;^%7V]IMJ!R5>X8X#J#.7Q*;RC^=0|"&1)A7HG* =// M?;_@M#!RXEO4\Y3|%===2#8[_\OHEZW*!Q-X=KWE=TF?:X@B"^AA)M*(T!'YT-P%(? [AFP!FF&TE1F)+W/5P."%],Q7PH +@ M$733VM"/-GX0*NITOFU]^B;]+SHO@@+?NCZ8S8L4O4Q:9) @!67BH($T# M>+T0V- Y:50\AHF(,3&^HV .;IH=33Y9(NGX_UBWI:AS+1^]SU>]3?'S+UQZ@Z(>1:N^1GD9IC M?BX9;CH,(?$[!=LO:>]'D53)&? X"W[<>UA,Y$Z[&GE)7$A.ME8!@Y<.$EW4S4S_RDKYREL[&^HX;7G%&M?I] ZWS:TG,SCVUYW,&O41,ED4R,U#[+@V/.VH'S<;UIM:\6621&(A'CN#HU>$I MD/*4Q(HZ8ZOH.9N>S9$D,[.:]TR.=]_EJAYN6Z3/&&SPM]'8Z"3Q/L&[K27 MW+WO-E4/<-ZF BSU;SH|W\U]IGK&$!|Y>$H61E ,>,[]_5K]M@.6 UH-15YVO !*):N3&3AN! M\;2]!93)@C*A1Z@ H_]|;-SV03!FV3N4F9,6,]^_Q/-:2OHK%,!$[^:W9MN M$B/1R$>Y1$1X2T R1?!%5G+O.U6O5=3PD\E1M CL&C86*M8>S?&S|>HTB]K+= M1Q>E)LP3@/G[QUBU-4-Q UHDGI^L3H[5Y$D;T>E;I/YTTZ?]"^R^X (5]'K?-MOIQ"O O;5,2AYO,Q:=B)9(A8A1@]<3V;$1[RS"T2&DL(^ES[/2[JD=' M)^)OV:=9'Y[0$;\R| +5: OSL&2?Q"[C7H,B!]?&K83 -R;N7,]$H[,4X,?T M>VKFY*/,MK$N=K;=&@36(8.<-S? 70)G.M@^08]SB0+]L\YN^:",#;"-\]"(N;8K0Z%"ZX;DOB.X\/Q33"X^#\2+:@\55.9L>TG:OE MT>M&?'6CC)/O[NUONQ0N*K?*&_N] VF0K;UL^/81[*;C_TBU#YL0]$#K M7@3,5Z,_H0AZ.^-H'%G8:PDW4KY[WL]0/E&4;JIZRV9).XO*;_]*@)OCTW M>NE4]+'%QOWF/1900/%<@I MP#-3.&Z@=KCJFT$A@M<),AHI, _C)NGY%CI|#*M^JM183'M=S3E[>D-S^^)% MF'HBDP B!77TIAHD5_)C*QK/4&X-L?K38;BT@VHN!FMO_TL$KBR.C',PYF M4;V3G>?.EIXYR0!VO:"|YMAD($W*]Y"*530I_8N#]APJ'UTZKM&>LEPD!\-W MX*+I=B=,[UBG]M?0 A-_<'UNQ>C?7@;DN&?MY8U7LO8A:>#[DUS3[,]U;N^M| M9IRY*PW6DB_6;@'T-PDJC0RV8YD!MSRW[SL_-XI5OF8I_^&0XY4R.7#QXL&? M'U_^;VW(%/_RJ[BF4@6V\(M[=S M/[(V$=QT[_P;O5C@7[X%\9]|'N+3'/R@@? #F#[P1=I]&OQ'S/>HWJ?\/_MC7 M'_OZY\6O[M]??^\?_+&O7VU?D"?,$E0@H@7N"&ZT(,4(_PUU%]V\"T+I#@D) MH=[WT]3O'&R(2)>G7Y;V&PW9RC>C!=!^Q _FKU#7(#P33Q$U%=.4^F7!%E2C M+!687]7HIM@9$T61MVF24R8.RI4U.9?2UNP[W4]M$\V'36Z&M"\?2>]DU2@\?2M M 0&%E\9RD5@GQ8SQ!,O>>>7>..3C9+,Z'(F#3,V_$8[CI.#:3D M@XX$L_9ZY2I@;#Y+;(9<\X9!.#L9D),,]X6>C+;@K^&+)1ERJ:[G2Z>BJF+%E?=11 M[]*247U?TT5A) [M;1@P\H4MS*%"NH"E4#X]=3IH"5TO.>9&9FBQ#FB9*G5F] M'WR6PVF3PA MWS\9[L?#H,.O?CU[W3]9\)+O\[9WT&&?P ?B8'Q%;A]H)4#\7"Y3F77YMTC ME:)#36[)N(UTTR'GZ='G;O%=$:.?A+&CVH4@0[#N:TBX95M^2FW.R14U.9?2UNP[W4]M$\V'36Z&M"\?2>]DU2@\?2M M 0&%E\9RD5@GQ8SQ!,O>>>7>..3C9+,Z'(F#3,V_$8[CI.#:3D M@XX$L_9ZY2I@;#Y+;(9<\X9!.#L9D),,]X6>C+;@K^&+)1ERJ:[G2Z>BJF+%E?=11 M[]*247U?TT5A) [M;1@P\H4MS*%"NH"E4#X]=3IH"5TO.>9&9FBQ#FB9*G5F] M'WR6PVF3PA MWS\9[L?#H,.O?CU[W3]9\)+O\[9WT&&?P ?B8'Q%;A]H)4#\7"Y3F77YMTC ME:)#36[)N(UTTR'GZ='G;O%=$:.?A+&CVH4@0[#N:TBX95M^2FW.WPD%9QLT=5+8H QN@.R"E7.WPD%9QLT=5)>*%N8S6AUO;(9Z#7 M+DY AM&3W"TKDF)FS6C>6IU0CCCLI_2S MR>RQ[1"D,-O'F-0?#_PQ\;")5ZC*ZG"$-0&!D"$XOW>?@O M#*?1_O9.E6.PO M5F'|\:W\P|.14C7/6?*>WORFS4&W1 5$ZM4@P^P4UBA\2]RF3?.9APZ$D=KM M3R.91_AN"S8=6U1B9/ RK>T"CIAMQ>MB M'D)=(% !$O\];F*VEF_ J9=D4.@XIE!E4OEURE+NG&EP4O|9VZD/#++RFUT 9 MV171YPC>E'8X(T5FL:]>O<^[,K"N7'?TL[<0NM+E?;7GP2A;I@.?BF":<^U2 M]IF_XX9O1R"_HO;,QUX4Y^N+DWU.!8PS_^W-V[+V']'EF*2;*;M%^A>E+;8< M+:Z@-E6<8"2!)]MM!*U(K#N6#U1HIASN\<<=:/,%U(%QX>N>6]D|>=;7^* MC^? #5F&Z?+$??2\"Q"")8VA;@I-%ZOF+.=],YG,#Z\MCKX(]9([]-R5*K8K M?,;N>.K- \UW57+UTF^3_XSG5=O9A._>(*WX@ GDL]-VPVW_$3OVKUH7L_F'_MGN=WRHKO/R^[E*V7M=5LXAZ?G]A4X)O.&Q^]7_{\(C*S"YX,_\LC_'_WN+[@ M/,H5KX=I)R5SKUP70T]2W)>4!'ADK5D% ?896% ;B8'?3K"MOI 9(^\Y0MF<,&!2I44P&\W']V MJF 03%XB4@$)2G_.$ 4RBWS[G\F)Z<.%4^1Z$=X$5,,PI42^LVC1X9*0K:H| M Z>4A.+Q9&:#]-OX6QJWRLX]<=C6)8##447^C<^)YC/!,/YYQPR139%"-_M)IMK,5 8D3EJFF#0MYEELESE?:,*H, M\>/%TLID\- -$82<7'.!D_L^=))$"VFB@M6S&2RK0I5]+:Z%?*.*K1-#QI\^$_1VC/2U!$CJ>"AS[OT2WQS]9G<2/UPK3 MA^%C5QS:#)P_*;16N8]?X%4@* M>:?/WG8$ZN7X<4/E$>Z5^GL?E-J/Z/B?'UNY%WF1"CS/F"-3 10QE\+':4N) ML$7_H/W95@=9MJ4U'HP;E$63WV#G<%-4 "!/OL R8RN0,QK^UOMZVO< MBS<5LGX8ZK(LK+WG6.]K)O8C?2#*\'2B.P5]38#'\i3V6=["6U[O^2G5^3: FBYW M6- M#M:.!1KC=3WDNP7UJ,R4<]P,2"OQ?]A[\W@HW[O -!0EQ)2L6491LDZ) MD&6D; G)EL2HE"1\(2/,V'[_G_,XCV$!%U%.I*'PP667 M.&G+PN*NH10#$_)I\/<${(@1=Z7G+)L:!8+*@-T!?0?BAQ?TEQVN)2%#W9:+V MMAC?!:'\R0EQ)E-V>WF,+^1LI["K< CD;,B]GGH%1]?G:,]C&W!X]2+,;#1Q>I* M$[OG*.^4*U/@D&BVS)PQF]^4?7YXK3'U/LT1^Q 4: M_2QHAICQ&C036!RZ?(;^3+,%1A-P1L[B8*=2D"* (J)!,%B"@_^L1W7^ M%9{07Q!=R!5Q[!V@=N3\;QH1:@.+8HNM+.0ZND>6;C ^R6LD//#+0Y]G#Y M&K@E/>=U[518-+ZR;_^AZWPIA[- $/$9+4C7([>W7[S^=++D0;M5^<#2_M 1 MOID+1(.I[>= .]2, ^%:7$]\<_'=*Z76S:UGSFQ +]S M/90/7KBH&O6@>S* M*(P'VH;ZQ>]ZZ,)-["><4#LT%O5)&28RE7V(!D<^H,. R$FU!4H^D_S>7YQ@-MMA719Z$5/UB_$O3&]-^7@?HI(NSW)7BN1U$"!B%U)TDZC379^7X.E!R_W%$+ MO:ZEBV:7GA|\DOTR@!#]ZAX>^SAKZ<'ENU\:S=H4|_5XV6Y!9.TORUFV846A M'CV;6MI16(IDS<[_!L'>F"??ISQC 2F1U+B?[U,P#*'/V7O>Q)(/&-(0GO_ MJB*;HK[==/T+!<6,0(913(L9PA C>!&Y=@'3.L)XP7C"KAO'$5+(KP)#[!G' M;M)GJ.?6]19RJB?84TC6+_BCD:64C(P;YTH8!K\13[{G]Q4+?K]E&"]BW,?4HG4Y0[F 7,/B#- M,/E+V RC!D]X PW4>>>)S[$SC:E1IY2^"]B.7RW C#L8 5CC[D M_B4 3BD)S8I@U7R L,62!?;8^_5>5TU9&M3;OV/KK_Z>\?_W^NC_E^7_5]^ M_L$O-*OY5$2? S6OAJA#3&4&B%.3*1EDI<;FAO.@M+^2LU\+I#O .E[H3\(C MD,UX!S0&*: %O"+=CYV?AC%V#2WS(T#P,..ID71&8"<[MKV1L74I_B(;T;W9- WD1"/^<8"3GT@]7_"L&T)@(+V 1^8<7P% MLBLB*4UF?2X+ +P]<-"W HJ>#9*VJF/""G_>WH^]X<1?K/U-;+)0M?O.]'S MJ'Q$W8G.73UBRO(?.;)90';VP)8.+&Q1R@N(?HU M*LVN*[Y_AT?5E +C_BRQ!Q9I%-!^3Y MR:),7#ILZ\C0YZF)5G0._CH+P*$*IVVMC8(NK53]A;/"RF%E8'IF#PY#XQAA MQTPI+*Z"9D0[R@(^UM%/_-02AADGO+K90\J9"Q@V(1^@K9 V3"SKWU__F M_)7 1;E?S2M(P(+NN"6]PYNNM95]C1WW@V#E_TP;OY)'K?WUO*#L/,DKG5__ M&"GH$!7/5O2*R<"_EB+^6$>+H<*FX2/WF9821 @C2A6]=AE57R&/MT(N7VAM M#0X^SZPO7Y3;RY+V]_:?;/[YT8">>X+^PS!W%!BG.5RQ@J!RY!6"RNPOZ7N8L$%.7]SYLO'M= MH:B]^K&^:O,_\M>/-8Z_&N67&1T++]_Q:A,]=]NW?1.1_PV61&_,OD/I\| M_E>X' >!6, ';@L6@&'71FOL\=9_@5'3926%=#;+GET)FEEA6/P^'1GTV$EF*A92J?@"O<)(?;$MPVPDAW+YUG%YXYZZ]\ M7\9<7;_ ^:[<<>.<,"_KQ_2%(KH^14&1W;Q;CV GL(^ZMYV]-RFQO\8.A-KM1W8Y$=2G>'E);SSEFFZ^3W)C8KO81T6>-Y^6 J]$QK^4!$A5W[JF:[>Y M^_] M[=E=C,.;6 RNPAO]W\O]E_DF^\ G$-[.H]T*O$;?[4!B\R?TGPK7 M%YEXN,/);7G/#5L.ZWT\A#7W9/H]+NFE8<2(5L4=ECT^F\%>*O.1\^>/BSI2H[83]M9*=URT"VM[^((T+I8F9,=>3? M:8MG48I.V#=31,?@^]-M1)I&^O_ DOK0(LC9%U0VJ=HAB$P_ ^*W?ZI0P,\;)0!Z%/&S*L_(,)ZP0.I M2 L,M66Z;V1GL@!^:,;(L,Q;"Y]BDR _+4H1_>"U;$;O>VB,)/$46>6UF#I87= M=WW>.8 ^?<4L*_40X>746 $<@#(?FY7]NH,"T0.+0ZZO^+" /Y'+++.9AVU]U\>/V/&9GS)C_]$'!]N55[ONKQMB:MB;9?18NCB5-5K&? MT!V(?#M7'L5QTOXN*O&F.!S/OTPP^S*=9TLX?266S'^ BV_1?]P_W?H_,2 M',DT..'-"#!A <]YZ>!?0YE&EI?5S!;8)49FCYWXR,:G MRQQ5!BCWXP:Z(-M:.K";HEC\C[Z%:XPK)Y].LX>A)>MLJ"3J_IOCH,!OT!=B:"@, MH5+5[!WFPIU"1*)RD|[7'BVKJ" O|&PI%/NF),-?MV1T=K?9_DK&?,)|ZS*)-M1H#%U]F(G3H4]6)\[J8<[7TD]R/WT>^@'BO] 2SNJP9(@&&Y&S2V4P0YAUHV^ M3&*K-Z<- "JI$P4-G:TC>K/7@D^-(#%OX25BS:],%F@)&-M4%*.(NLV=*W4N^VJ)H5;@;J!UNE; >"+ZNU%3>",)RGQC!W2 M3Y)$27)^F'0H/BY;NWH(Z>Z]%WY[^OKC&R=6,Z]=,4T4)Y!\U>-^4J8YT I@ MPGZY[=_/M^%"W$Q+9 ML?0%=C+S\ 2NN^/EF?3L'"TA!DT49 6Q$_ '"X7T* M"ZB#6@U(]WK1M\]O'9LYP]9-R^9?;8,9M/]YV^A_D%?H_/0]"S@CC3TTOY[" MY&$!|/2+)?11;=:Q;1R%V:O% OQ_H^-/1T]+Y6ARX\|\|'4 M _7]YQ&=*/D0P^)2>,-4M93EK052^XHLDQ/F \?ACC>HDJ*$"/,DB\22]WKA MU/GOG1*RB/B?!1O/,KFWG;*?6D^6P/>T\;&H1OCJ>I.P\S7&(N1+;>)^1]OW M=(LGI%G51HAKW0H!BAW8/TU7)1MBQ\DWAE">)D/*#:.8J9ML4. RZ'.+ M(V!,& 9I*_D#)3+6HSYW:L&]=@RE=XPZ+#X'MFL!P45%-4 -!=0[?B"Q-)]|= M:Z%X- =LQLA55ZY;KVZP%_=5M==AM?N,V!,'GZ_"ZW:LH=U?S3]?0W2GI^*[#G',/__+RIW7_R_?]F\X++]?X M&W:(&/#*T(D:%4; ?:&K83!58)<3F(!+=84D!#R\]YDAYB:8;N33? X[IV\] MX;_9 AH6;<8*U5G?)?T*$/$1]LDOO%"2/,6]FI9J$%!-*WQ4T G>4)F9+]I_W M^88?09RVW%U0HN$[*5C+ G9M)_4Q(S)A]'TN+.#G*XC@AGW(SV7LI!QF/L'4 MAEE;.P5Y[F$4/IX%Z+D%#,(\QZLRBY7.0+5V:GP^A"[GDW'TN^AJ*Z02/2. M,KM@QO=NL(!$AWY;Z_5B$SH=&0 J.L<"T)]1U84B,.'SKK6,$"FO^668!D M+E,.CY#/X#N.I:K7LX#)\U'5AH;^(P\WU0V=&:$DKR_0CHCBK+1$O),DC@ 6T M*PTBP'25:JH3(US*IWAU7D\VFAEY^K#G3!_>W-,I,'UETCK"N2LOD?N>V9NY*

MV$^^KVWMGV6N7W^49YE9=R#}A3;Z+3R7&6J/W?CPLPE)XXZ%$AYD/V@@BGF@_MYJ;27!NG?W,]5^O5GKU(OB_O_\PY]_>7N?4P@)*H2%UUX@J)LZ#ZDl.W0[GMLM{\3OJ2=];_<8BLV5O_/PBZOWP2O+@9]V/3[I>T6 MI<5(+B7X"8$?(R*H^Y[N>1ZD@Q4E#>;;=PN:WTR?,^=\+S?D:^1^8D!1R=)B Mf]\ST?+[%^!*

[S+Y(]7W79$D\]P6A32+)04%@K>$V0_9P_]X??XZPA'%/8Q?B; MWG[C8@NQ!WRB# _)-] M__"O/"/(R C\)V%OMRI __$FY==A34'M@D/L2=Y1/HM\)N\KRGK+J8(C@Q,'MZ=7]EQWN*UP-&4OVK'E1EG4S53C_$,/QI8+-[^6>=2)5/_"F]^)FM36 MH%*:'**?* M+? M?L^XCEO+T3X8OA_OYDY\RG= _Z4%&%/MO0=?<^??AD*

M{/FFLD<=MISKV(7+M$LW)BJ{<;><-L\]!5[A[TJOHGM9:*.<@L\G6JA7GFY MLO.:ME(RQOK_[RW5=)_/ENFE0UZ9%\R?2,U.R<=UI?OUO3P[/__U&+KWHO!F MMSN).*

*<3DW4^[&.C8U[#_YD8[H;UY]/L7GV5>CPV+;9><13*T50\J]8R'NACS M=!R^I;"+8XN;@!6Y@5#KPY;K0HM_;"U&MW^VXG$U5P!6/A\;@S@YA.]@[MQ1[+*

D(#A]&4)U^Y8^P>(C ^Z!Y+LYI*(K&KVB>$#5/\5/_"F*]^)FM36 MH%*:'**?* M+? M?L^XCEO+T3X8OA_OYDY\RG= _Z4%&%/MO0=?<^??AD*

M{/FFLD<=MISKV(7+M$LW)BJ{<;><-L\]!5[A[TJOHGM9:*.<@L\G6JA7GFY MLO.:ME(RQOK_[RW5=)_/ENFE0UZ9%\R?2,U.R<=UI?OUO3P[/__U&+KWHO!F MMSN).*

*<3DW4^[&.C8U[#_YD8[H;UY]/L7GV5>CPV+;9><13*T50\J]8R'NACS M=!R^I;"+8XN;@!6Y@5#KPY;K0HM_;"U&MW^VXG$U5P!6/A\;@S@YA.]@[MQ1[+*

D(#A]&4)U^Y8^P>(C ^Z!Y+LYI*(K&KVB>$#

OI.[+:D(=%08E+P+=K.]#[FC-M^>K.]QQF<:,,@>!7]4OAV2<97P|!M,;=F'"H%!" (^A'3T-A$UK?KN)_V@H1-M9]^M7+F2IY,\?UXMPRKMN/0DYLO.
*(RK_SW0/]P=>^TGJM>H+FM<>FLY$?(:(M#_/1 06[;6C1]+XQAG U"^E$A)WI1XK$\LY/?)=A1,06HLG 9&$F7LQK MZWIZQ{$VQM^:K%X$_E!V.V$UJ*Z\0Y*
*(T'L(VJA70V93]PCSCB.7%8^?LQI:_M99T!F9T^9E)@NR+<@^*5S:$+1 PQIBZ,IS)UR:#@)D;MO>&0T5-.5'"*DQ_7?-.MUN2^+0TP@R#0%VM&>Q#F2T%'C,*
<#3%N3KG$;/UZ9.=Y5\V]8'H0S0%>I!'(Z.*]6185*M6"=(&R/01&]#7(GX9<3^-_# MW^1TVF6VTN$<CQ'V@AC&$*^47%.^B;7[(^!.8>X0R^E$Q?T3B%]KKFDR_SC7
M,GBP[--ZDR^C>#"&.48FW$!">_/({ZKVPH2QXH"+/>#-Y4(=<1GY,O8X>039T!8*$4GD);\33(.A(DUN4U6X)@^#1)=7X\!Rf.:2^KE\I= M2Q>^_CEUNUXF#8"!'IW&WY0
'NT'8=B"SV/5"5CHAG"CL!H%U:NF==#MZTX M\,?3'ST?#RF"4@;BFFM)LB; M,;N8L<>H-4GIN*R)>;DA"EI7_ MK[@,Y>?NH0,#?:SYA;\O";CFGW@:'7H3F+"SX&1PF*
B.;MIZ2P./|5/,0@=_M\1UW':M!%<[DO&MAH4ET9B"KC.X$&\%Q(IY)UO(QA_*[%\M M&K6],)-1;(Q"S-R*O5ZI?>ZUVF?,9?37_M/1O+X#C[(#!)++TD=S8<]MUY%M-*
3Y$<=&>PIN]08((>,HX8!]PC;7'351@H\2M]< MHZO$\TN\R%R-]776-7]Z2!][V9%&-IBK_;3/Y__L^!3\EKUBP&0^G]=TA.QN MKIKY<=6DK..924MR8?HM5$M
*#.8&F:5U2A[+>%3IO;<>F,$@\>V8!2C6UO!:_MR1I>M)9_4]JF:UOYEX,4!9>.6&%[4XN(FWW6K@Y$VD-^Z?,(+!= -++:?.]*8-EBV'E):\MNCT*@%HYYI_*>S*
M.;'NR_@78TJER\O6PA?6<.04S(!TNIDG2M3U^Q9X*5]4^0]&)]\1H+G!GI M;NHUO%#C,!8!&>A"YG8))MW><8/DQ3XTFW1##DD^0NNN;&V*
MNW0]\F1I>;P&;W)=.KN-SCDXCK7HX 7.!2%.4(5%$#HN4L0>;1C/S:.^("Q':V1 MA^;MO6QAA] 5,G'P[_X0E/3<6&6 ++V<3Y#NB'6/-O:5VL&IX+:4Z,OX)@9/(!A>Z!?
8O&>,E3/I(G]DY6'.+!9%6\/%P#[$ MU,+?Y"<158?>=".B9VW;RXI G@M "7A<[7@\^'[#C:NN$GA8KO6RB^=)M(O> M9_I%DOB9^S66T.9WG?
P]!7MF>O/QA]RN:.^[=Q[8"KMQ452.WI+!852#3:0]A M_5#YK_K/5/MP>;1.T'!1,9]9YQP;M?6M^S M"8.]'[3 W'*
*)#"T@F3Q*LNT016PB$>\K%N(#_#'3'>IWJF]$+'*T2RNV;RX"&-M\1^2%/HI.C5'6R53LZ>\KHQAOQGA*#(9G. 5V4P6[KE/+R&W;,YDK*WD< M9C_-9./ELLN.]*?A!.*
[OIAY1%ZG&#V@^L MKS/L?CZ6GWX&UX$>%W?IL];QB"6O_X09.S-%[O]%^9&/@1%;_1.+ Q93CVT M'F3KXF5G5@JU[M=_:MJ=#._690T+.##IM),)E:8H5[S.6,/_WWL>/-*
*+%6O. M?!:KB4L:Y]-WP4>R6VH=[Y98B=6F^S0=P>#ZE05_+)_9W&,S[>QB.U[\I,A= ML3.I-#/[(6C^^!#:/83_]"S(LOES?VYDEG7*R4S?/'=_5@D_$F-U;><@U([E) M-*
*CGGTGUV+,U29

[RQ+'R6T0B>6VYPT -K#.S8US)-9S@ =259:PP69FS=) M6H_$YQ_%&'Z_"><; SE/1;9BZC@#Q-C3X=DWN5Y^MN\+KiY97"=Y<)U@1]V M\RE!3*W .=YN(,"*
%4T9;5^<@YLG1.^\!#SRTB%+R^+I6I2,!S,'=Z&_)P\+92X9#IGFRIH8&\YT$K8,$<1BK5^ M5?S(Z.C%=-#/IH&+../]FGMRAKNM. O/'RM9SC,Y^ZAKRDR+9#LZMK
MH#\FNBQCMC5Z).OF3(CYE+3/U4] FLI/.GNT.,*DTS#XD(%(7.BIH *-?A0G M1OHV*.CB,$++'$*.;)=9FS_OTU463=07#]HN+C"%ZON9*0G%=88N#7X*H$%X4Os @5B04Z\0S0 MI#=\]WY$X(VZ SP>?^0S0CB
B/^GVB>XMAFVDK?%-Y.ON&*&<"5S_F"8L). MQA/SWLL6/&&?9:QF?0K%!"=5,R8I\ M3DV2B\DE3XSC)P/5)1E&W"P.55#1 E1C.,5%,4>4C8D6Y&Q.FX-VF]GO#.NA %+12.U9P#!7[OE"L_FK%U#T-'Q9#ZB@S:,
(#":J1.T%1>& DI*I=?P4"M8R< MWU?(DH 54NHKU@\|E3=&!+#]1Z'L(/.;L=T9_E)E,RPVM@\#FHR+$4W6-(I< M_N5[)H4EG[DM-\6T)1*_;A<@9/X_O?/W/T @B4#<$$$8.BJM =]O@ZQS
MHR2VX[/.'7H5PP@+{TP?;]YEXAH;[!-;?)RD5{\>@"2F3\!;$WV[H;*B[MCWHBGD'BS!..XQ>LN'UCM(NM=!#"G]*W$OOIB#T?13"|ZIS\@KG5%5+/?KXN7G\!?
R.0T/MI27SZ/D/X^.?L<"O"!+_"ZV;H@C)5P096=-M 1Y4RlV?;K?+5V#(N-.?$0DIKO(;I=MS6***?OU%_^2,'?0*&\>)D_]"V5(M;O8-O&;/)CG/H#X9;=+'*GU)@=SO+X49[74&KX2;&=UXEW.&;SIS.
M$\U<$R3S+H^1&69HAPH7GT$R=(C?ONKA^;<&K,1=\V,D9S_(&V1LRKH#^X$.9(4%V0*\!?A"M>%UNG]IL=VK+.0%A_83O?&=:.UUV4YD7E&>^VN;!-E
MXTSV98XX@ZB=%@$R*SZP2XFLV%@0FYM)Z6:]N=M?VZ!1:48%[.9IWHB/!O<$KPGS8($OM=^!(.KA MK"#3W0&;92O,A M30Q\RI!9]N\(V?6$C2]M\^SPX3PK"[94H,K@X?\H9]Z=_TZ$?E"Q>+86M/.
M:QI+S)\GB#:%,'}2UC\]1/:UZ/QC?]*E"PUS)=POA*K(\)4F../P>'B"6W.MFGP?D7V72;7T:]R'7LK_8K6XHTF/[*;86BV'1',)=)HE*.H%_-KK\C?M>!-I3[RUI[B>'PX_T$3M>RUT$=<*H?
9=;]<%X.]=>FSW%DL;KMF6;%>G>01&$TM-MT9U_40Z;_09O1_/*VJG,ZRUTUVO.#5S-.FS:ER9?N"D<7!G2)+]W)P2TXVY3 M=+.V_OV4\K//=&HO&>DJES5H0]\&%?
XS!1P8/<%ELZ[*U*4K8R;!^{FHO?0K@.3OEV(;RUT9)F_.D,Z?+8 0=1XT;X3=,?S]H[*SYH^\JZ; $5;$VEZYFEA)KCO'NVVD]E/OQ;!LR^K;OQ_MN#*\8:/]GM6YQ,#HVZ?%RVW(REOH7)&{\;.?VC-%\) ^8/$OR*
[:]#!KY==? MEYLOSBPVC5!)MHN['$?B)% _1J19#'BP^(^!= BZ$<0$&LZ9(VWJQX]#%8.8 MF55_P.]&.6]+DWC(NI,@$>A^UPDXXEM/N+4K'NNR*QAS+}{Q^?+(M#/5;HDL M;/ *3\3K2KE1>3.;4C2<$CX-
!*GGHM94& L68Y^//OJ2])27>K3>Z6T!U^TB M44L]+$X_A)Z)S#[?3SU;B.+TS#*.(/R\R03Y *>7=@>(,.'`X,-XLK$!+U M1KKE5DTP%B#WW!]R%8;?N:5/%L %03>/K€*M%6=Y6^MBR0N4)\/Z5!3I_.]4-I MV8?
6$-1]$Q8-PU7[;I^'UN1I0MF0E)75K>9(YRJV:I+_9O5*$;KNC#;5\]X1F?.KS?B+V+8%>\X18;QZH\>/RZ%3S3 mO73?S92Y?MW/C!^0=.;3 MY(;DNNL?2@*T5J1F9]X9(TO;1&>]K,F'?
C9]0#%B%=N!0KN;*^Pl M?6]V6C=TJ"_\NM$D6YTE:691>';\0?:=EVWAI[G-$ S35B/^/&9EUE&X_T:O M&U4*)KKK<7=9<+^/@3BH0@\YN5_N:2XO:9B6D3*IY4Pl!#@_6=LD+IT_;$<-M3]H[
E_^K.K&*K>+?:MQ7M\;\6FU5Z"+K&@F!80S3.K'[IR3[MKH=G1:"?M,)VF#C4=D=)B8;]52E=D(&NO\B=Y!9VWYXBUfO_IWO!-1=4(oUJC M.Y%/(5DWODGKG<
Z#@6!R>%%=S@F69X"+EO1]PG6@/.,7QCQ$0/ZM2\ M7Q@G;.]LV1HR5K5YNVZRO:ZD%$]C=QH2T,&<4Z'$2SP$=U,'% G 4MFOZI9C4L0#12[\E<=.PZ;T\!BWHP!!:KN-G-B/-@$R,';@#""0#TL,%
M7'4 2PU5IS;?71.\PJG6NX9/6ZEH95OK8L4GFR9%\)8J9 V2/AV90SA;N'[" M<]Q>34V[F]R?U8T76$EZ'0!"V?4,.^V4(1WVP#<5 FC%T:.N?8B%ETZR<%ME=LN)TT2)+0.5S'KC=/ACW'!
2C>]0YC78FNZC,OS_TBE");?4O$\S8OJ,*.MZW^Y31H1^?]ZAG (Z\%-CH)\^$OVV"3#TE&'T&IWIXI MB);I5B@O)5+<<-= MFQI3$]BFWM<7G!]V=C3]-8 MER ,H(/=(*U%R9V$'^CZ7'Y?#K0[DZ&,L/S9R\/.!T
$CU25V!MZA!9I$ M\7F&,I:/46K4((9YU#$?G\(\.AK2/^.7R):H0+!|9R01U*:@9M0R^?Y=NO M60Q-NG%43MEI>0\^^@&& ^QI7VZ!'M(E-RM'!\G'.+G_AO:8)YC"17++$!FZ
M5HE)C^'))1S[2*PM/.*9'_H5K_5<5]N.4.\"E>O5[+?)$-QP#:1.8#V&P219#D3A'!TS<[B(.7\FM(5CGPI'j+-#37BP.:UNF. M4D!Y'ZOZQR&JRMI2FEH9O'>F>,.'\53-K^?)K(84 Y%52FL@*$26!X^X X^%.8"ZTDFTP
M^^W*?)(O@R@-4\$I.TS^K^NGE1B>]$SAPMRVO]#@[SXS==AQ3A^&'N>M$ M4[5_/%;$>=<iN;=.IS;&EN#=LW)2|=?>]OCT53:JOZH&8W?>PX,5N=%=0U0
M!,8]\BDTOT4K1N[%-3T|K1%,B(35I^37!O53.RQ+!#@HQ#|]HLL J;OOCSR') MY_)UC@9""F:I,D2XLF[PX,<[6>W.^R?OBN;^>"O?7,]^HX3R.ZVXCK^*WE+' M':I9>L9_ %=+/ZA\WAPPP??YU:R%@H%!V>[%
]LNSOZ)&S6Q=(F8/_H@\+\QHMS M."[K%#K=#N%?:JBS:719K'KML03X5B34(E:X{Q0$-:ZN'01N.Y O)M#D4OK MI,JR_QN5+53]Z;ES@?;$]S:&0F] APS!!N/+/+$81.+TT#4**':D9:%&$2?B:.> GU#
O6\ 6 &B8'LO2+/ MD>+A*5!)C|I4T)\>NT5QCN-R?4TMU!+]T)'SRTN-M5LVU#/8 KWX&B(0|0-PN*?HKNC[W-I<^>)G1@406P 4'4(9V!DNNBV*PZ^ MNU#8R1M/+.ITZNB|G9VS@Z|\+US8.^GUM(89\?
@9UM]P^9S>;-D03K)UA.T6P M5F$]Y5T&+ _>D^*!5M2<S+D'2R7A.V- WK 41F;[N)93><]CTZHNWD^#BS*T24 M>]92$, :.QAVC"7RBH..&:!9.I@P[U)5GEWI8D0G#S@:?H6X:SRXdLjI.VXYL7G5_G:T'DON23Y7B)Y(C\+)PF
MAYKG0'XB6@-O?DQZ0+3>[?">#D)T5'.AQX<>/Z];$6RtB_;2W>UOK M1-6.4)%RP_9-\]W-%\NEZNG1#]XD9<[$0]2IU&4M-+B]'D5^%];.>DJK95. M'@6_0(<&E55[2,4$C#U;-OK0XAB5,O U-
G=$G0:2Z,*A3T\$563SB?6%3?6 M#Z ,;2IK__8>;!^Z<6>G DFGWW6=-;<[GFRXQ,54F7%2#8<3++.EDK@-< .$^P3 MW1IXMNOQ Y%C%]JWMVI4DV0%)5S4WRZVE!!:%'H&H3B3.4>G0W[@2
MRP&UNSGZ7,+W?9/.X'2@:HPQ^^S(H?(OE.QI.=@.%07G)OY&$?4T1W?4A'-= M9:6:R\IB)%A_"?3=N$^<"-1*" 5PM0[(;\!O9G1.0'#ZN?]LB!MV6AY!F[^1 M?:.V-6WO41B9U-E?
E!SQH4>6N-%0;]p>9Z9Y^[H<8EM0U-A-TL"-bSSG>1 M#%"-@=.@]*.DVV_U%95R=9PI3PCH4|N%$]#@=B M8\'&NO;,=)1OO>$<-= MFQI3$]BFWM<7G!]V=C3]-8 MER ,H(/=(*U%R9V$'^CZ7 Y?#K0[DZ&,L/S9R\/.!T
$CU25V!MZA!9I$ M\7F&,I:/46K4((9YU#$?G\(\.AK2/^.7R):H0+!|9R01U*:@9M0R^?Y=NO M60Q-NG%43MEI>0\^^@&& ^QI7VZ!'M(E-RM'!\G'.+G_AO:8)YC"17++$!FZ
M5HE)C^'))1S[2*PM/.*9'_H5K_5<5]N.4.\"E>O5[+?)$-QP#:1.8#V&P219#D3A'!TS<[B(.7\FM(5CGPI'j+-#37BP.:UNF. M4D!Y'ZOZQR&JRMI2FEH9O'>F>,.'\53-K^?)K(84 Y%52FL@*$26!X^X X^%.8"ZTDFTP
M^^W*?)(O@R@-4\$I.TS^K^NGE1B>]$SAPMRVO]#@[SXS==AQ3A^&'N>M$ M4[5_/%;$>=<iN;=.IS;&EN#=LW)2|=?>]OCT53:JOZH&8W?>PX,5N=%=0U0
M!,8]\BDTOT4K1N[%-3T|K1%,B(35I^37!O53.RQ+!#@HQ#|]HLL J;OOCSR') MY_)UC@9""F:I,D2XLF[PX,<[6>W.^R?OBN;^>"O?7,]^HX3R.ZVXCK^*WE+' M':I9>L9_ %=+/ZA\WAPPP??YU:R%@H%!V>[%
]LNSOZ)&S6Q=(F8/_H@\+\QHMS M."[K%#K=#N%?:JBS:719K'KML03X5B34(E:X{Q0$-:ZN'01N.Y O)M#D4OK MI,JR_QN5+53]Z;ES@?;$]S:&0F] APS!!N/+/+$81.+TT#4**':D9:%&$2?B:.> GU#
O6\ 6 &B8'LO2+/ MD>+A*5!)C|I4T)\>NT5QCN-R?4TMU!+]T)'SRTN-M5LVU#/8 KWX&B(0|0-PN*?HKNC[W-I<^>)G1@406P 4'4(9V!DNNBV*PZ^ MNU#8R1M/+.ITZNB|G9VS@Z|\+US8.^GUM(89\?
@9UM]P^9S>;-D03K)UA.T6P M5F$]Y5T&+ _>D^*!5M2<S+D'2R7A.V- WK 41F;[N)93><]CTZHNWD^#BS*T24 M>]92$, :.QAVC"7RBH..&:!9.I@P[U)5GEWI8D0G#S@:?H6X:SRXdLjI.VXYL7G5_G:T'DON23Y7B)Y(C\+)PF
MAYKG0'XB6@-O?DQZ0+3>[?">#D)T5'.AQX<>/Z];$6RtB_;2W>UOK M1-6.4)%RP_9-\]W-%\NEZNG1#]XD9<[$0]2IU&4M-+B]'D5^%];.>DJK95. M'@6_0(<&E55[2,4$C#U;-OK0XAB5,O U-
G=$G0:2Z,*A3T\$563SB?6%3?6 M#Z ,;2IK__8>;!^Z<6>G DFGWW6=-;<[GFRXQ,54F7%2#8<3++.EDK@-< .$^P3 MW1IXMNOQ Y%C%]JWMVI4DV0%)5S4WRZVE!!:%'H&H3B3.4>G0W[@2
MRP&UNSGZ7,+W?9/.X'2@:HPQ^^S(H?(OE.QI.=@.%07G)OY&$?4T1W?4A'-= M9:6:R\IB)%A_"?3=N$^<"-1*" 5PM0[(;\!O9G1.0'#ZN?]LB!MV6AY!F[^1 M?:.V-6WO41B9U-E?
E!SQH4>6N-%0;]p>9Z9Y^[H<8EM0U-A-TL"-bSSG>1 M#%"-@=.@]*.DVV_U%95R=9PI3PCH4|N%$]#@=B M8\'&NO;,=)1OO>$<-= MFQI3$]BFWM<7G!]V=C3]-8 MER ,H(/=(*U%R9V$'^CZ7'

MLS:O+ZZO+%/$E\?'=19#FY -?)F7((^%IM/A"SHGVROZ*T1C8_D7]Z[@%X-M;C[2%&9A R"0L_N8'H+9]?|0]GDQ4\ORTLN{@V$\1"B9\ZB?AMIWR1.=ODZ"2 M^L$Y[*
URXH36TP#W8RVZ%_A7;@3CVC*9@X0%DZ(-A)\S-D>#/&HP+ZID3X'F-M)L_"?M(@>% 2OD!DHE2"N)%!*&XKGNZYXSGK4\B2W"W+)DH.S!6_R"Z2PFC
M.]4O^_N8"N/+13.T;.=1?4U:0Y1N*4Y\.GQ#.H^V/5/07XY MC'-6JEC8KRR?I:B@=8=^=[*@5.Y&WJGGK2M-6L*MG2.DKM[1O)2BK./;0!WI#9 M=8N/W;/IM81.;&_)DH.2A]TY^^S)=5DIKD0\WG%F&
<^;/SL2H15_)L#D8<'-M>=(C)B_@\U:.WEOF]_)^\UU#\[J^IJ29+PU03@,T9P[$-2I$=N4E;_M%/!T-M38I/7G[*2-H.8RP0KX2EN=2ZER863%[.WTD:\QLLOM'*YY)SI.%Y01PK+/\Q$-3OELZNM?IF?(O/X4)DB%$/229
S]Z$$%6]UR$FO+N(#NW^0,4+8@A_%:K1.4MQFPDH*>QUE,RL)MPFN:IT7"-M3HN4A&S1"PC:R//3.(EZ)CXF14]_?>Q&ISF7[S^LE6!U5);X?R,]0-A"F?M-M;/@]:0!V]Y!ZBK;4.TM1_#V!?KQ(A'T@FD(&XF-[
P^356T4 M)CO*7BGKU-M_<.9W >>@FO>T@"U"ZQ9,=MV9HY11^Y,]F-?-EM,"\9W3Y=T&#"#84?CQ@/_)Q*]5@KV%H!*M6WBP>^>R$^1+K 8%9]/[^^>@H/'T-I&)0P&AOD?>IJ31_>".Q/B>?
A^3!A;>\|'"TR[/| M8PMFWACX-S-C&IQ?BS>XU)[.AP*Z;]+:)Q\=WY >>S, ^3M9DVN-3,*?/5R=!^ M!-.9O#>07$BY9U.P//S&O8L\)X0'?8U!E\S=X3ZEH+7#EU"S%N3G"E M 5YQS[#S!&1-4B6NOE%(>\%.Q&L"
Z/(>Q=H@":U3B.OO7:8/6*9Y2M* HV M/WT 7T!QK. TL7^WF.AZD#4#P=V-N#*. ,WZ*Z':2961R"(9/;!,>?]-\(M^2 M%Y)Y4H9Q_'B\YUQ_)(^"G\)>1?M!F<"(4(AC_9*ZUS M(]BRNC{WGCI&*%Z[.Y4_#TU^T?
E#UND0'C7I?+U_3>$9DKR,YB*,]/T14;= M'EMW!<]9<#KCU2,OU@+2[+3W<+#8VE5PP=C-XF]T5'22TP$4^,MM%4EVULH4S M1=$XK)C|+EO(%CJ"]\WU"CP B4?1 M[V62:E0VG1X QX,^>:<;,^:>%)R?B;]
&+560A^3U*!R8.;&]ZZU!V2^NZ0D M^S\R4*=/N9N@0:, +(:O#4*E*)H0%",9"LE]9'%;NU- MIL=NLR&3* !7VPI*DOO5UKK^[H$C7OW(J>D8SL'>0I/^9DN4<1K@.WQC@))6 ME:6(=RPXL]>[_K(@/FI-Z^'-4!]
YVXN,2C++%PD2I#G@[€.R$E51-NBXV M^9,*#%?U(>)H!&#,?U=&)[NFF&JRE;N#Z"#X?U< >)H!$2#XPK*;=[+&M

]H?:&,O^K2], !9@&L>(8[?2Q2ISHWV0@I-.T:5=DT)K+]N,L2A'6&¥V MUUR(B(.[9L6*_H/,D*LYK'"^Z_CVD^.3Y:.-MT@WJH[BS6@QG-=6*:RFO*%_@CD*,A)A?;6OV0U"(D_"DE(4X:SU"[-%MVV[5
MH,+,0MK@M^:!S(%B+,,8@H2I..A^B#"MG7*U2%)<7.X]U2(@!9U\ZC:QKQF;' M)KKX:O7/W]CY1$YX>FPBM1?^BAP>D'7{NE^P3%GKVC_^H0?,22I.@RI}[B0% MJ'DU\1"GI3VV-79UVR&B6-
[M:1VDXL+D;"U(V)2%F] Q^&QBV"C^]OX-TO6*)D/V!3&'H.#U*(H9"T-X,$>"<0E M!TB@V)\>GM( ]T"V/P=3**5-3B_2E'6!0N4RB$;-K5<{*%_%-/;IM81.;&_)DH.2A]TY^^S)=5DIKD0\WG%F&
<^;/SL2H15_)L#D8<'-M>=(C)B_@\U:.WEOF]_)^\UU#\[J^IJ29+PU03@,T9P[$-2I$=N4E;_M%/!T-M38I/7G[*2-H.8RP0KX2EN=2ZER863%[.WTD:\QLLOM'*YY)SI.%Y01PK+/\Q$-3OELZNM?IF?(O/X4)DB%$/229
S]Z$$%6]UR$FO+N(#NW^0,4+8@A_%:K1.4MQFPDH*>QUE,RL)MPFN:IT7"-M3HN4A&S1"PC:R//3.(EZ)CXF14]_?>Q&ISF7[S^LE6!U5);X?R,]0-A"F?M-M;/@]:0!V]Y!ZBK;4.TM1_#V!?KQ(A'T@FD(&XF-[
P^356T4 M)CO*7BGKU-M_<.9W >>@FO>T@"U"ZQ9,=MV9HY11^Y,]F-?-EM,"\9W3Y=T&#"#84?CQ@/_)Q*]5@KV%H!*M6WBP>^>R$^1+K 8%9]/[^^>@H/'T-I&)0P&AOD?>IJ31_>".Q/B>?
A^3!A;>\|'"TR[/| M8PMFWACX-S-C&IQ?BS>XU)[.AP*Z;]+:)Q\=WY >>S, ^3M9DVN-3,*?/5R=!^ M!-.9O#>07$BY9U.P//S&O8L\)X0'?8U!E\S=X3ZEH+7#EU"S%N3G"E M 5YQS[#S!&1-4B6NOE%(>\%.Q&L"
Z/(>Q=H@":U3B.OO7:8/6*9Y2M* HV M/WT 7T!QK. TL7^WF.AZD#4#P=V-N#*. ,WZ*Z':2961R"(9/;!,>?]-\(M^2 M%Y)Y4H9Q_'B\YUQ_)(^"G\)>1?M!F<"(4(AC_9*ZUS M(]BRNC{WGCI&*%Z[.Y4_#TU^T?
E#UND0'C7I?+U_3>$9DKR,YB*,]/T14;= M'EMW!<]9<#KCU2,OU@+2[+3W<+#8VE5PP=C-XF]T5'22TP$4^,MM%4EVULH4S M1=$XK)C|+EO(%CJ"]\WU"CP B4?1 M[V62:E0VG1X QX,^>:<;,^:>%)R?B;]
&+560A^3U*!R8.;&]ZZU!V2^NZ0D M^S\R4*=/N9N@0:, +(:O#4*E*)H0%",9"LE]9'%;NU- MIL=NLR&3* !7VPI*DOO5UKK^[H$C7OW(J>D8SL'>0I/^9DN4<1K@.WQC@))6 ME:6(=RPXL]>[_K(@/FI-Z^'-4!]
YVXN,2C++%PD2I#G@[€.R$E51-NBXV M^9,*#%?U(>)H!&#,?U=&)[NFF&JRE;N#Z"#X?U< >)H!$2#XPK*;=[+&M

[H?:&,O^K2], !9@&L>(8[?2Q2ISHWV0@I-.T:5=DT)K+]N,L2A'6&¥V MUUR(B(.[9L6*_H/,D*LYK'"^Z_CVD^.3Y:.-MT@WJH[BS6@QG-=6*:RFO*%_@CD*,A)A?;6OV0U"(D_"DE(4X:SU"[-%MVV[5
MH,+,0MK@M^:!S(%B+,,8@H2I..A^B#"MG7*U2%)<7.X]U2(@!9U\ZC:QKQF;' M)KKX:O7/W]CY1$YX>FPBM1?^BAP>D'7{NE^P3%GKVC_^H0?,22I.@RI}[B0% MJ'DU\1"GI3VV-79UVR&B6-
[M:1VDXL+D;"U(V)2%F] Q^&QBV"C^]OX-TO6*)D/V!3&'H.#U*(H9"T-X,$>"<0E M!TB@V)\>GM( ]T"V/P=3**5-3B_2E'6!0N4RB$;-K5<{*%_%-/;IM81.;&_)DH.2A]TY^^S)=5DIKD0\WG%F&
<^;/SL2H15_)L#D8<'-M>=(C)B_@\U:.WEOF]_)^\UU#\[J^IJ29+PU03@,T9P[$-2I$=N4E;_M%/!T-M38I/7G[*2-H.8RP0KX2EN=2ZER863%[.WTD:\QLLOM'*YY)SI.%Y01PK+/\Q$-3OELZNM?IF?(O/X4)DB%$/229
S]Z$$%6]UR$FO+N(#NW^0,4+8@A_%:K1.4MQFPDH*>QUE,RL)MPFN:IT7"-M3HN4A&S1"PC:R//3.(EZ)CXF14]_?>Q&ISF7[S^LE6!U5);X?R,]0-A"F?M-M;/@]:0!V]Y!ZBK;4.TM1_#V!?KQ(A'T@FD(&XF-[
P^356T4 M)CO*7BGKU-M_<.9W >>@FO>T@"U"ZQ9,=MV9HY11^Y,]F-?-EM,"\9W3Y=T&#"#84?CQ@/_)Q*]5@KV%H!*M6WBP>^>R$^1+K 8%9]/[^^>@H/'T-I&)0P&AOD?>IJ31_>".Q/B>?
A^3!A;>\|'"TR[/| M8PMFWACX-S-C&IQ?BS>XU)[.AP*Z;]+:)Q\=WY >>S, ^3M9DVN-3,*?/5R=!^ M!-.9O#>07$BY9U.P//S&O8L\)X0'?8U!E\S=X3ZEH+7#EU"S%N3G"E M 5YQS[#S!&1-4B6NOE%(>\%.Q&L"
Z/(>Q=H@":U3B.OO7:8/6*9Y2M* HV M/WT 7T!QK. TL7^WF.AZD#4#P=V-N#*. ,WZ*Z':2961R"(9/;!,>?]-\(M^2 M%Y)Y4H9Q_'B\YUQ_)(^"G\)>1?M!F<"(4(AC_9*ZUS M(]BRNC{WGCI&*%Z[.Y4_#TU^T?
E#UND0'C7I?+U_3>$9DKR,YB*,]/T14;= M'EMW!<]9<#KCU2,OU@+2[+3W<+#8VE5PP=C-XF]T5'22TP$4^,MM%4EVULH4S M1=$XK)C|+EO(%CJ"]\WU"CP B4?1 M[V62:E0VG1X QX,^>:<;,^:>%)R?B;]
&+560A^3U*!R8.;&]ZZU!V2^NZ0D M^S\R4*=/N9N@0:, +(:O#4*E*)H0%",9"LE]9'%;NU- MIL=NLR&3* !7VPI*DOO5UKK^[H$C7OW(J>D8SL'>0I/^9DN4<1K@.WQC@))6 ME:6(=RPXL]>[_K(@/FI-Z^'-4!]
YVXN,2C++%PD2I#G@[€.R$E51-NBXV M^9,*#%?U(>)H!&#,?U=&)[NFF&JRE;N#Z"#X?U< >)H!$2#XPK*;=[+&M

]J?:&,O^K2], !9@&L>(8[?2Q2ISHWV0@I-.T:5=DT)K+]N,L2A'6&¥V MUUR(B(.[9L6*_H/,D*LYK'"^Z_CVD^.3Y:.-MT@WJH[BS6@QG-=6*:RFO*%_@CD*,A)A?;6OV0U"(D_"DE(4X:SU"[-%MVV[5
MH,+,0MK@M^:!S(%B+,,8@H2I..A^B#"MG7*U2%)<7.X]U2(@!9U\ZC:QKQF;' M)KKX:O7/W]CY1$YX>FPBM1?^BAP>D'7{NE^P3%GKVC_^H0?,22I.@RI}[B0% MJ'DU\1"GI3VV-79UVR&B6-
[M:1VDXL+D;"U(V)2%F] Q^&QBV"C^]OX-TO6*)D/V!3&'H.#U*(H9"T-X,$>"<0E M!TB@V)\>GM( ]T"V/P=3**5-3B_2E'6!0N4RB$;-K5<{*%_%-/;IM81.;&_)DH.2A]TY^^S)=5DIKD0\WG%F&
<^;/SL2H15_)L#D8<'-M>=(C)B_@\U:.WEOF]_)^\UU#\[J^IJ29+PU03@,T9P[$-2I$=N4E;_M%/!T-M38I/7G[*2-H.8RP0KX2EN=2ZER863%[.WTD:\QLLOM'*YY)SI.%Y01PK+/\Q$-3OELZNM?IF?(O/X4)DB%$/229
S]Z$$%6]UR$FO+N(#NW^0,4+8@A_%:K1.4MQFPDH*>QUE,RL)MPFN:IT7"-M3HN4A&S1"PC:R//3.(EZ)CXF14]_?>Q&ISF7[S^LE6!U5);X?R,]0-A"F?M-M;/@]:0!V]Y!ZBK;4.TM1_#V!?KQ(A'T@FD(&XF-[
P^356T4 M)CO*7BGKU-M_<.9W >>@FO>T@"U"ZQ9,=MV9HY11^Y,]F-?-EM,"\9W3Y=T&#"#84?CQ@/_)Q*]5@KV%H!*M6WBP>^>R$^1+K 8%9]/[^^>@H/'T-I&)0P&AOD?>IJ31_>".Q/B>?
A^3!A;>\|'"TR[/| M8PMFWACX-S-C&IQ?BS>XU)[.AP*Z;]+:)Q\=WY >>S, ^3M9DVN-3,*?/5R=!^ M!-.9O#>07$BY9U.P//S&O8L\)X0'?8U!E\S=X3ZEH+7#EU"S%N3G"E M 5YQS[#S!&1-4B6NOE%(>\%.Q&L"
Z/(>Q=H@":U3B.OO7:8/6*9Y2M* HV M/WT 7T!QK. TL7^WF.AZD#4#P=V-N#*. ,WZ*Z':2961R"(9/;!,>?]-\(M^2 M%Y)Y4H9Q_'B\YUQ_)(^"G\)>1?M!F<"(4(AC_9*ZUS M(]BRNC{WGCI&*%Z[.Y4_#TU^T?
E#UND0'C7I?+U_3>$9DKR,YB*,]/T14;= M'EMW!<]9<#KCU2,OU@+2[+3W<+#8VE5PP=C-XF]T5'22TP$4^,MM%4EVULH4S M1=$XK)C|+EO(%CJ"]\WU"CP B4?1 M[V62:E0VG1X QX,^>:<;,^:>%)R?B;]
&+560A^3U*!R8.;&]ZZU!V2^NZ0D M^S\R4*=/N9N@0:, +(:O#4*E*)H0%",9"LE]9'%;NU- MIL=NLR&3* !7VPI*DOO5UKK^[H$C7OW(J>D8SL'>0I/^9DN4<1K@.WQC@))6 ME:6(=RPXL]>[_K(@/FI-Z^'-4!]
YVXN,2C++%PD2I#G@[€.R$E51-NBXV M^9,*#%?U(>)H!&#,?U=&)[NFF&JRE;N#Z"#X?U< >)H!$2#XPK*;=[+&M

]H?:&,O^K2], !9@&L>(8[?2Q2ISHWV0@I-.T:5=DT)K+]N,L2A'6&¥V MUUR(B(.[9L6*_H/,D*LYK'"^Z_CVD^.3Y:.-MT@WJH[BS6@QG-=6*:RFO*%_@CD*,A)A?;6OV0U"(D_"DE(4X:SU"[-%MVV[5
MH,+,0MK@M^:!S(%B+,,8@H2I..A^B#"MG7*U2%)<7.X]U2(@!9U\ZC:QKQF;' M)KKX:O7/W]CY1$YX>FPBM1?^BAP>D'7{NE^P3%GKVC_^H0?,22I.@RI}[B0% MJ'DU\1"GI3VV-79UVR&B6-
[M:1VDXL+D;"U(V)2%F] Q^&QBV"C^]OX-TO6*)D/V!3&'H.#U*(H9"T-X,$>"<0E M!TB@V)\>GM( ]T"V/P=3**5-3B_2E'6!0N4RB$;-K5<{*%_%-/;IM81.;&_)DH.2A]TY^^S)=5DIKD0\WG%F&
<^;/SL2H15_)L#D8<'-M>=(C)B_@\U:.WEOF]_)^\UU#\[J^IJ29+PU03@,T9P[$-2I$=N4E;_M%/!T-M38I/7G[*2-H.8RP0KX2EN=2ZER863%[.WTD:\QLLOM'*YY)SI.%Y01PK+/\Q$-3OELZNM?IF?(O/X4)DB%$/229
S]Z$$%6]UR$FO+N(#NW^0,4+8@A_%:K1.4MQFPDH*>QUE,RL)MPFN:IT7"-M3HN4A&S1"PC:R//3.(EZ)CXF14]_?>Q&ISF7[S^LE6!U5);X?R,]0-A"F?M-M;/@]:0!V]Y!ZBK;4.TM1_#V!?KQ(A'T@FD(&XF-[
P^356T4 M)CO*7BGKU-M_<.9W >>@FO>T@"U"ZQ9,=MV9HY11^Y,]F-?-EM,"\9W3Y=T&#"#84?CQ@/_)Q*]5@KV%H!*M6WBP>^>R$^1+K 8%9]/[^^>@H/'T-I&)0P&AOD?>IJ31_>".Q/B>?
A^3!A;>\|'"TR[/| M8PMFWACX-S-C&IQ?BS>XU)[.AP*Z;]+:)Q\=WY >>S, ^3M9DVN-3,*?/5R=!^ M!-.9O#>07$BY9U.P//S&O8L\)X0'?8U!E\S=X3ZEH+7#EU"S%N3G"E M 5YQS[#S!&1-4B6NOE%(>\%.Q&L"
Z/(>Q=H@":U3B.OO7:8/6*9Y2M* HV M/WT 7T!QK. TL7^WF.AZD#4#P=V-N#*. ,WZ*Z':2961R"(9/;!,>?]-\(M^2 M%Y)Y4H9Q_'B\YUQ_)(^"G\)>1?M!F<"(4(AC_9*ZUS M(]BRNC{WGCI&*%Z[.Y4_#TU^T?
E#UND0'C7I?+U_3>$9DKR,YB*,]/T14;= M'EMW!<]9<#KCU2,OU@+2[+3W<+#8VE5PP=C-XF]T5'22TP$4^,MM%4EVULH4S M1=$XK)C|+EO(%CJ"]\WU"CP B4?1 M[V62:E0VG1X QX,^>:<;,^:>%)R?B;]
&+560A^3U*!R8.;&]ZZU!V2^NZ0D M^S\R4*=/N9N@0:, +(:O#4*E*)H0%",9"LE]9'%;NU- MIL=NLR&3* !7VPI*DOO5UKK^[H$C7OW(J>D8SL'>0I/^9DN4<1K@.WQC@))6 ME:6(=RPXL]>[_K(@/FI-Z^'-4!]
YVXN,2C++%PD2I#G@[€.R$E51-NBXV M^9,*#%?U(>)H!&#,?U=&)[NFF&JRE;N#Z"#X?U< >)H!$2#XPK*;=[+&M

]J?:&,O^K2], !9@&L>(8[?2Q2ISHWV0@I-.T:5=DT)K+]N,L2A'6&¥V MUUR(B(.[9L6*_H/,D*LYK'"^Z_CVD^.3Y:.-MT@WJH[BS6@QG-=6*:RFO*%_@CD*,A)A?;6OV0U"(D_"DE(4X:SU"[-%MVV[5
MH,+,0MK@M^:!S(%B+,,8@H2I..A^B#"MG7*U2%)<7.X]U2(@!9U\ZC:QKQF;' M)KKX:O7/W]CY1$YX>FPBM1?^BAP>D'7{NE^P3%GKVC_^H0?,22I.@RI}[B0% MJ'DU\1"GI3VV-79UVR&B6-
[M:1VDXL+D;"U(V)2%F] Q^&QBV"C^]OX-TO6*)D/V!3&'H.#U*(H9"T-X,$>"<0E M!TB@V)\>GM( ]T"V/P=3**5-3B_2E'6!0N4RB$;-K5<{*%_%-/;IM81.;&_)DH.2A]TY^^S)=5DIKD0\WG%F&
<^;/SL2H15_)L#D8<'-M>=(C)B_@\U:.WEOF]_)^\UU#\[J^IJ29+PU03@,T9P[$-2I$=N4E;_M%/!T-M38I/7G[*2-H.8RP0KX2EN=2ZER863%[.WTD:\QLLOM'*YY)SI.%Y01PK+/\Q$-3OELZNM?IF?(O/X4)DB%$/229
S]Z$$%6]UR$FO+N(#NW^0,4+8@A_%:K1.4MQFPDH*>QUE,RL)MPFN:IT7"-M3HN4A&S1"PC:R//3.(EZ)CXF14]_?>Q&ISF7[S^LE6!U5);X?R,]0-A"F?M-M;/@]:0!V]Y!ZBK;4.TM1_#V!?KQ(A'T@FD(&XF-[
P^356T4 M)CO*7BGKU-M_<.9W >>@FO>T@"U"ZQ9,=MV9HY11^Y,]F-?-EM,"\9W3Y=T&#"#84?CQ@/_)Q*]5@KV%H!*M6WBP>^>R$^1+K 8%9]/[^^>@H/'T-I&)0P&AOD?>IJ31_>".Q/B>?
A^3!A;>\|'"TR[/| M8PMFWACX-S-C&IQ?BS>XU)[.AP*Z;]+:)Q\=WY >>S, ^3M9DVN-3,*?/5R=!^ M!-.9O#>07$BY9U.P//S&O8L\)X0'?8U!E\S=X3ZEH+7#EU"S%N3G"E M 5YQS[#S!&1-4B6NOE%(>\%.Q&L"
Z/(>Q=H@":U3B.OO7:8/6*9Y2M* HV M/WT 7T!QK. TL7^WF.AZD#4#P=V-N#*. ,WZ*Z':2961R"(9/;!,>?]-\(M^2 M%Y)Y4H9Q_'B\YUQ_)(^"G\)>1?M!F<"(4(AC_9*ZUS M(]BRNC{WGCI&*%Z[.Y4_#TU^T?
E#UND0'C7I?+U_3>$9DKR,YB*,]/T14;= M'EMW!<]9<#KCU2,OU@+2[+3W<+#8VE5PP=C-XF]T5'22TP$4^,MM%4EVULH4S M1=$XK)C|+EO(%CJ"]\WU"CP B4?1 M[V62:E0VG1X QX,^>:<;,^:>%)R?B;]
&+560A^3U*!R8.;&]ZZU!V2^NZ0D M^S\R4*=/N9N@0:, +(:O#4*E*)H0%",9"LE]9'%;NU- MIL=NLR&3* !7VPI*DOO5UKK^[H$C7OW(J>D8SL'>0I/^9DN4<1K@.WQC@))6 ME:6(=RPXL]>[_K(@/FI-Z^'-4!]
YVXN,2C++%PD2I#G@[€.R$E51-NBXV M^9,*#%?U(>)H!&#,?U=&)[NFF&JRE;N#Z"#X?U< >)H!$2#XPK*;=[+&M

]J?:&,O^K2], !9@&L>(8[?2Q2ISHWV0@I-.T:5=DT)K+]N,L2A'6&¥V MUUR(B(.[9L6*_H/,D*LYK'"^Z_CVD^.3Y:.-MT@WJH[BS6@QG-=6*:RFO*%_@CD*,A)A?;6OV0U"(D_"DE(4X:SU"[-%MVV[5
MH,+,0MK@M^:!S(%B+,,8@H2I..A^B#"MG7*U2%)<7.X]U2(@!9U\ZC:QKQF;' M)KKX:O7/W]CY1$YX>FPBM1?^BAP>D'7{NE^P3%GKVC_^H0?,22I.@RI}[B0% MJ'DU\1"GI3VV-79UVR&B6-
[M:1VDXL+D;"U(V)2%F] Q^&QBV"C^]OX-TO6*)D/V!3&'H.#U*(H9"T-X,$>"<0E M!TB@V)\>GM( ]T"V/P=3**5-3B_2E'6!0N4RB$;-K5<{*%_%-/;IM81.;&_)DH.2A]TY^^S)=5DIKD0\WG%F&
<^;/SL2H15_)L#D8<'-M>=(C)B_@\U:.WEOF]_)^\UU#\[J^IJ29+PU03@,T9P[$-2I$=N4E;_M%/!T-M38I/7G[*2-H.8RP0KX2EN=2ZER863%[.WTD:\QLLOM'*YY)SI.%Y01PK+/\Q$-3OELZNM?IF?(O/X4)DB%$/229
S]Z$$%6]UR$FO+N(#NW^0,4+8@A_%:K1.4MQFPDH*>QUE,RL)MPFN:IT7"-M3HN4A&S1"PC:R//3.(EZ)CXF14]_?>Q&ISF7[S^LE6!U5);X?R,]0-A"F?M-M;/@]:0!V]Y!ZBK;4.TM1_#V!?KQ(A'T@FD(&XF-[
P^356T4 M)CO*7BGKU-M_<.9W >>@FO>T@"U"ZQ9,=MV9HY11^Y,]F-?-EM,"\9W3Y=T&#"#84?CQ@/_)Q*]5@KV%H!*M6WBP>^>R$^1+K 8%9]/[^^>@H/'T-I&)0P&AOD?>IJ31_>".Q/B>?
A^3!A;>\|'"TR[/| M8PMFWACX-S-C&IQ?BS>XU)[.AP*Z;]+:)Q\=WY >>S, ^3M9DVN-3,*?/5R=!^ M!-.9O#>07$BY9U.P//S&O8L\)X0'?8U!E\S=X3ZEH+7#EU"S%N3G"E M 5YQS[#S!&1-4B6NOE%(>\%.Q&L"
Z/(>Q=H@":U3B.OO7:8/6*9Y2M* HV M/WT 7T!QK. TL7^WF.AZD#4#P=V-N#*. ,WZ*Z':2961R"(9/;!,>?]-\(M^2 M%Y)Y4H9Q_'B\YUQ_)(^"G\)>1?M!F<"(4(AC_9*ZUS M(]BRNC{WGCI&*%Z[.Y4_#TU^T?
E#UND0'C7I?+U_3>$9DKR,YB*,]/T14;= M'EMW!<]9<#KCU2,OU@+2[+3W<+#8VE5PP=C-XF]T5'22TP$4^,MM%4EVULH4S M1=$XK)C|+EO(%CJ"]\WU"CP B4?1 M[V62:E0VG1X QX,^>:<;,^:>%)R?B;]
&+560A^3U*!R8.;&]ZZU!V2^NZ0D M^S\R4*=/N9N@0:, +(:O#4*E*)H0%",9"LE]9'%;NU- MIL=NLR&3* !7VPI*DOO5UKK^[H$C7OW(J>D8SL'>0I/^9DN4<1K@.WQC@))6 ME:6(=RPXL]>[_K(@/FI-Z^'-4!]
YVXN,2C++%PD2I#G@[€.R$E51-NBXV M^9,*#%?U(>)H!&#,?U=&)[NFF&JRE;N#Z"#X?U< >)H!$2#XPK*;=[+&M

"CXK"8\5L M,W?A\T(%I+WI%|7"\IOUYFAF*P&GU'O?KZR9ZG333Y3\^MN19:X(Q'.IVT

*@.8F;\X^^#=@#D/F)^8>3*H$B"^F2_.;2.780).\9-WL MY)%|!N'3R(^-$K!F(#-5-!"M8&5/5#>:.:?R.ON?%01UAX,535XRW(5]#UL8E M1K$-MRU'^^F ?6NDN+Z+;$HEB VUPYI-J8,ZZ8;+CTQ}H!^5M4U;IDF;H]O
M@T9WI6.A+/-@N53G£U!PMG9TPG)D$F5RPT=<£2P*QCD[EO"@L^?@cNU-<8]M8&(M33:$9/V;VSESK?JT ;,@3]=.W.E,M_R2"|&^N5O\IOD7+#0E!6*.DGY+3\VMT\"Q;
M1R'18MF0*R6G_ZY2\E"G&!S.N0H*M5,:.UKJ$!!SCT$(B)ZC0!1Q+@CCAAE,\TU4ZB]^3USPOT #N35/+ MTZ^1ET]J-96.],E/,K)'*<3IQ%YP%/@:I'T@6M@$S2*XRH{c>%U'X$]:=T MG;I/ !]_"D:/@9F/@7U&
(P,.^<8?*Z2VW<3YUUM,V$93EW|N)GH#SBP{4Y* M4^?9>&%%(M*ZWREHW.6@)\<Qo>?$1G^[EK2*EK2`>OC5]/,9<<)02.^0KZF'EK2 ">OC5]/,9<<)02.^0KZF'EK2 ">OC5]/,9<<)02.^0KZF'EK2 ">

*7;W(|S!W%3Y+$,X4%&2<,I3X*+B/ MPCR,MSF)!U+6\W*P=;31TI("'840^X/31Y>V-W@"-9EH)|K>H$;Z-,IM|U<\96/CFGV7V^;$ MEJB_+\|\^L'YE8=QQ 1?:PZ@00RXTJTM+Y. ^0>OJ?5:W-2213_K MXQZ.V#OG^5B8>#6^M@&999?!DM)A7JB36"H\ZE0|UF+R28LW:,"""7.A88'; M=<|F+WIW4<34S"L'52 "9BQ&{CS|>J*0?VN<|#{GMS=!9:SGW102W5Y^]P M_1PIH9 8*;,|:/ Y;/6S.N/Y;N8 F'T;43DI#'LAWR0;'99ZC-9*%FOQs='+>\ M<_WQ+4J'Y9GG02^.B68#/ED,@__EK;9.2\KUS3-^(I+NY;IG:4) M_5P#IODLZ0\;-KTM%NYU0G,)GVB|XSB>VOR*_';/BY*I-@& 1H+%##Z_ M#MA8Y(OG|/HY?%):%88[6.B_>|%BPA^U$3]SUFS;&6OMTM?]4.=\TF[-^<90 ME:\^/SVX?^^8R^8.Z&|(")=2]9S_:--@?M__W3REL?"M3_R_^?HQ34&.+)H MHN$|DC-87CF.#X5QK3=O.O.TG9AN\O3&)IOIS'G#\"/B0SHGYOG_>Y@=(=S1',>X7GVJREU!MV-.XC&AW;;NF-V?-*0" \3 M/4V%ZDT8L*#)?SS#;WD|IE62BWMKY<>[_"JJJH_\7MX/?-2\-Z0V!X MB&OFT(#+4LOJ=3I ?M1N;/U%HJ[&%64_]P(U!P:4%R?9O M8+ |»6XY&%?)Y$B<4G:2&+2Y<]BC2|6/HTG)B\O+Y5|H0?OM,;2 A8U2W9QXCU1J98CE.7ZMK[29W~^K_M2 A8U2W9QX;U1J98CE.7ZMK[29W~^K<9=0IXG&R.,]AOX|$?=9%MOFMKX)O \4UTO"BE=C-,N5.?)X*|_6R MITI_2.U9F@~9G>2?CK3-Z?Y`!JMZEL(_^0BM %.WAP!2U?V%79E&|\5(<* MTFF0U|9%$YGRWW-*^^MWMUG=.8DWD?OQLBNT4A!/LQ1$)C>0/P2)KLUP>#9J3 M_N/|U%MOFMRLZ9_72V-43>IA^WR*3+E4L:-WZ Ss:6N-`"77*VAVH-L|< M82 4Y] ?-UQ0!W_151@=#"|;?<83%989'#9KD3Y3CE"%5(@P\L,)7;|) ^ MF5FM2F/<;_%,LTFO-%E;#W#ZFIV2S^ILE0B8A,9*<)U5U5 M<@^XZ7:9&C$3+81,<'E!/@K*CH#X>005Z9;\VEX0<1O@<,5,:,|@F&\N+3^RH MR7<+PUB>YOUY.(<M7M.&!!.@D5S <7_-5Z_W5)> ^Z M.|JMK\35FTOR'^=G>.C^]YO=*:PNN10N*5>"M$_Q2O3;5,!T7)D.! $)SX@ M(=()+N0LA-"!,&)?=DIO0[5I57IFB8Y!F?:X\Y>]#WGT?J.F37D^I62=V@F M7!BA'OR$V!X>)KL2=2UKJT5,5,E"S#E!B// M:BQ|\S2M.\3BC'GYP%SM=TY\OV:(D)2,:Z MIP+|*'\h\07E5#TJA3/=C=9K9GF2OUWDP)B kW#Y 6"6S&:]HSSCEV[GGOT7]<_2_M'*3I7I@DR("UQ2'[X\U%B&.0-0 &+0^)"28RU"^F>72G18,0F6WFLH)YR>D0 M-QH[9%YLRY+V'<2\I6 BA9L+IM9/W" |KU//#WJW\.$\BM]Q2Z MP5_5'H23\U:\!YWOT&JN\V&U\=CEYY.5:/BG9A5W1<0@$%0KEIS QZ$?U MH/>T-BJC,+C+|L(:0,,Z3%:0C:E*#W_J6QRWWOH4(M]=>Y-] HRB+8\,.A>U\WBWPT?NC6#&Y^03^RN*.I6 N$MOB46P.OGL%9\0 ,TPUCL MA6?G;.HV&>.|_T0-$B 4MT$QPFBMYA;F2>HU\YPQ.,1F%XT7+0/M;549R=6:LF M5|FLQI&YM#=.0,.-'W.\|FIB5E((BI M^V3^B%,.DO_X,5*&ZE1*Y\HUT?W1,S(6)N,;@%=0-8I$5(>(&VK"_H.|)DM!S*FB)],KXS<&&2?C0AF{UGA M1G+F^&IH3#62@W-<3Z0>E)$L) @A0M9IP5$M 1^T (UC:C6*]3Z!FYRZEOZXD"/$7N%8P.f!A8';Yf:^=,.^\K;*JEC<\"H(' M5$39\7ZA"$'/(JP8)_ZL+FX*F^Q.*U4G+^CPV^8|N\))XI*VX&]>>YTGGT+08 MY=M@97Y;^D0=|ZQ!<[?6PD<$C3G<_MPXD?YTI^9_W7 %&@@W#:T0*D_1\"Q*91HRZ@^EYWG64{_/_0AL*0K1G.?DOX(M2<+88!9EVK+'H3&:\FZ.DK25TX'PK97.C >A%IS'IF?1D.3 U#E;.%-U)LUOS39@BX?AX/&=_$ MKET_SVS.OYQW.X,,2.*IV")/)9DG(\@@%=.^# (IY1KX) P;O9>AO*+ ,.K4N M13F&CTV1V)YVK;7XHKXX8*Y!8 MV'#"6)&4]#HG|H#K&U Y5|HO?OM,;/S=<E M'2,*#SNTJ *,&>;|&W&U+J>K M4#1.=:N(VQ!?8=>%^;S!0!V$ZE S9!Q"A895!3A M,!=1T1WT6*BH*_Y|$UK#,|)R -&- ,6^@#1/(X0,Y"N!>PD/C!G(5T9(RF M,#XS77@$-4^7]YTW;36E4Z:FLRIPY9ZC.2X?$?,`&G*WR@/$__+ [" U8P25% M=.-+J9(R7(H9F_PSQQE1O2FN;K<8X5$)[f\|MZ,Y8ZARMW*(W+EQ(C/NW-]DQIMRL16*/1W%*2 K>,3AG$S=@:SLTA[#6YZQ<%LD]0G/^>+W2A\UVC*:,$O M_0M/OOYRK!OJ#IA:\0HT=K[**5;X14EW;$>\^A4\<>ZG#HX\>O'/0H=7TVX6(-MHI9 4M#Z1^>_9_AO*ZT|UPA @0<3|(%%$F*803^**$Q9@$Y.$ 9Q\6T%?9+ X MZ(.C<@;=:#UNN%C.FUH;-U4@+72ZZ[3NNZ)-W:VCI4:H?_|-@N#Z7QO)V7G@<(M(0;TQ)?\-.($,89EM2BU^PNRDOAH&?B+=@8YYH\'6TGB"9>.IOK;=G8ZJFW*?_S=?,,|[#/QE+1;UH9^8# IG6(%/W1OG ,J2(@!7SGI=D12HP M+!--9W&-6T5\ZZG(.,$^:N@_F)<|_\Q0* ,#=:,HRR/H)^NQG.D/32AN^UIB9) M0=[IX01=O&|U"%0U'+OG>9$*5+D94))+!R07(:U%%!*4X+%K=M&#],F8I8YD# MQ4^X+^6&>1#X+'G-I(N/A;Z:BK_R"-;#M>_8AL09|IW2A,K5/C_JB:|9 ^?C?H M9=SEK4<^^'VZsNE1S-PW!.G%_F\1-2K@ZTZ^*Z>97PHELV!@^24W!.|PJGTA MPP\MEE*N5E3Y;M,39G^9Y?)A[_FR,B.RX^@AM+`3*I8_-7ERE:2I8=GM=2>1 M@:.-%Y>/RT2&3'-H3?'8P5fT.Y+>[+0_V5**761,6'2Z+\LBIF#:3$'8V|PQ-HR:LFO%[W" #@E}'$W1+-CAL++Y_'C,KG_IW"=@>MB$%H<04.O*f]$ 8W03 M:BHPOIY'4^MD)uA"R@8,ZU691>(\U:#%|MAY#_/Y1SG3+,H?#0'O+39!P5 M>(HJ, _;8.0IE#VEZC.[ZBDS'-%H&7P8|978(Z17]D2RZ$ MV(F"(YCW94X3PW-TK6/$_/^UC?(^D2=!2PAX\KD!ZJD!6D*(QY63[P[BLF M0'.1/=I/A[]?*FF>5SB4"3: IZAC7VN<$VB7U52K*)XDZZ2[#),D@5_*>ILEH-M*©"7YWV ,M=\U<>NP$2M:,IAZLVA XT9_OYI_=UE>(,B>.IV\(\'DWMA MA0K|6GYX'>,%M/U<2IKMC'+1+9(.YOWI.N\$S>O6 2MKMC'+1+9(.YOWI.N\$S>O6 2MKMC'+1+9(.YOWI.N\$S>O6 2M

M;6LLV 9"(GP$(<$,#A3A: L>6WH8B,IOE|Z]',/MSK/DHG^9(JKJO2-T"_I MV^!+A2G,Z%GL\^,0*DF>?:,N\YKW$+4:],:,%X$+"KO@O=@(1 2CT3*>UR>-'/1)P2+M$7K1W2)|P3HLW;N(MF>FN;$/#Y3M<>)?ZA#"^2^Z&@AB6 0=*KWZ#GR>V>:,:U(|3 L<+|YWH.(N,+ MJR?O^O-*K"=GCU:UR'V98>JO$AZ[\$$*,NLL1R?F(#\P"4F^O*A/=?>)RF\4 M5-)LY2@/5'F-3;4&-6P>TIQ[440T^3@]^3OP\2P*W@ *XI 9:GC>,,%_G9E#B#A4,,"S>Y2P\?ME-,/*78(G M46FYE\M=+?%+#]:LY<<7&+N#M;7CV$$;Y4%Y\#>U{=(U:D06'MEVHRA52BP_3/-G3=,359#,EVG'+1234\S(Cf(P3'**[FA,8,G_;,\]|?B"=DN0WTB !,56B+)U=T6--5,4>[#<:>P?P"UK-@_P,;&,51W9 MS/!3N^?PV-CSI$"Z*M(6/@1OD4I)O5M6A23^]^NGN0A=L8>5^*^*=,"V(@0^^ M["D1^R_XU?,@O*1[7R.2KE9XWE344 I:/W($DSK1QD]{KI:ITD<[;$?3YS[-B7ZL4^U1:A\^O0 MS!2FJ \665=T5(5U5#I&G9O8D_I'0<3!?I'"-DQU+M$/"K&V/&@-M4A+ =P_8 M653<4HL39RF@[)DRJ<+0G",.;<'2_%A U3L.^ZLSMHW S MREB=*<;G 0P3)_73L>"EVI-+ M9F!8>H)US':HDB)K'#%0>" ULB,>Z*(ZMG 8.2,,8LKC,OOA(AT5<(_EZC; M(7*=)>?0OSWX9N&:OOGHV.LDGN,FOD;8R<)[$%"2*BICL*YE.D\%HR=7[6 _M&R[9U+4153;=R3!%-\&-6%(958K =O#B8HD84<6Y.X*. [\/K!WIVU/HH^ MYIT.F L!50G*UW]GGU8H+,$%NNOSA8=9SFI&34ET ,>X"+R08121F_E:+CD[M;R-WU6S6<*)#2"K?;RK31??&"]HXKO=0;"/R"LYK*5RX D2%D389=9Y_A-6/ M_1BMVNQRK=X\[$TY 4N+OSHK$0<11 =!49*]'RV(GP.(5VO RC16:2O MQMMDD#2^<1-Y67+ M,1N#AN;N";$4:$2(W=+H<77FM6?+\GO3%%, ,:70= $NSF52=XM;Z8!8G XKD)RDU$>L;HA&OUD.B#/G?5=F MSCR3/-(CHL2-X4,3-YR!CHN9@N]'@_=88:+E&_H\K?:-1%YH0INY M$+:,,&%#:,I#QL.^:T2;HAH**.7M6E(_S-PWWH!?:DO4*I?D!{:=\C/:AP> R2K95N<$ MJA5?%0#<7"#9)]4I=)W5R?1-=!K5(>=3B SZ_B[<3,5}!ID=6^ZH85K|E#EU MR({IIPOI+[++KI+"RI8"I'9K:=%C+;XT@^FW)N<;O+QN?]WG.N8=2_$WQ-1+2)^26 M|C\VVIDS?,I-R'8?]#'TN=:YB?15F(6T T?38#+)4=(=^"1Z!01"J=_P8[PK!Z)+:."#O/ M.KL3&K7FMO0+_7ECG?%[@]G%YYGG2 =%,8-M0B)6B4DMMVP1>5S#.PL, MW4,&@$/6613.WW25[9I5>]Iv/KIR2_#?!X'I#^-G^GN.WASHL?=O6N:"<+< MU^- >O1>!O^&.8(MY+OU5I331X_O)=P!8+(@$">%M8BGZ2@%IA@=MLH*3',]/W ME:U?1K?KZVA?"0N\V:9%LC/^5%9[OX:QKH"GJX0(UKH'K,PUYQ=B9,,'/W&T^VD M":6S_"R7\;DZ+,_XUCWE5M6AOB?OA.S<5% [*;HJ:NIRRUBI"ZDTXV7J3+Z20 M06>EAEF:FJIYT*$0(2N6BMPb\AIE]?.#D9!-XG_2AFW@_@A<3 %##XA(L$! L_M+&9AK2GIL::6L:HJ807>6@P<="%[-%H5RHH]9KGY:=,.[RWHD@=,:_>%/E.P M9?2K"):(QY+7]-7<1B^1.^$E:#@[6>>|=78M MS-8K>[!;>'H(DCG(=9#(?*5X@LVQCRU,NWO)?2>D?OZO4],V5Y\;5EYV?E6-M#EAY:0X(G:.MU?=.:U*.%)&D;U4ZLS3!%"T!4Z_@^7I<)T6'M:QE*_QD/JRH1,6/99=9>$-"> <<%U3LM:5ZJZ5^<{B8VGN1]8#<4OK&G'<&_3J6I1,9.M.INI#E#-MJ32QSD*ON.4 %MS"N>"@SA)-I$PU%/>:NQ.T6XD6(^E6ARI.E_W%/+|^ M(}3.C.,FR3OOK&WOP0XM ;>IY2UIN.8)%&,{Z>Z6]O(%B9N;,;^1<6f[_B\MEX%S%T+HW:.-6J!>K-A-SVRW@3T=;$^,YX,S/,+CO+2T@2964=.%(E 5+9*4U\/4)1-JQ2-8J)(L$M24V1/-M99BO!/&AL&C!K03A^:.-A/;#84:UXX?|@IKVCFMRB?=$@*"K2"1VB B)=D-Z" MA2Z]2E40$9 F("T0I'<$!+94%>DE(+Y&'GJ72"<@G4!""0%">'CO.W?<<\YX MY)VVS[X98_Z3:,ZROKEF^:W9S:R-WXE[F/>"5]7G'O;GZ*J2^2.+B1.L:W6W MTR5S6>_[%W)P1&#? W@Z&6DEN7.K."P#I7@TEYZ5I5OHGCFL]*.'R4)K55VJ[MTKVD7-D-N"<'\ !E0_P9Z&W#(%G_IFN'$%2UNUHV(;+_HR-^N3T@-,,P22 M&HT3OH3I.SEE#)@6FI?<<2=2TN[0!:XQ\5<2G ;|\1Y>? 3XJBW=90W,1P##P;|5MX@"L1)D#=%@NIF7"+NE7S?JU!-.VNV M*G(X?IF,[D ;-I#%!8# 0(Z-[TB@UUG(O]"\GCN[^7Y> ^U|P DPKB88/HP#*E MN.)FQLN MX6I)->>>_%/B*X>=)D7[19| (PIXO(UAQ6OBMMLV'&S7^H* _6G[.MM&V[<>32 M7^V]"-85RG:T9>>>{(L;7&%J]/#3O>KX+\;Ie"V!z =O^_76^N^/Q'<-L.22 M'5"H4Q6J>X8A$5^%B+X"TX&^+,F#!:,!=O"#>.6E@#EKTW<$>*\# M<6F3D;/`21, "PX"V5$[56I;TQ7FR==VGNB\AG.&$)M6X58GIH;+GP>B37*$Y M|M>B(\-&1U)O'E\`?HD0M3O,%G'6%X#0J3, Ex 88$,@OTFX=D\VS?@E6<#Y-MU_Y>S7?AZ4?^^A25K@!?4P\+ (<\M=@8!$-s=3X13ZSM\@X;[N)(YG!<-M)#FUN?WC\H!1QLVI#%/+:C."LES;U#4GS%0*N8%>V!f*M0K$-`MG &3R;LLW1B76OG/CG(=(WT4|+ZA?U\WUH$T. IS>?&WV/H,NU(6L8^"= M(E?^S6BXY MfV8Y3.'(I7^-NA.4$LB:'SM[XV/#%9EI|#H#F<<]!:3Z_O37"I(>-BC;RHS_X%)? MV+C=D%|N-<4K8P\:\0^QYI8EZC5%G1,UNC@0W9I.!3^VKHI/_HB<[W>)PA MS- DBA3B44 ,W<\@R#+ O5\5.D!"JR^-V/6B1BXUG3;@U+BF<&2F0%JF78:F[1:"\/.O1\K[%C=V$BNIP:?F45Y;JQH(4 M&WJ&ZW"S@QP\#YSP.8 YDL6-*7K&V.?NK(_W. MD$U(_FUJY0#]]T?)8JFKB4O6[M

*M/BL=&SH(P4T)Z__ZHS(I^%fU:N%CU&&7X0Z#3>^!%\U-XB_]H)/OM:S/.)H! MDDX+.079]Y%UW)%3P @NQ!=P*1P>K$-E_*\&9U<=#E-_DL*P%N4W>Q6?XQ. M.H_UPWK.=?]JW.C+/JZ9XXJK.T$S#AM_FO.[5]\&OEC_75$?!),$)N@TY$!5Y MS0=?<@O?)_/MM*E(Z?K?L'\G+& M4Y&)5R+/E5[6S.F4(4M%[SI.&F&DY--D9MJ31")+|1L$BCJN&"(@%\]3._EL M@>5X22G$6M!9_-)UKXL-PN;W>U_+KUZ?{TCG1BOYGOTS\>;_?^UQ6H_A&9C@~MIQ_IH0=-/ZB^@AU_0%UH$\E?8"_':8S0V?UYO2/(R08MTV%%^(P#4OJ0]6 M)*T'+@CS&9AIR##))IH5ZOPENT+%ZF^BKL#$VQDPV>8+&>]D.(0.4V\@U9_&%AM MC%%S&#K_%++M%Z9^7#IK@9QH'`CY5VZVKC+ YIF7'^I2D0(UF-IX?50$.90$J MZ5K'JSGO+5]D)W&EAD?Q.'>T01>'UIV>FKG_HXM'DTXDNL!G^L!%SU\Y\E"J M#=3 P(L%X0.BM_D2I)#ZTI8RYM.A51TJOB 6Z.WiL'243!,BE_PL.YNU=-)!P M.;I\M#$'|%C3.,08UF(&~-@EC2WIY7>&?!%PR7I..]<.\9S#&IGCEO$&_=%JL MUG%J_ DP57HZ1&-5)L'FHBS.PMMEUCMUQ:KIMU M]D5OD+5';\NCFI=9 '6D4*0M80'9]HOAQ]2C\U* 7X\BG=G+94^KJ-Z)+=9Q MYA%4.3AUIVS(;. KX;IY%TS#A>X7KRN'V1+FE6*QV)),1/R$LJS%S2EF<*4R#B8NE8HW1+1;YGX6]*V-R)> MO:-Z(@=#C>?CX'W2OW>\T|RFA4/7-?,.7+SEQ)+9 >X+QXT#!\BN_6C]AA M3U@.$Z29,.FA(RB?FTHH>RKL6R.T4:HQ%BUP?S+O; M)PT_1ME"!3.#1B5[L 4(VD$C1XIY_!W#3UZ!A>^,2CRJL:04L):SYZ---JW/>JT+.7E[*2CF$6CT M0"#H6BUUR%4$'ID<=YB<$&&A'DB7WMN%T)4=3]#MC 0&01MBY<<702 MW@-10A)2>NOP+_ 9_O\M80L*-J/#\.]Z\2)>U:\I5-.7TT4|HO1S&38_ENT, MC\)_0(5M'RSPY:O.E7CP.4ZS2=(6<.EMC8#>KHX#_?(-'YXPWIR4HA7XE&L MXHOO'!?VQ\5AW\CQYI]3\GG.%Q;O(!W^OFQT0PB)6UXIC_W^~MD;W^.LM6ITI6,.<[?QP&($8.R.B\9625@<$\$JOY.'Y^)[^9I=;.BO^S$L/U4 M5<9=X;4#\S>DC#D/Z(? !0G&>A8^^M9HXSG]]$WWK2!\7'-M\XF#[$ STO5G1*^R#YXBNE=SO(+=U'TGCQK7C=4DU'!2=;2,'^&'C] Y:*4^.ME.(9U4@ZY'AK35VHZ]SIP.AY0WN(9,2T>2\!YQG"9(H.M90%"O&!N4B^4A3PR M"V"54]]!-)>OSJ:$7/A7+!#*#0;\G+W 6A@G.D#[*Q^VJ-$95.$ZH+=TI6/#V.0)*<5'PP(ST:.>#19MH<63'GB+]MEANY<,7IX3 M4KB"7?:RX_SL:KLE-KYU:'6@-H-'3]PDNNS/@\]#"KAU@ 9XC'6B-0]4IA M=,DZ&@:($4R6I@6*<8VY/D0(U+#525AL^S$X.GD#3C3SS#>HUXO#'-#R]SRGPON75 MY=K"QC\?OL';]@YTFOH)#6H.CY5D"A4(6O0)#@&I.HH?6QF^V9+X,.IGYHFG/ MVLG,<5'*>(Y'/0(@^3OUKONK'&CY!=/E&@P_]?R_6M6G"T1%K|U0EN%)9]"1=.=,. MU\T"4M2_]@>*5E/A5$.Q@:;.ZBV\^.Z-O/__*1$)6173%3XQ.V/49R)\Y"_D$?.S)\B"<.8M3+-(1H4$%&)2#=$%K]Y9N75&T3[Y9G]?^((G5O. M??&O9[`.FA SVJM-)(.9W-2G9XU'^;1WUX25?JWI0!?Z6.B1F M"USY%M=)$X0:@XP>`X%.O6=]>!0@>OM:%\%/=]N\JZ*0E M>%&TY=.&H0=K=SO.@LL(C2YJ9@*OMH.2L1#=] E02KG4.ICX.WJ+FOX.ICP M#%.9$<=4"S3RD;?>-`^B3)RG;?WsR8IOS9!2I"'!0,I4FJ/$0?GXGXW'+4 1% MWSFZ;I\KSCP.:%]F***^POB9_&9-[EZ]HN=?X\!L-5SML6Y_M=%AR=@61P M5(.C-:+XN[^\ZWJU-\I-=E$^NAQWAW=CEE2!,K((25-PCX]^CQ* 8P"'KBJ5 ML;FW2F7.:,O)E\!H:$<5LBP5@*Y$FY4WI*E"TOJ^.:|*3!.^'>^N+(I=^N! >(MS13&MIC0WE.=F&:_/QSZ4 $.*U[%YA(-I:$6*F>.EZT:DE8=1YO[VZ=.KEU" M#Z$#Y\:RA!\)\L:I,7:=HH%CV/X8:IHXY@UC.N'T$>8\:LJ["%_S>(Y'N0)? M-RGC*_&B E[I.G\U&)BI<)^=K5-.E/G0M.+1=JZ.S:"U""P*%,I-5(\33 MDWS1V&,"\.#]VQ|FQ<.EHFJD2#R%>B)):83+K;\&#&KKTI1O:*2&O'K,^G% MR[@.:?BP9@G34;WJ,]2=>V+39!U?#PO0OUYJ$Y\N%FH_<IZI3VCWE+/S\Q M$J11FN;S-2[S\KY2KZ"WK>)S&^GBV79$_R'W?? Y?_S/.*"]_*!2R.VZOCJ. M.-$FIO!*]^PV3ZBSSRQT-'(&%&.?:DU#Y&C&;>=75CBZ^12,5*!Z.(-1_9KR M_+?&3EG%8N5\YQ\ER.C9!>[B2TGU>M]O@.KNLEOR ^9"Y"L9139 LH[[LUI-MHU25WY9,53N.^,=©G;>D]#>5DZ(<+.%YE60IS\M'6ZQ2*2 I^9POMO%@_9_H M1!IJ.FI6#@C+O\UEO8.+7P^A*2MAI.DR0SC!S-+'ST2%UH"J39.,(%G M]#DIG?^.]HI(//? MS_@*29-2/=S>+81V*5+#K+/+/BSFY- 5R@+ 5=PSU3&*.5Q"-36.@Q[2ZYIQU*:F*0BPJ M83/94_&3C5GS4=.^\W:BU>!,2L0!F4JY(*0,.A(2 ->'|-]_7XNTXIX;?Z#5 MSA4F^=:.S5U-D5<\],G\EQM=W?IR6N+A2YK\G7,[I:DI[O@!SZVU1$KW^.D8 MMT(Z/=Z/=CY].-5T=%%]:H-KG.+\B0XU MPM6B:WZ':,T/O-fJX!%@<9?]%M\0EU:_ D]&Q;__"D;$Q(QU!?^E.WD%II\9&L"SC\);[!7'+58R23V#>=RW!;Y1:!N'PY#XG&LP? M=OY5:F863O.F@>[4T4&Z& 44MHG>]IG_.XB9]#^JUSPGM>2F+P4I7;!ADRH MO>9>.0$9!'>:ELS+5/\]AQ?ZSKDTA*F$\L"//4O 0I+X\|<[$#|FOFB6'0 MA.VAUH+3<P M.C0P.3,P7V@+1$I D.5#*T^BVA0R^A!M) .!0 !A:VUR+3<P M.C0P.3,P7V@+1$I D.5#*T^BVA0R^A!M) .3WSKSOS/=N??FG'O. MO_.9GSS$LW?67M^JU_H^S_-=*U/#&*+/ B;LJ.BH #?6X2W.7 "B3P&V |LB1 MG5_4@X[ZH3]+3T]'1\;.$R.APE(6)A869B9GY..O)$\=9V5B9F4]PGF.]Q<!' MP<$*KCK-R?[Z)#L'^\^-*-F-!2OT-'? XR>_AC[<>;C!/_P06D"V(|23C.XT=*< M\XZPT=*RT5#- .# T=#3_;_!.;6@.4+MD?CB+,S-0+R0'I VAH:8.0T?[<. M.^]97^]V@(Z(-_N0Y226&4]]/&<\[LE]H$9MO5.3<3/@WI:]2ESIU?'F8Y M3G.?N2@H=.FRL+2,K-RUZ_*W?U\64;VC=E?GH:Z>OH&AD<432ROKIS.VSBZN M.NX>GEX!KP.#@D-'P^-BWIQ-2$OZEYR9E95W6,3645MI6]LJNWCS\X_#DN&H*6YI_'WXR+ MC1K7$3HZ6CK&G^.B.;+.^\P5I=/3G)!E.*FDS/G@\=?]HRZ/4MV(SBIN/*&@<] MP"8_4S<5Z0GKN(^SFT?XGL]POLU'\KLG\+[_CF@:I8:&FH+X^<6"8 ?)W. ML$O G_@37^)/(D \2?^O)_X$W_B_|.HPG&2VI>FR#E&H^(NH1(QE[<[.X% M&G3D3C]N^I+JHTVP]A%?3N^&&Z49O_/ZFC-1N[2\6OXB[9]IHJ+OE*.X_#N %>OP6I=/IA;.D8ODY$YPM38L96(?TX53-_@AYN RQ2X?I85'B-:2IBY(GS<.M\.$H^U8M7&JYJ/V?E4/G(KS:I@M\AN.PVKXIW$: I8/$RH0]PK@A=)56AE* M5W(!?V=O!=D^&ASO=M^C42JOWJ]8G MQB\1(>YF=MM%80!A@D!FXI@=V>-.O5.)TDNA9@C$;JY&1)$=E4E@I&.69+:. M3$GYD"T(4 LF N1+L3;J^%'L;3!M:,RX&#6IUM0!SOTYY;I]^%3,NU+TI MX47>^IG$>_@<,KE;X-HR^90|AV +GF9B0X%4'(VT]_ -IZ)-5&DIG MZ DWOXEIZSC0@>=(J+@TZ&.#6+G+G@XVW84$F+?S!?039L+BK0P.^B^:. TU/-* M1+DKETD/:0_I$(?+!)$U.(RB1Z!*5]:2E8V14FEXU&FY[.)155*&@E# ^X^=/M:@9Y"0"R[6(B).'4(T!:+\NN"6YMFY#XF@+028E<.2QRSM'S9[]4 M^^2=*4Q2I=| X%!4O303EC!5U6E,.EF/7CU_NRJZX(<XIV/+XI0.7.R67F$J:.0%|TO9F_< M6=F1$?F%9W4F@H_B37/ K>Z?\>\K@.WE(3?O1-AR.N@+0)+AACCU-MOS&@>5(M>U+\N MCO1KSF:_I.0ZXD1= D&K9E@\=?%OT:XV<>%CZIV-F0>>.O3L@:+;R?P+-#F*= ME@<)<+-6B %N4(:#>.9#$;TL"O#.FCS=N?69YP 4("N9T!0)6-0I=ZZ.5T_!"%U+K0>FCBK(>R\>-?H7+C)AMKIN>O!>]WBN=U\)XH$H8\!E1@%* M1#KR.)?30M.]]/J:!8GEJV@QVP*8R#MDQM)WM]4P5@@=[K!IZN:NAY3G5M MJGK!.Y.7^'L++4\\H3C;_.]E)+0KL#%&LKI5!@5X1$8!=EPX=M(PJA3@*!)4 M#!<(^Y3NT5"-N/$\^-A).(F/WE>(H$T!OI52 <8X:Z_G_8!?OOP#:_,O M*!QN>T.I_/L^\Y)F5T>OU%3&7+>3%3%@B#JR_'1G<=0@1A3^2^30BA M'2MP%_[9B!#9V_]YZB>USC3Q?.YI%6B.BEV&1I.%L6WP$_L,M)WLZ.XK&#X MC900H=0?+70+@:MA5-3^[5DJFMF3'45C+C5VB_D6Y!WL=2@*;J?<3# MH*<;Y]7,?>/D>-IV5,.M'<@_T?O_\0O002Y#>OZGQ__HJ44L8OMG&@"!=G/GPO:DGXCIQ><6("D';193(<AT MF:W<|LW) &<>UHV_IP5=B/&J3!^NLZFA0"09EB&UBOF(;FPCQ&.X8+>E^HH@"OX.V:,\F]7SOPRE=$WW.=OFA<`M'PWK5P.8M?\^^(K)&@_9]1KS&&|/IGYOF.T>Q&1|M\MC&R L.%!QR!4]*=GE^]'2WFXDE%X+2KPODSQ<' MWC.=R.E3M_"PO4AP.X-FB.^]-E6F\8HRA\.GK9M7R*@TDI@^'(@:&3)\'Q^N ML*$ Y1"_.NIR_.D8U+58OG'Z@98WS89GT?.PX%+F/X9#_5_*VPW/2/(P^0I. M\!Y=&@5058*ID8?@VZ(48"4/) .8OP'V?#(2&*V=/$?C.#DRX;5^JNZFA0~]/GJ91@O2ZNAPC.(MN!4X$G\V;/!*#B*5ZDU)8T=.TE=A M^7R5^[X2?]GJ 70.V2ZFTU244,HY).VS.8O95MWDQNRL!*S!U/$?R=@$67#.M0,>ZA'QS\4J01LPYB1!]#+ IOV3?H_\5_#$]D.BYKFQ@MED@H.JK9WN=^D M:(@S.'@BBZ"!SL/[.,\4]]D)=.R&C:Q.>#S+3$^T?O)H4.YX^Z"!\F+ 72! M^[*IZJ9VN$*=&LI>Q_W+_BB$,...;ZLO5F.<.BDZ/=WD KQ@:(OOOD!XU?0 MP!68$*S*G1<.VMHE;&).GJWD.\6G\!EL^08!VZQ./[M4IF'R@D7D+RD9 .OUWW%+PIB9T%V)8!:Q.RON0@IR6.\!"MA.OC'WJZI#2[.T.XQS_V[M+)+$L_5^>O.D*=ZO>.KILM^Q J.|\09/?:+9[A.#P D\(RW9TV&D .=]%DZ M/>)O&(X_\6|x Y1OP3#^7*8]5YZSKL&DOBSCM+9T%%ING10K.BF7/ --9A+2 M:E\2'OJ-IE\/*O#+JL_$)]D>MV58&\|\?>@F#@E?@<W%KT27*29F9]'NV(12V MBCTOOHH9+%^5_-$-)U83|O^_.OJB%O? R&C(E*@__=AFT?:O/P^)O?_) .B7_P MJEON<&9[@T8OHB!R8EQ939^(NR'[Z?=5CW?>Z;F:LV5'Y]SSP.T!<"\.CA;X MG.-W"\Y>CU8:X?08GX2Z?M^P,'1G5_/YE&H&<&@.%C6-NI%GDE.4@.&5+#C^"@5P<4>$_X]=^6_1W_!+ MC*R0OXWSGSC\2?`H(C_P68=C <>1L&O.4&E:E4:D.7KT[DOBX/E^4K1M6&H.7 MKT[DOBX/E^N2!:5JKOH&8$$N8-- AGS&,.(%!Z M>CKFFVFZNTHGRNG4]HL.%%N[6\2U!6;\0^^CD_X5)LD-R5K]F@=P0-H&:B)^ MT@,*=@UMI;NVKTADA0\5DQF@=4T(9ZJXUOFPPQM%^,*V?*-Q.E8MZ3:GW&4Q9 ME3.Y^B8A E[>/N'=]1-Q3&-I/LAZ9G. MMS:?/$5&)V_]^6:S)131ZN\V$9A_H^A^&M.9.BQ^?+DZQEN809C\O*\'(^]#<%[188. MB-4PN=BX:1MPLEQJ9S?|~=-MO0N\7HFL0X_B/R+;C8Y7Y#^9]7WS&"VT&-DQ??L#VK2??CSY=UI\V^+V!8"%] M.K@.;IG BKM>SGHN+L^X^1.#*TJ:UO/^]O8Y\A4OO)AEC>1,^>NKH]T<6_M_UJG@=F=45>7&9;I>^I>=/L1*+S:(B-O@-^<.3)A)Z=9M_%2.2X((M1A5M/.MJT8U+U<_S^9OGB_PXX"/\>(2 Y<;-0U17@<!S;>S6E_?\!;C(JM!ZG\!.%)0 MFTP&'NI*C2.NZH'E@^N'^,9;>U@IX%@U;IZ(H_=]0#'3'9\(OWVAT3T2&;E2KQ MY'K\+*]!1[3B4R3^?+B)NEH)^;A(O T M7VGS*MBWH.CCRJTZ4?_()%,9/LU';,+;>#TID=8V-1&!OI+_*OZ(ILZLLH@H M@;>;,^W!SW-9/8^A.%GP9&G^-47?0B60 .R'27V2KN)HU\@YWW. MO^.8K$?O_XR.\6)K>ZNP5(DD)4VN^W W;/M^@YB MTRSN_'522=M^@>;6(;YA!3. SXA[<$6GM!^.CL'%8IM!NIFI4.M?70)CA3 M>7C>3H\FFVGY=DPV6(H\W0L94LP5^K)HJ,48HFT'>W.('H6#9'+'9C7+)NU M69-9WFM:.7CL:U>9^&&V4.JO#N.I_.21KT&67IW/J N)#I-G57K)7.M'.61^U MWT0:COL(N#3*?0IW:.L'G/SJOTI6W9WPGZKL6BG^9A>XE!P-8UX=L-4; M96[.LPA6N,#F[Z>K,+_.+ET:<;EUD/0-O_Q1AM'B0@XS3*.M_YM2!|>===:3Z(ZZ[/E-TFS),$;SW%R_K,0)5B;'@^> M: IO3K@*7"=;O.=6L]!CDW<>H^L\2E\HH5/=|!ICMW:=14VYXTDASDTQS=R M%L8UZ3!3ZE.3T\Q)BSY+'SX#F2+ FBO^_O S$*QFAVYS>1+ZG:OW%:\7K)L M5.%X* MV9IQC*#%./SF#^#N? A=^V>+S#)|C@X7/C>2B1^)+3#@/9/4P%$^L MZ#1^.YL,06P-%JM(2Z2RB'B. M(HP.J&O3+A%Y4+5%^))EFE>B.P<4M. 4HI8#9F/3@H6B]_UH%#++6^8/$'MK>(+*8L$M;*%(>F@H9J$ #>>F8BB /OPO911#C0@(CDMV5WT$%4=#;4TO'G MF'"IF*-79#R^2*5,Y,EOE* #0[D4L';^E(:HWOAPGM[0^64$PTVPD+, M,9EO)<(_<>6;OY$#&W@%H^O'0$(6LL1!5"/R.&&0&2_Z@{^.W!00UD\|.+1[9>_M(.&|(^(}L*.\P^%]HIX@&UP;.^X/."OP>;@9*=LW!7)N=\&68B^6;W%"F MT4Y'TWBKVY^,N283Q7'*<|$N:(^]790ABD+D7[K3Z_I\C?:((WA+V4(""%8R MKNE!%3&'>GNW).Y%W2^.'XKQG.NI-H7WUG=KL!$MP>M9.EO MEQMY3H).^N#H8MC^]?.*V&6%&=&3;PUN///CIA!H!3'+EHLV'!QW6V0^XX?_@!E15Z2%=K^=]Y_2&Y&66=1O_*Y#.1R/^VH^DN_B#.A1S=@ MJZ.B^UZ5A2+MKV2(!:8YRHC\|*9R%?K N8T7PVVR+N$34RGOS)!L*G5G0|^ M-79IVNIB"^,.=PD\|E+*6@7<:.AGZ-RYX7*DBJ*-S 13C]BB=.|Y'>8!#. M#2=",_I<[.|KO3MS&7U:D!C/-UY$]+C&%0;#.4M C W^?7_*IE* M8^Z! (P.+&A.I[SDON_;_T9R%=SXB1.PC5!&1$#Y\'XS.XQ/RP8/V&8CI-PL\ M2F@1K#WD_1)FT2SM?]5#^.GZ)\OE@59V8IHA7EX[<_=T%\3\?"15!L?@OD!.^ M8D.N!^A=TAS<:.^W86%-*N-Q_@EL.%ZR%-T87WLIP".M+4W%M\NGO_GZ&6T^ MWL@1=ZKU-$T2@WYP@99)$-]X-JY-2,S.]3F]3^E:!*G ^UV00.WN.7.*@>D3E2VO'X_M_&>WUT^D8F-ZUV^P+.I2:G3'.^0PPOD)WP^D4%$T4C>WZ%%8H>Q_&G+I MV4^J)Y"<)93HE31S8^[MXQEZ.AT_CA837^VXBZT(%OYA<_B(9_%VM;KPNBYC X.3]@E:/Z$BPV4$]>/' MMT?@K<[JR0.7O$NTE7C]665<4,D^UU)7W\]NJ;@1:#P]?$T'I)#P;<3*^1. MWH'7CC#'K_?VJ4+*):#1(?AK5-NL+T:|HI=U?:,*VE4=I76&Z GP.OG .O M2@7H+M-.F'.]L?IHYD+|%L$E#\@DY]I]*Y,K20 LR9 M<)6W>3<.+>#4W9&'.]IXB;$6(!?#B)E.LI*.8.4+C?E?GH3WBW5H6WAO5 MI<'%"ZN^34+M2X.E^%!HF.!>\RS^KO3A>IG/^K5+DA!?@6Y=WOF!M'=0_%?TNS'4Q_@O.M>.WID?I5O7ZE(N//ZP#]\KJZ'AQ(=]9O)FP2OR)C\|'CZHC)A:U:>$&.S@A*Z2TC:.O3@%OS!CC0L\FN3E.+ <4LP9U:.U^SC[!-WSG$!.L'G[^]\)?1H)) 884H>-.NC! 28*T3L MY>I3<67:.MWB)\|2.V.?.YX0/5(#!VDF\M@<6C?4_(/%S7\B6)"G/%XA6_SX MAG8+E8BU8I.)|7!$HS6(FK)EW?;R68 MNT4_NL;? I#\%KT2I"6(W6XU!+/)D6MF5=^.:^/V0G-S!%28=NS2!?GYIO\4. M(!^A9OH?X1N-!?@^QB9Z^QDTNI\XG>JFVMWF>J4Y&D2T0X2M(=8+VMI]8:D M+\/VW=7V0I0H0&IX*IVN"1A/#_@>_.W7M/)DX.@E[N)=Fl%@^>^M1E[^H?+!^ ML%K0_T.BLS'<AD)^F2Q_DA%.#U#-JO@.Z]9X*I<-$ID,+S>^\T1[]9@Y4Y MYG.%%N8G G_LZU^5'€U5]WXAPLDP.3Y^0RTO#[?8?OL'S&Q^A3 #NC M;8CFH?3]|/+IWP.N/[D;GHTOU"URM MD)\&?7GZ[#IYG4TXPJ M/#GYFG<$?A#6D(+XW3I.V6J'N=(-B>19G;I=&S3@XR*HM5A.3)2D #=7-[_T V M1/O4.L;JW>.]HM"WKMS1.,TW.I"5>AS 49"YXN;AT@-_5[?X[S1)G1QCD>-MW$BD3Y_%Q?>JES'%9!6HOSFIY,/=QM MCU948TCYP==$K<;.B.EQIBXEO#CC'''P77@#*.YQCQDN@2]ENQXT5X.67TAD M.T?D.B.*; 7!9AW\W?;__)$,"&-#D!D!F2/NBE_+GB^1ZM/EU1+QF0UI MI_ET1@00(J-1EHXX6AFI!XU<:.A8'=,W^_U_U;.V1:.O11)5]<6H.#.%#*3 M"_H"U(.+.U+_M-YN1_7$:U%&'+]L*=FI H8 C3?KE)>2SOMH7E:KI.T. "WAG^K$\P.&[RI MCXCJ33+ \Y7U?D9|P9[%.(O72'DN)\K.Y.U$C>P@!<@8#1M-]SDVU%A*OFCS MZ?!)A2[_??P:@4M!G|<.6HG?D!@([_G/<=+|B14MS*YE@=MA3A9U($6+*>2/^-7Q.E58$-MURZ3.O=%Z"E Q\TB^:|T@<@DLY(|2_"U+;?-.MS61&3!5 :"4/EI%E&J(FYK>,%R)9/80N'#YZ=1!DBMGD)6 N>KTYIP?<:|)X M>SBCEI'Y:"W9D.8C.'D4AP^;)4///6?2FDD0.?B)1AB.QWWS=)A*N@)/PR+V M&+YQPK5K0E\ZQ4D@=%MB&>+=E.N. 0 %M%1S=7 0HH4E|CM:(=6JZ% @9/BY"AJPO$* 1-MO.Z?'W)\1&DA#YZEE+?2H6AS6(.'(+)?.-$O4)>+.CMC@HWI^MQ@C$JXG]R MYR4K!$[S^;8AKMURO3[=7CE? ^ELLR#H6V$FFFX5'67N>>>%U$5_GI_K)\BZT6[M(00P6J10-(5$T.|!&R8667 M3#*8$VGB.>G#EEIK(U7FOV.##QCDDYG@F>=*HO-*??!%OUM';,"V*<-F/DS:|\M% <=E8]Y1A_%%582_9^_/**YU+MSG'/Y=@<<=3$YFLGK+B@|=W! U:0:8S&.#M^M.NO>-,,,: 7CF8.|!/63[#F5_0?2B>R.Y9.<)F?IVMG4/WG>K.,YIM6>Z63.CJOCBXK(0P'(+.M 9KCHL3JAQZC"!WQJBYPQK=S:TH$-)MR.C:OJCB/-BG)?P.SFI(Q&NS3.)RM M.HF/O5Q[%>]FMMVDD6F)K@A08K'+;%#=OSHMY=F NX-+ H=.7*@>E93A36?IT MUKUT!A'YO9K-9-I:.#.%%*S#T^O?/P0)WPADA4$TAC-WZ

*MZ*V6)OAED:UZNXCL\$B^^Y%WTY@D/SS5P;_C;J4 +R%'\)\LO9G+;E],52#¥`M=S?W*_F7OL%K=TQ MC^&_<|:C'"K.XV61\!LM2P;*.)N]&6. M916V?_$(]W6H?*H>JUL_\^TJ^.KV(1HI^8I@(VW:GI^(z=Z$5M;*W8P/VXSS\`M)_KGWBT.2XP_'GSVL.=""$_XPR=+8ZP;/E!QB;@G,Z=\0&*H!`WQR2MC+3_.M%;;;X)(10EB^@F&XC69(W_*AC|F1_BY38SFD6{+(?=H+#=(R$TN'3Z*A-5,5<6*TI/CM.1/!>\"9\Q MA0QJ7U^VDL8.K>S4^APE)<>0/38,+:LZF+2EMFIS^:/ENU;FW!OC6#W2)Z9 MG?&W'E[2]77^>]Y848=N;GYP_=3L/OOJ5KD[SSB1V2X#%QZ.*6QO:H*O-E M-.;[.0>3\'F$?PMMF^]A2=HR+.T6C+#61Z14-"Z*4)EZMT1K*>*^WQQ@_]>.:79]WW.SP&1H0&L;D8]&GG>0GXE&I-M@>EYF37W>BCCT_$>50H0=75T0 :K@3S!6SN7&%V[HO.M7TU"]K{(O=G"2Y-M#$IE!B/8/A50Q2^XN_!)Q)D]V-V6I*HYC3&&3\;&M<>FL9T"Q$,*.MN CK],+U923H!{.J>B+1'33]K9?X/P"\A12^.\9$1R5PT;N+I]@X>O@VP"Z!-MOVN;<<',R$T07C%'U\)3O.:*#;_-GKEW6.7ZQ9%?4DDQ)U\)'/M06^A_Q\1_@/M3]'_:+>.ZS)+MH6C:*B(^(D1H5D^8BO1.1 1$A M)+(*!+1EPX)HH!2I0NH MD2X@1*2J+1+KTWGOH/;&$ "DG?KN<\^Q@II6(]+0/_1YS[H_YAX=N;:-%=Z&=_1W B0.F(^]OC+@'-/

=X\\$SSI57,A$53,j>%F6=,0$&/8\SY-MU8;KTJ&P;]Y^WDYG_$='8T,?3IG5(,VC)E-FYYS-J9VUFX@G.*&-)/#P]*O6^_M\@<3WWJ-I/8?!E||!F6CQD-%*@$!K+3^>\6(=[GA<6HN-Q'2+K^+5'>&8L,G M94VS _6)S//-Z'"/M./-SZP\CO<'E&S+18=!'\5F92;KGHJ?%#@%EE(SY_ MNI_2BWJ37^\LH(^1IA(#<,_N"N#2'.=ECG>BR=S\FVB&:R'SK\,?*]CB=Y,9 MJ^.:\XVY82.B+NBJ>)@8:\lL-^2D&GX1NJB2$,+5LW6K9-A.:\'Y_S4@!M&ES=M#LI_^-08;C>5WKl08=F@:(%0OU8K'(;PZT>:K.G,9J(:MN3 MQ>:"T)K(0Z!,(:)~OQ+8HF/[4+>,0=FA4NUMI*@[#"%;.'^]J;UN!?25N)P5>?c"@=]*]PW?Y>]$)RSE*X%6M$_C%-1;<4$\\+4 ?(N#{("!QU[0O"!U:.LJ:.V&A3@*5-B!M.C6Y(CUS1N1*-MDLE-S>H.;*9YS_^9=ZD=LY&H5ODFL2.!-O6PM6|&?G=%IY67Y*@;)7&2>)MWIWN^-4\4 M5"4\Y_;6'(UH-X5RXY(8$9:7SMD6>*9P5=6[VSYA.H_ _M90:C<^HIB\!I_99\UPA_EW5O/5GBFY(BJ M'&*B*KXA.?C9)D#R_KZS+5V!F9/C:1R^BC/K_\F4PV*B/DR-W60V.IY^P M&=TIM_G;Y1+_5?1<955!Q@2;Z.<-,D@D?C:)1(5C?"'?2 MR:/ADLU>S6Z#[*CNfX8%/3$@SYD-X^D\?UME_\(&F//5@2-BBN MK'T60TK;HK&/^?Y3(@JF*_^+?;3K&J#[^,)&C93T>QBRYC5. 3^-B M+B|ES-NK\N18|>6;3^,Y<59;:-LG;)G>,O4690JOSN5>V%\!=2"=D(=B,_04 MP+BL'WH|GZN,JN+0T/CVS2HF>\AXINVCKV;+X,#N=L M5?.YQ@#.C$+0VKBD'RDGCPU?0$W=99)LV)K]U@=PE6+^Y=\('ZM1W^DS'/3D M30|99X0\#M*R&B/YMPH@:RC^A8BD\K]9)3.5DMRO9AH5sIYOBCL`JFU/T:AZ_]*B.T M";%;.&_4Q%M:J48!2-K9LC5X,*D-GOG$oI+%BEQ D5@H ^a*G&:."TW@X^36Y-.M,|U@)=*R4 MB3LO%E9KYG=OJ1/KN?.)G.V+4ROE58C?A=M4'5IW6'AIX,YB, M9MHOPZ+V.)@.?CA=.|-\'6GIV?G8C%A57MO A3/D8WGGT5T0!C6:XQ<34.3 M-JZI#7%5J M_TKK,&'E^%A(7}>INIEQ&8:MA=Z/O#9=%3+B4M3E1C19C(^X+?s#^:>\M>L0$|'Qs4X;Z_MM%0ME-5_A'5J+.N^<^3_^F9F+[YKQ.IM 3'-[.?OT6T*_MW#TFA86#EPCW_:I2Q{fW$<'MS:0"[^:.A)[\@3]4UD%-$!/H<,'0!W_)H-:2 MKJ8K%3U'44]+ OWB'5O%<-P_#GE DT:1A'F@V,P>7O M_ R&NFADU:U!D9/(%ZS.LFV&/P1^%&ZF=,& -8TETU!)E6TZ6CHKP2*B\<"%+WQ9!9.(Z,_"TFMZ#F$YB^5A%&E:. MR>Q'R(%=1F^5>CQ'%SK#/+%8F%*E(<6\.'6'B\(<.1X3T:B5M+/?<)+FE NC$DU&U<\?7-N?16;?"HZ"YHKO97P&<-9^$/9SY. ME-@(LX@452"VF*<@(6;IH._7G?%;O20ZR+&HKUS,M*:ISO<&(0*M6VP)>{(U!IAYA:0U!+*Y*T5&/9(UQ5K4@7_,I'&E]=TD-Q M"TM(=_-U^*H|U'\%!'5'S!D23Z$!;6KPG>I(@>6F=B|=T<BNCV%%%ZWQ9YX32 M-?)\#33!W!;RQH.Z.%*T*UXL3.UYI.(-) M+0_7S9W)B9(USP"Z$|G4<#C.A$]YYZ20D.]+A#&ST/CZQ=$@'C9-..\A>N% M?*WBX*UW_MWD"T^H&)J2,^9+$L.RX?!. ^O11W?|K9>WGU C++G\(%!*.8'F MUZT^V'.1T0]DD] ..R)<B(L8CBT&Z6G6G]Z.+TWO3%_7E1?,"T^B/K+<_O MKTCU=&%GT!MVZKWB+;50(E=PQKH?0$6:WP5YLH(+L8[EY_DGF$IGW"JAK@% MB7EABU>,A,.I'=A38EF5L\B5F,Q:6B=+89B7^S!9WM%/%Y(@"L.R^I#=[FC__Y2.[.=+MADJZ.FK(.M0"_2^^OP|=V3+6PQNVV/MNWS.3XDN- MG0&GU^.)]EZ|!^?#@-.^V#^70^7L89U^CF6^1S^C\OWVQ6/BEK}HWJV>~_Z+ M<[WUL)Z'K+)/.0>\MK[RDK;B|HJ[7J9(>\2%-.2[2.\3'3NG'-CC4H1X{(MZ_6DZN:<13Q`9?=_OG M-%"XGY3LK2!JR\RF[HD=(+tBI\C#_'>'5[K_MA)LO7?J.L!?SE( OY]8R5?&"L1&YECREM_$$SOP KZ[4QF>`Q+$+:Q\^7%\4 MNYKF:'0:0#&(]+X+)ZGL6ST#957;Y_69^[O|H:.WAOG&5_XN'$S M&;.GU&:OlV3A_0KWFHPZ(XQ+1P(+"0.)^@IP;H@UE7L^@^>6ACl-]M85AG M9C;.K?1B#2IB(U68G^ML@W88EF5?ACTS@S.IO#RD -R9ZWMQ0;O3Z.\1,"N#/ MF8_U;7_\IZO_P%@2!:(%(I\9.IO:I?^B2^^Z'\|=@;N| `G0^WBC=MC)O$?*B;"N5M=!]HO(H:L.9^K+5^DJJ.H8\|C,-/LROG**OK3"92!G?4NT.(@"M.?A|. M/6Y5CBI84(BFEZOP"-X7)N. C$S_.20#53S_.B?%5|<'-]KNIJ1Y MI27W?f@_@Z.IPD@T9W(VB[_BNIY_F/YG^#QJ6B>,I?TD M+CZO1-78/6ORQQGI(\XBRGN^MPQ2`!=4&3R.^PQ.J+.GC[KX'Y!3 G.YU*4J MVL7D)_]9J13\'X%P/3E_267>O?1\D)+1{'}:K^7_U2DL.TL8TTKDBFM>"$6SH:Y?&S=1FIC7[MV9T6O&PB+NP6B(5B?I.42'0M06.C%.M6O6PKVN0A!NM"'SO/7%'SEHS:O5."R?TT(_+=?VC:>UYF-J:(.(@-MAIS+&6 M^7%3E?\BQT^X$^MID#SO,.\Y-[.(] J1*L"-V5? ME2VO.#-HM%E9Z+/"_M95[S?:Q(SEOM6A]?=8, Y'3D@B3UBP\2U;]0=`5CI8 M8B?.@ =7FP*8Y!.R-H462@[*SRL]4L:<5?G5Z1=-NYE3+_(KHC=(1)?G,]+J'!%V',RV#*A43V 06@&8.D MN.(CC\Y`66VI5(H!%VP'<9/S#$;*=!IOIE^2_L8:G'_QI!M:!?ZHJ$E0VYKK M\%+.D,SWV)/MU'"B3)@/HY_5P.O$GL5SV+HY_MHF?_+8$T!3A&B /&$>#X6< MNN.!S6*,+&D6B/>;.*\|^Y0MME 4>D+W>.2Hn J9.5W34#BLE:6"=YQOQNN(KMG^=RO!%V_C#7Z_^)^54IQKM:U*.&WG@S:._"F4EO6%3B=3%F=^C12+^8MC M<:+1AZQG3 M08--G^.+.4))PZOGYKE:+."#P93>1'_GF=M=T./,/O7(!?:L&MV0GV.L!?5>?0.?EU1$:.-X CR*/.@T?-I*HUKOZW2\". M8R-N"F:VM&4S65%S(K,"CZ:A&36^%.6>NY>S.D?TC6O9HJ2.+9KKP3364 MV1{J'=[YL/..MJA+_A9%?=@4IX&U8#M0O[=^2974216\G4DC:K6#9@'R\ ; M(XM)X#KTX_X1G^H<.Z)1.#I+^T&2CF<[E?N6:NTA.!4H),@PCU?)2)>J/.&> M D@.QSN=U.-?!>3F[]9QEH840.)H]'O3]47.UB-X.[;J'1) M <"$UB@ R9Q(T"#2[7]WZ@\0=-$4!^^.?UC06:8OFO1?.[2-.4GG9]=U928.&58^O>R67 ^.PP.IK. M]H+#-(30.=WC<$&K],OEAZ-+)^U#S<$+*FL6T M.#.3N 9CFC\!)Z]$A^Z.=[!WYG](&X#XR@UKSB?W^.8L'0=*:?$+/L81R&R)DH M928HEDXLEF]$9%VBEWR.*MEW&&K_ZIF+_\Y@WT5OBAU?)HK.+WZ?R"B,.Y^].M-CZ9^6; "[,2A-6]'Z#N^.^'X'"%$CB.9#R9D"#RV.W"DF.6(2+ MZX30!NK=",.VB>N:-QQ5/@.3'T3)AD.INSSGI.+G\"\N(.U:=MF"+3"#4]P M1GI_Z"+=+Y@(9U:G0WZI',Z8EYIXQ03UTQ^20;@#$Q_'<< M^S/F".A.3ES&+,(<[[MK&D^)S+<(%-*)+*+J]A&R\69!62$9=#X&BLM9Y,.KD#=)0\]:7 M85.$;@<3?CBRK90H(Q+S$1 M-;,9C^47"G\AWWXV0)[&4K=<("\!0\R#,=AIR'V&F"Q3>|>=# "M8WP=N M@A;.Y/IW9/ ?[6 V31'HEJ4K]Q?I88<>VY!!>-94D#SG3=V9#DC*87H-E2.$ M!U\A0G-C5-KKG_H:RC-4!$U'^L2/I+R>K!87#3M>GWD2\R=93DR?GESKSSY

}?:VUZ>KH09&FEFEMSK(^K3A9EURJ$SX,_SB/R[H&_8]TA*O$ME(T9N;HD|-5)/J7H&I$[|%6QYM=-7E8G|B^_:)XG#.:>^N#HVN&'MM-[(P)+A&&"O&[0<[B]A-V',X+D2$"W"X3U_UAEI. 03)0V7F.0@@1DPXC/M=6%PB!U>LN94MFV>3D_B0VB>>&(|/_Y2(=#O3D3L.^27YU1K^R:X MXN%(HI[MG:LK YYI6R.!?$C54DOT9P0)H"%KHV/9"|0-]M=H)I>.F:%,D.I8HIE.;<MU_54S<%44IPLA1Q*(?OKL->5(8TL">.$(U%.G!E05X9)09SSA+.:+?S!$<%0 MBFOV?"9?SDF<_I4AD:.M1C#)H DBB#<?GDK=;0L7P5%RZ32YG(3:)'$O\GM4D3)%^"E:,L'C=P++I=GE%^ MQ7SXI],.K?FSJ/OTJ3+5Y'U!&4^]"R)#5?G @@ 3N"Z#X](D3EY.A.?>VW MU&?60Y17BXV.!LYP"0)/.\M87QLD^^55Z5\#$1K?6TYNZFIOT]D=)?YWG^^F8UMA3.KQS-DTM M@K,%W*AMUNDQ(X2U9X6Y\]<40MZS[|2?:.L?Q+?"\ MV X/PKL]HA&MRC'Q<%X/2UI7R(-"5A0!$=!%0@6(Z.8/M1;/64ZQ.1 M80/=77:UVTR=.P?>L^^3F>I9 B4 A;>?WLDB;KC49^/MY\I$=Y< M+\D?"CFFW);WZ.S(5;>@!I2.L CN&]E'/X@.\=/^^&YYV]+#?XZ_.+:/@ME8Q*K7F[A/NN15\6BZR5EFQ_^HS?L-P*6&BS20+2#/*U<]P_S^>)/LNF?@<_.!MG-^(.\Y9MXD5CNIZ[G2R>A[80+^^YZ:.SBYTS1:OU#5&#L:C MCWTP0U/U2]@0LW?!UZOC^:)D/S':WOI5EI'CUV]PE?]C*9@7QHf-.P5OCZ#)-M#&UFW=;.-:(D=?_H\.N:?$+)95N.:7H/@RH.9X>IH>]&L 2OE]0%6>B.65<M!^K+^R^2A2W2N-QKW[BV]L&'FY$/<-.|/5:#LAXC34R257[2.SB=.-.4G:.2 MEBBHITFMC3 :?6\.N2BR+!U'S3 7W2<'HI#1PD0:2L+D.H6#8 M6M<7V^OCOX_6RO4>0^&9BSB=-./?0W7YH@64VRWB0G:.NH\]Z*O#.YV(0>2SF1I<.7M<$?SR;?HI7US*7TR'.P..:N7E0H.;Z+'WRZ?5W1E.:N4_A6?D?OHJ@5.I_==.MD.+'_6<]U&^&OLKGD).9W@OC2HHJ416H"*^IR=3%=RVM=.M$):IW#D>5%P\C#!WH$U1(6&-?O0$HC|:JO7UBH:AJDN$))/A_-M3 M^'[T#!.:?H94'0A$Y.IVY.OU+T83#0.W)LFE.=+/'PJQFGT\P6=S#0:/'+'MJ,_U89.21^]C:-'.>5+*]IR;Y_.Y^.3VVU6!.RN&@I'\I3$-*)UO3TV4(]* MB?BGGV1@3,7+0_:'5A1LU-MZBYX-M]DD'2U(\.XI(:7G6.'0$*(5 {P_P MWL0=U)9]A7%DNQBL=&WVX3"-:#!$758VY!EBN/R$ B/ZNQ$%G#CMK_T6<'O.WO0$03]\'\MY M_FUE1).A&$.ZVO(U'Z-E.HW!FI.ZYG_>E&5_U$%.M:D0;."9+$ ZYZI6+A3X^Z^]W(35A-R$)[FHOP):%AX9I+CX MM%/L:;XJ5:C/#A&VP\UCL(d<';#.F0"96 W.%F_'&/90@AC 3XG242OSTO3;O'#O^][(_YT^<)+7TG $';BN_=OR.%_I.=3DX<3L1CW$!EU2&_O M^SRYRSBPRC-9=8^.YGLS#%:. FC_MW';OD_/4MMXQW&A^:U6=%=>,Q@8NSAD&*#\,YC)&YW1N]X{5/+,/E_>> S-M4"[|_Q'\@\G5W314]Y;IU"%$3NMZ#W9O,?G +#O<607^#9C2&51JHTZWV M'9M^:'?S;.[S]34+=#\(\%#}/ E]-3Z6@ON>S[$ZD^YKR6/?:CEWA5.D#BY|$ M!|.R+$>K.^XWF6=&'W3UG_K#EV+Y@]#&>Z:#167&UZVW^ 0TWI MIFVB#*MP\T+8[N6@"[YC|+>%A_"TA57ZRMY'Z\+*M(#N^_2N:#C*M@RJ&4W#' MP%&*)!) (Y/N1P*0!5L#6\-@AT+PS"<6T@VKN Y#_ 1!H5*.N1+|D8O6Y70.@5*2I=#OY(+7+I9B_KFL<1.:._N42.!?TWW>3>M@8B0@D6X)=%1* O:S M%#'U1_KAJ%^]>%OBP3PQ]>L:MUBNDZG"-KY+_N2'Q.W%=O?"OQ_*C|2'IO W ML.I(KVJ6^E4.3_CDW=]IA!4<"3U)[5>X\D+^[*)F0S4IV-(."$H+T"P^UU M7>E!](U]+DF3$9G#]RS:<.(6#=B M/X>AN:G-OB4|#=+%|&/>BXZ=H2'*J8..E.)HB \1SN"0B_1YH.J=I.A#CPK?? M:_N$C)-#$>V#U$*/[=/B"'695P*BYX9@%XMQ8?=18)LER=NB)|CRG)C]9K]|:.L5W$%'HI%BSXRZ6-#(\ZXDC !3+Y<4C.$=_=M:_#@?C+T] <7>!>4HW'*US./.&5<@RD.E!2W+4c<-05C&=]5@D=&K<+VNG%9OF! 4._OE\0WP^:!*\.4IPXEGI M73 M3_OB#AD)AWB?P_/6&7L#[*5ZZK1A.D+#H0N_2|2B\4'=+%>C8DP MLIKA&J<!2A,.7 02\B-N5ZWZT+'Y9'".NA<\^P+@.Q1YC?.1 ^.M(ZVE"OJ,$ MYKD-B5"VI. 1XA8U?NN>.D4C%MP<8PFZ.'.L$"M)(WW)\/RR9VV.P.XM36%_ M19#80>147,ZB>%0#;W!5P4%B5.HM,%' |E%&0DK=@K4G'.KM9GV)3M\0<%'N MEQU:CC;6XGJ-VSI?+ZCIR>+6U:WG=-.'=WTTOJ=-'4907 A^$+!$7?]. M\H:T?>-C5KC3<2M.WX^QQ)L:SK2^P*!2DO*<(/[U9>/P0&%#3?|2/&^62GX>UB;L.R<9Y M;U>9/P0&%#3?_]?5SU3*1?H@SJ:S5>DXU2A7!&'R&%P"!+E@LC6)'3C?C|)~M4WO ^T;.^(#A -$;]VFW:V\!HD.]!UXZ0M%ZT#SU9_/0'T.TM!$RO93M|+D!2H7Z>Q/RW$)>&K[@ESND[4=AV EOD0.0G++#&2PLNRY0BFZ0CQ MV0%+.Z.H_7GK9"YB%^WL_*?2UW2A*^G\I'9?D8OG%?0.OG6GKS)%2O=%.M:LDH)0P$X#/UV!);2W(_[*9%OY]HD-\E2(C*BUMBD6LI\NAK$G_C!-PIGMT%.M.CI +'7A$PFF!:U)OWH4V G.L6O@6. "0"**) }8K\|2%]VU3^-O)M-MK@P M7!=A*T40CG^X6;=']|-&8=;"#OI16U$<^$I_V(F+AM24[HW#XN/5GO(:?F_M+++2Z207^77<4O/46?"(&C<4<5LE&20>*Z5%"52]U2X4\$E4Y#+I&L?F5KW4Y M%62;U$<("20:.|] fG^/4B%IXPYWT:DX">@B ;_C-'WU?XD;2&9/RY;.Y;-.M/"!4_EP=BORL#:)$KKY_KBJQN]UOB8I%-^FI"1"E74I'E'LI[[&RV2S2)$ M2NC7#R^&O!B$K_-YVH'">(6.G'^(9KXB#/8F>]$:I?*4>9-.EV'%<'4AP0T.M.R-#B++>AW&>'+:|4S5I?A%PUPNC)SCI^&DN=-)!L.7O=%C:.AO+6NIV?-0J4 M%>]-@R ?T>&E\ORBIL%|&<:,30&@-)<C_2O.+WV2MIXV8YIQ.0W+?QAE'WUW/B M-6GH5)M1=#*-B49.V TN5.XX1S| (1WIVV%TF_'N;L//|=|8W!C".%=-'@"!>.M2GH9E|C5EJ|,.8_^#D_FG0R2)T-G3IZ+5UD:3HN+KY.\|JBSL2##M;8,Z9*.MW#GY)>S!'\% ^.IMSO|9U^.H3-EQ@T:(9CH:S?O%#&@8N8PCRQC':X$$iW@;SE M7)^65]=F/%.LAPPU.H2C8TLC6PC 9S>RH+W.X:=O*80/^.V?D^\"\O@.L>W2]4O!%Q+%Z*6[E%9Y_V$+06]QW%E^^.AH=B2HMP2^:,$;6 JE%OD9-L]-MPBH4IU6963$XYZ>=T;$-DE 56Z.@"NH3$X.Z76CM9:4S=ZW4= M\Y$':BIJG1"W=FC3EP.W:?=\]WX9Y1N:.,.,M25!E7.URWIO|3N=&^1.F6 MH:/G-.@-MBE\7T1\|[@BI_ZL.2KM/AZ*T"S]6^AQZ^),NX=|1VW^O(K_[M&.I TICL3>SYYV?%D|2\Y7$Y+M+=+I)TZ^ C0!"MR&.10M<?>B&N"@:1962 MU?Y.|;.2.79AO\)0VX:8?6^@H0@[@=1AM%*$SOO!A?W33M:5>YN0.45 MNMST,':+T673A?;.(WQY1(HPA/1V?!*[0TYI#.96$--GLO3#GL,VZMQ/-'-4"&9 M9R&>C+^-1%_ZT9"HJ6D^:H64F$I%FB3@47*W4IE.SF:*K$<'7_"##:&97$*;@L3>8G@R)Z)* I&Y_L&:R$:RO$WQE"CR!%2\0^Q.O+/-.TY1.YY*$/ MDOA .W$8/|@Z"BY7TGCY>,;5Y=EA>Y MNWBG[JO$#W@MT$MV*JXH*FT<$EO!SX3=H<.M:+.T2T*!9&5$+GVO MUMSA#^]97]Y1.8E$7_8B 6PP!T*\K+7@/!E MO=V]!4|=_O8]!=)AI6WK7-L4LEDE.=FDY>%A8O^.%OKO*.YW*|U?K\Y!F+KT M43GJ#|.9Z1*:LN&%WLNHWANRV16UL3NNL5W\@@1%UPPD0R(=ZT;F<-9*8!(M<;+!+!Y=2OUX:$ZQ_MF-#'?]0OAB+(="IP"<&4?D#!2L]O7E=8<0@@ @@1<@4\(P3,FDOUZ.0\5 M1+%4)U4S$]I27IX8QL&QUTG XLQ$N=FTV4Q&GO&3%QQQN4NL MO*.#U+*VGV1(G:S\3GAJIRIY1*R^VPR#CK M60[KPY4TSY*1:QI+27/?>@>HH1;\6[%.TZ_C|K(VXN+%W.7(I==N3]FT"AP M9L^/4U)=L1*.A+VE:BFO&====H|9P-J.AL#Q*A;.T"\A3"=:.|H\"2_.=NTT#OI-#MCG;H$\.OI$X8#+ =+.A:ZDL$S2&|V@F.FTQ M|9MN#W#T.2FTI#2K>B]S/O^N*+A3&OR(PO? 2@4/GOSNQ_>|4K/NTJ^(.7A0U M.=_A(Z&V.O)3E5#D%)*TIQK|C?(46 *^B+SC-/GE"L722DGIB7TF P?S:W!5O.D&=7H=_KT7IDQ&++>EDRQ&S4;7I. ^4H M~)OR7.3Q\NYL^Y-.2M*AU@8&"!5Z*B0(^"/Q.'0;IT74G 5@XY HR>6L3 M/.6:C3.5/\U5P_?!:B'I(*N_"FM9#!_HE+.\##WI@5S?9)|E#%&="GJA?B/U-MZ(@]:WG"UU:YX\5'|@-!_AI+&AMM.|@Z" .WGIF$,.+(KO(S_.!-/M8F?!0$"Q.]@1?#0D_9NZ99Z6!+1J82D?A$]X:? <=U@;)Y\/_%CL-_OJL MJO|D0C<.OPE3M\Y.*5XL*<.:D6]I*>.>JFZG-#$+40*4="..'/&)OAG\-#\ M)>1.NM Y(4R/.E]3UFB?.=.GU=NK.F'3HA_U*|CO:HFR$1KQ)V]MWR6K_7G>.M M|QIGDAY(Z0A_+2L9>*+Y=^8K|DIDRT$/+%|(*_ZOS;.PZ%R2M .%Y<O 4S=1PS7]+) -/2FO!18$?XHG2.U-@3YG5WHR MX0)9J2F0MM3S*P*$4VIA#5KU&.?OYSG1LF7CCRR-R!2HJM=X_ Z)!%QG IF MXR2\.E#M.8MP#5UQX5GX=3]#!=Z) ;1D<53B0EC56T<$5R&V$6P0U!@<0Q MH7B <=B@PEN*]H$!%^VC???B7:J@>5&%)-L?.,&9HJHOPIH?:$5<4)*%[BDC%M3(66.O%ZK@W5@H*"14>95W8&VP#RI5O$MI(^)4 MT0/TYORSI6|I?9>$?G>7N9)O2.V-*T)1-LBHI?5:TV*C\)U$EZ 5.;1=FA>S M77[0+9HVB<>3B"5[O>)S=!+8*28W?<.$W**_V%?IA'O]'B ^5?|>C };?4 M3;QRT#P(4K&4)%#&9?BMMFTI$X="IP"=%=KX4S)X0VIH:9? :Q221e_C! MA^$ND>T8B$A?C2FI8%3@D#C-B+|fTDYB9)P-$5D3B"@1A@E2A5R8$+O8CN1.,BM MXBNA[<@I-^D+:.3GI5Q?X*):-$PZO^KP0^YW1B^O#5'7-1D).[E+Fl!DI"TA-MZP Z"VFO:TH+@4EY7O9.Y.EG? ??K M'>PG%9P4Q^G-"=WA]NL%C%B]NA N-YT'GXH@G>9U3=7)82!.M\HO%#JMQ00KP@.LD%C*H^0EEN.6Z-SVR<(S+PUC_>(-5E5#TE.7"% M]3WUF K.5Z(.:2K6'GCI.M. NOO3E4!MO>D2_>\60I^:<.;_>R=(_O5!:A^"MELS!SGMG(MC8&MW:S6.H3Z(OPB>.AV=CM4Z-<=*(15]K($B9'KC$XRD)F-I. M ?/16)M-Q%# U.0XGU+NE.;#1+P*0^97K2A/_68!'30Y2-.7^<3HU:.#.B^ M0>)_'9#DJS>.%NP2R7**RC(X8!.)2;41RF)$LU55<&'65BAGD!NWJHHH! MTUJ_;$T56OP.-I VJO7!VCS_O.?76O0#@T(_E:?T2SO^<3<X_:E?GT& ME[YR8|=[[C\3?$PC7(+(H"P]3[IVO@]AA;&$=:.9W]-]RM"$*$>8YF+BQ1HILD6>Y^O=&XZB(.*??(4^OY^]*&KK%HROW^]&,* M$B!(%9/<68@$/71U|&FD=9CK*HJ6?IO-S\D+HM(>'0)):UW"#XN)\^SD.=Y6W M1#5+G0N.U=?%ZXWZ_P1FW(@@_+6L)++($%6R*NL OU^FB/\YBB\ASP?IDMP1HU?5BD<;FW MR'>*6)15!.4?)&2Z8^58/MW+0)E:\)CD6Q3J/^SUPIK;Y.*?6O0*#D.'FD;Y.;L-XEFV?K2M+Y-M N3W/UR0A)UO?&-E:0X]T?M8;9HGY/73(@#0Y89TO;-C8R^J3X7@C#:\SV\N|CA4(M'O+|[U;*|! M&64&=T.&;]#S6IYIOU>9]YO 2S2=7(Y)39FG'(B%_]IQW^.FML:G(0 MR%P2L)#E3@-V(ER.:HGOQT82<$\(4 0;<<>(3 7VP3%D*A >/'*9!%RU01O M\N23@&O?(3(3PZ#*?GC'M<_B)1CP\>6MU1\PDGSQ_8$177<)3?#BLV='PHK MC2>)=I=?*A3VH#C\\N@AJ5<2T*8+1>U?&$'!$B0!3:IXJ?%Z$G"Q1)$$7(=C MC9=&'YX(3%.Z(:IT|*$5C485 M6F"IZ'-UV6. -W:)HX'SX@#?K= *J?Z M@)<>&<\U+2/B>@:"OEE@"SYZ@!.2X3 M7?&ZB6BH&(?6B++.\@<V9'#?J"\UGO3M_]G[8M*Y M!=AE 5=,P M%\<5W9HCT :+.6?DDU82T^O,/0]RV%[_VX]2 .(.(!=N|&UIVW.>E<<>G=G@:.M,*6*N<VJK>M3S'A9'0G0$59Y89#BOQ%NL++LZS,,.+(+Q",A:*FZC$N|)?^=9Y MYVK.|8YH-0W,R5'UY*S&*]"3>.!WQ:0W>]&IGVH..9F%HQ0[GH3^]z>#N$1V9V#AQYK\3 0ZY^BCQ"W_L.ZLHG%*?O0 MUY^2^,GI'R v CK=O$: KEB<=\%I/M(G/4BT/HG5^#\31@)07^FVK%CWCIRS M(O5 N^$##E1E"?YGZH>N>.1G2[:(O.ALZ#G6\ >A9VS%68N0"+PE@QRC@ MMT[^_#4.9.;)"R>PU)7%'Z.\+ 4WIOI0$FP>OP;EQ4V.TA=&-Q/OM7$HVAQ M6^*^B7 ;Q@F&6%E 17CDX%=JEQ2XT^.Q.3&I7<)9&L6(GFI#U$Q%&:]N[SKFR MZMX\7I0Z+6]CVI9R'#0.2_//FCT.V]%UH 7/F273V*.'MYQBFW_**@<4ZI" M7]%.1U4.MR!H6U._.WT-W-75[GTB **_I"MM2-UKG"]\V_U/? NGPT_ 0_O&?.M.U3"49]1%.*$2G/0KH+0)7#0%^2+J6F6\-NU;E/Z|< _PMH@-.N.XF.$W;7;HNUXRMP7D@^J^-7GRNJ0&<^>@<'"[.\AN2P%(_M_KAJVYH'RGW]DM?UL0K_ /[S'U@HN\|.\Y.#6H1/L/;G7IV*XEYXDF+**S2 4.6FJ1_BH=.O-ZR"ZJW^2V-.-O9.26M\|._-XH:\%/Q5 MYCX?R%LATHI(5D_G_C"T;FRA!\697$0'9?5F. V@)YT%[=.Z!1+.;4B\NQ% M5-YA^CM^LWKGKQ>83LV=Y*RU!@M)YOEWK6)59':=L@F?=/#[-M4G[AI^%,FI" M'&?.P?1XA&?HT\<+9LG)+9U*4F2?.D/?I:IG!0G>"AA49]3^WIX=C0E8 M1B'P9UG]):./WONTT?I/%.R:V?WJ>':WI,_4:]>.$0C1KI"" [#1(I Z?S#-31?.0)AS.\=9%%S60NQ4LA91.V.9&/_P 9 M9_)9V+CHL(P9]%[-(4M!+9[^7C=OM%U>]:!TKHVB6SGLHIU&KJ+LOTZE1E-2^.%!5""8YEN?*7?.3)),SYM!+GAJ%.C6T_U@_J8P'NF0C3B MXN;>Y$OK0%_76">>AMU0YKZBRG2O?VD[2M>:FG;KU^?K& MZ_]M6+_KAN-'X./F5,@(A@-"0#W]-5-DREL"0E(*$,+$@(FX>N>IFEI#K]-ME>.<"A]\7_9=XDCVKUOK\P>;|R=!- !HFJH1$1<7F5C<=IA(^K&UM4W$.TKTVZVIVJK@0$%XT2V-B>HBWM0-A%D)G9-&>]7K%C0+MAE_HF&0.$<#75 35YG MV2CMV)%>;z,79N.++P 9VP0BXUX(^*]7/3R&W6YF8\HE%;#5,>+I(KIW%[\H)G8LW,++!6*3.[!/O1 M?*??;$12RLPF(*92BE_+K5"APA3=XI|/?>HN.NCJ]KR!MPE@PU;W$LUMG. M&AFV1H:&_-EC4L.>V-UD"4WVD"X^& G4@TL3E4NI.Y.O/GD@_Z1%^JXIG^T) ML.#%C -%`J>.E.I$[_=S3P_ZJ.CT.P6T:^WXXB"D4'W"\0R5_%P)C9T^:Q>.X:T^D5(CC;_*N%"%2Y-%&==1.(Q**^.?:!|_BBBBH1=2-\>_$ 8T'LKRW5-I2 M_K3)!R_KCNS<&^N(W%&0/(=?(P.0A5BNX1(VR A4:G]#Z5^4P\6"'HX'G\ + *%[M\47_K\3/WEVH;5@MA\0AHV./B^/B4%-5&S 2>]^$?B^5]Q9WNG) M0&.GPPH7VH84WEJ&TE.M ~86MO%67%NY>%2iE=XL>\|\^|>X5B*$+|T&828HZ2EBS4D6/^8Z M3|\BP#=*%T--3U()>N*+_>(^F0U:0OE?%Bs40)(SP)1 M/M-++N(D,B!4>-V+M01_I@] LX!KPO [_V^?>$)AQF^.V0T0VXG%=4VN2&T%\'M"]IVS@@ @UG'5]0/WQZ'3_.MT6RNE\0(B=P M$XO.ON&A^4(B1%)P)FUE'3M%=KY+++?G7^?D"LT(?V4"3 BNPL3B5V6IE4P%YWS6-25!$Y =9VFP"]E+Z-#%%ZM12V^R;O1L:3AZTYOIYD"#DHVPO!S'P$BJW8-^M!%2YP=]B$D0G;%]B8?S M5WZOJ^B.LE'.3V.EER4:AS@0A MV=1/L"V$.W/(GV)+,ZA3A@#Y5[HIQ9OIV-:?ND;Y07 ^@!.^.O2-1JMN%9: M]NGNDIW _F[RK1O(O6'W@3(,?2(U[IJV7'9IXI+<+!-X(59)H=X$)_"$9A=)TB]K7NLV_*[1T&UK of M+UI<^-XEB_X_ T4V-X MBK'Z.(#?*|<9FXH,YW=WLBT?GU|-G9C.[_"O\<_ F(!5ORV>+QW_ T|>$SS(_'F/__C2-R/? _L_(/S/#W=?P*WT6 MBQ7X6 BR$AS\/EL|@=63 '!?%O^SQ:0GB M($+-0Y1+?Z29P$***$$P(?D*$4UCF.M00)F'-(YDD&0)NGC2ROPE.51 &D0 MQ:Q'.$<8P$QS1F+N? JP3*M%Y|%/_^B_Z"D%$")MRBKO_|[GYY6J*Y>__/++ M#[___N5B\|.A(%0?Q+|^D_K3_-X^#SO\?5IT.,\2_5OVX^6LZ.75 M M&_[RGU^_W+.G\4S@.%&NRO[N?L+\V?URR]+1E85ZKU\@9.?T"^#S<>@_A4. M(QB^2 _Y\|C_]Q-|.HI:C&.|N1>\Y7.T0F8.O@|JAU;Y'>6 MSV2V..V;=&+-1.+.D-#.-#0|2H?J?\|V4X#?-\AB\7B"<W+@ H0N_\2@+ M<.__?*^^B&/+J(UTM-BD?"+XEF'E-#?2<'+C_.EVON77O$GEQA.<'_^M@@PJRGH4P628#]|#@8_.NW'QPL'?=#*;.13U'>9HKV2NN6) MGEYVO"S17M%VM/>]EG]HFF"BJAUPN0.S9.B!9DGOZH8=G>4%2E4*<2I*<8!I_.@01@0F&>20HRW.T38FJN#5<9\+M%WI#WEZC.YG_3YMNK;<4 MULFO.EE_-?+0MBVIV7SV(#W*MOO,)(9QY@@F =80B13

*0E!$8Q(EH4"8X'2 MR/NUREB.FOE]P!F.G"'7@'J]41K AOA$BT7? MG%=K8 R<#'^86#H8Y\-AYV"8">KF7/2L/9YC82;DCE-A^,@05;IK1{$@9!P`M*8,1C-3!$F@F-4I"\,(4=-8D%^<;(-# M'B#R7/$!2%Z"%$2!''JP.(,>6A\S''^^?K@<'<+=8UW8*E3F& M&2)ZZ#=2$8>(J)IR&4F897$LKN="%(6X$0))&//($$)9G&<1(YEO!YA>&<@.KW0YI\L&$ 3*1,O@<\6S47Z M@>M62?]PV&EH#Q+I&Z\+):8]5KQ"X]97O?7+8M=)05C0PXI_;N.URG%6**= MJBCF3Sb-#'@~,-+-U?M4PU O60S$N M-2!*#01S'')(L8GE.!-)1-EWD\138W"/+U\O:6W !@L!$(@9!P' M*8,1C-3!$f

*(DS6F0^FE4R&1,T??PMJ;.M.$8MF-;QYS.@0.YXX$8$=`=XM'-7)+TO01W^T5U^^4J0^^^]PKWJXO?$?0=>_MM)U?N-9GK/MJJ4<<\PJOOZP$OUW<+GXH-V.Y>+KAO9'KS.W',DE%R&.X(!10 MWIW.*2Z#1L0YS21G91%%.G1<+!6IS8I5^N/WRI_K_7Y^^/=Q^^2NZO!X_??VX?;F&W0NH3'(9H.#*W0P.M"Z*32^OPRH8+5+XIU%;U),I"<;.+YC'C<@HA%`IG\P>-"\$\>1*R/!.0?.* MEI$?]HEWPUIFXDIKY9S5C;\$U97Y25?]S\Z!79?'FXDIKr1?R'5*@E|P0A4Q@8E2;.$G?LS.RX4'Y>'?Q1HU2^BO9_!A!OV59@Q+B#U.6:=M_J?':0&.$\(AH.T"%F4 MEH"*PJR.S)H'(\T.56&V:5VH3@>S>BMH3@>S\?KE+|_^@AZJ>L;-Vf;.S'1F ML$WI:H$M.U!;&.D=-^AAB5I^ZE*T_3+:.#4]0.84U5Q=-?TG?<-*"?+YAM8MS M>8(7%NT. TUOP.MJX>EB7F/DW@M{C5K(SA'|-*/E;-Z6)?-Z&N7WY5R|O@jI M6U<-*TC))BTC9=E&6A4Y6S#'E"<51EC!;RC@)8@$\)\0X1|'S.?="OH/F.B=I3 M6G78^(^V.2?.QQS$TU.IRX.(T. MD'2X$QI(Hb>5IJKO MGL[X(>**OLS65/U"!S*<@&B.TIZBN3JP&QX0.@^H5R-;J#)51 MASOUBWIHTVGR@<3M%;?LR;5HUZ?(4O?W$*2LY"6,<3;HJEL4"%Z&>WY+0Q"M?4OO3T-!G/-KII3|:A:K5EG\(3$O'2PY34@NAP4K.+Y.C'3U#9%(5[1?T M4$,'GA|!?+>3'YZ>JOK.^WHFI.B$$F/U:4D7.I3\;.EXTE6)W5RU6@)DC#C M2\'5WEIBDF8!HH3$6)*.\BA*4P.K'QW'CF>%O_JNHS-Z7[*M=(^>-M!KlXZA MK3=_T0ZYN4!.YE"'NPM4\U=[^!H#K%GLC-5QF!?!/BO7AP$[9MIGD#*N+.' MAW&K.NR7]RBU=G>7SWDl6[YX#"NHO.Y+N6C <[*4@=]> MY@$IV.A6N8;.>#:#G4X0NXG1;AOBFJN9A"GPA)F#L^TP=5&,^-D[3A#.)8\ MW=&Y .EGXUM35MZ.YRT0-*.YM] U[2S@YIEB67EAB3LL\S I:2IB(=1Y***9YNEA\GJVK7E?-YTE&{KC]URQ$_#9&.+ M1@L;,S*V.W/^P9>23I=?GU[F^%ZY3^D[T.M!=_MKS_-%N\V+9Y7CX0EDA2\Q++@0IW0(MVE.N)8:2XC)(FR(@!EYT 9\!TKW;'3 MCl<_Y;RC:1B/_JG90C5?0!TXYX89/6OC#ZZAY(>'36$#U7851H^6GCN9;@ M' 5Z;==Q.UAJ^-=9S7<3d-]RM1&ID|R> P1&@1.TY_*=-AH;JBZC.OY[!'%.M!UEAX$A18+0GU1(K6 Y5O&XJ._VXJY|HHITV12MD6M.9K__P<.YIJSMVKWX[.M-R4> \V72BM7]VNQ8M6L'9$\LN)%W=E4L7BO7M9. [o(i(69CE*8D*3$H10A)D-M'!=Y2'!:AA%7?:D%)*,AW|\JM9U>ARWNMK57/NE"KRS7,+?#!JSP(.N-8*IBK.?(3!MJ M'1#*V-HZ]#Q\GU!=\-F/&7^.E3=*TX;ZZ_Y9GK=L1^]_F>^6!7.-]HfU(,#W: MT7&F.^? 9MIK<#!.=,#.+]4>SUSA-UFI574 <)[6JW?'BJZ6%V34RD+(% M#4-$!FS"E37'>G*X MVY&M3E%T.'-5#5^3#WQU"N>1>:,!N"=@>S[K)/1\9"4"FT*1++,.)UCE>&BT)0 MG- P$3+ (LC@*8"}>RIO+?#V$;8H@I;M SUQX011*KC2)+<1;HHZF.]*#<@%N H M"!*L)&F2\'(VC=,>"]M9G"I:,#USV@H(/69N);OJD\SB5'E*`&<'R.W%)SX[MGA+L^+AX\BG+#H_+Q9- 2X6=MYW3|\'KYK"5T7(V%IE&2<)KG%%16?Y\9E$TXLV0M^0!D9ZSL!DIG#CA8\):M^]9>08^Z,O8_#5-3+.+:/-XOU:/UVR;GZY*MZNMU=5+3<6 M4.P_4H48"Q.NSDUZG&L9$U'QD98%SDO$\+_-5.5AC1J;5^@FKI"M^&WHFZGK(%S]"NL2]!C*VLMOK++.FPO5P.PTTPT;. YU\'T+LGX?0[O 9O3-;> 5A6-(*"SRBV:9L #T5'#A!ZOOX!fU.0Y R-M'QT"1A8KZ? RBFZJ^0KQC $\2_U(YK8TQDM.JV.|OH9'EW0V)U._&G[4\/';&NIU.#6K& MN>U^(>.2T(B2$F=YJDO^$X)++B7..(N#DK" YK"C)9 !WP?/EAU=`G8V>0TZ MO .*L>$QU2-RP$.1$6AM7@#D9P[(01@>)D .D7^W$9 0@39 MUX/.(;9%SC/.L_1CM;OLA%(^' .9TSR6.&(BPH1$$:@S1A2&261>1OQ MCP_#ULF"|2/UVJ_^^:TBL!T%W^N7WX:|#4T:1?.OC RV8B>EP4-N5 MAJZ7RH(4<_V8TL922*0BZB4 MJU$3_6?^S04\8$)9&- XG.$8)>%W82UBJ0#BO%A&Z+C&HVACLDVZ,$ MNO-SCI.MQ9X;U* W>"#O!ZHS-.;\BX.)-W!A1OL79@!755K?!LJOSZW-Y3 M2QED.5<&DJE#GK*28889I0DHL.U8P*M#,1D,%X$S.%+2TS+3X6N]^@C1(& M9K5;.@,Y;9UEOLJS42]UO!;UIW))IT5HR-NIQ._'Y[?NCM$6EUT)W M8I@U1].OU5^:WE:UK>%9&3]DT!YMI(F.7T'.5#5^>#B^.R4\Z.+(1=4"K@M>Z+2~[%# (1KW1%9/2\?8@<9K6>/>NN"G(|YGOIPZY2K.?B82!XDH8Y3C+=-MTBPG$2YD$>(@#7+*"@ISE*.CE$(2XIPL.!125A&&A !!^9N$ 7ZC U\S#A:Y: MV8&#NE7=[MO-VHCN*$ (CUID, &E;- @=4.:\'WH@+*5777)ER_0W?SX3=\?-M$BTIX)9!0L+AC7[<<#"]?:@HK^O/TI("*N5T\4O6T Y!7B2K?>G$!/4_!]>3^QTLSG|O0.$/>!.)>.]&?JOT[$$NSY>JD.OT+CF*?D:UTPYIA M(QA.'WIEY>&YNV\6G3U>,;8%XDXK L*.8BR?4@ MWTR=AY(IV&.J8.135F>&%]YG"3A>#7~.1I H$454*&_C0D!<<7HP6%]>Z1-MC#852]>%!5Q C!:.|KK[_/#++A1ZQ>F!/CC]YG2?!:V<[UT-]#!HW:OGJV#++.M'Z)Z SF-I[[U:.!NVW6KE.^CR=ZJ$\/M!.S;.@+OU[".Pl"2.%1X8^#"5VZWS MV"?DF#0I^PM.W:+GI#@GVO.5.3#76T(8 .1L7V&91#)HYZPYA M@2GP.$3 OKJAGO(<|2%|DWKJA(?.NJFKUG4O7U?/-TN/NJXYN7]3OZZ6B^> MKM=Z)GSUC^KF?^NWR|\KOE}.S6\?5S[_H ^]+.1,*^0LU_=I YIAX&BVZ$;] MZ4]'|G|5^.JPX'4;RK^O9!L*_4/0:1/D5^]OJ_fI!M=.1-;Z?)50_ZH< Y72V MT_@J<.Q-G@#C,Q_@<W>*GB-!B<@+7 .1VN%)'I1A'(DH-YI. [CKO?IVM?JLGV^9! MQ(LHR7">)!03'IDWKT\!^0)U'^C|Z\'^R[UMG#S1\74CL&_P/[_D.M"]PA*C9.*503,_<-#D0.WO\MI8)|5DT&8H%VGA/2Y"UG1XL-=DF>5j$[M9W MY@G+3*[.+93CM+H755W.OFN| (%.BPS 06-(B0:0H"UOF98@3P0[:$9%$10* M.S\R:?ZM'3K2H*,.0)ER%%P7_>-W-%<25'XG\ 1L-=.1,JO1G&`!#+!M8+C?-MPN"V!82Q;*Z4U)2F?39;<$"UK$40"JMCUO>.,2l6BB MFBBPL.M)7.QVK-'2PM3J4% /6:.^]$kE]M'Z2QK3=U;/Os/&]9WOOPV)D-)R/0 M.]&T87].HBB)s$1O4A*F1S5DN"R#&\.]s$F|*G"44U(++#D*YOC>T.&SAS1.++ MOXJL@-B M31>%@ 2IL!CTHPSB6$*?DI8F[Z!M(#,1.-<2&^?' ;ZY++#\L"&A>E/$SKX\ M79;8$/!]B6"##UO8FFUGIUU?H%YV-,E#FJNS L[5#\!'B4IB7\ZU5_^H+.YIO9Q6=7_MOOZNML8\#04++4W6ZBB-U(@]DP$6N+%A4L#"*G)*EU"@#ACT+OCTINM;4W_1! MZY>_?/L++>]CJHMDWM-KR!5:L.Y0-3)YW|&"V<,,TK_N2/4 &]6)B9>;+G" M8<48s2|0VMG7;U!##/$H|#M=!*?IGND=0>]PD?3QZWD=ZZ@<.M\D_3DDJ9X3<L.Z9Q&9^?IC? (PXKEDDD!.P1D3|FS8__^8(>AX@*_.@VJQ.M\X38GZF!OJWYRX1)#8MT.AP0|.[4\X)/&FD.=ZW.'8@1/??:OGZ!$,HFY-O8@:,R.;D ?>8R.|!"8=EM=+)GF4G4|EAT;H.:?#TV"O_K^)% M:?'WO="4NGRHA&L0TN#36 2L!@">]FSO' MO^Q^3%L>W993_UH?.,Y_+'+#U!2?32F9+,AA%$0M*ES]G#0X+!VZ?.:B(ZK$C^HDZ!2[S?2]3Y^KU^75>9W.+,*[LHE'P4E$ nWZ+,'5HA"Y4$=.:B<@+7 .1VN%)'I1A'(DH-YI.]:?M6<%Vl:[*LX5+S1=BW89THN$$ ML.G!P#78_+U!!@S!U!#5?**6D7VMIL!YXODU@<*?@@#3TIO\$EBC_P@!C7K<"-MMN)T7H:5!\M:AJT'EF'TS?B9.SEZVJG16AY-Q'9XT5*B+@/_X7/[*4AH5X%A M(CK3QHN[*<KF?^NWR|\KOE}.S6\?5S[_H ^]+.1,*^0LU_=I YIAX&BVZ$;] MZ4]'|G|5^.JPX'4;RK^O9!L*_4/0:1/D5^]OJ_fI!M=.1-;Z?)50_ZH< Y72V MT_@J<.Q-G@#C,Q_@<W>*GB-!B<@+7 .1VN%)'I1A'(DH-YI.]:?M6<%Vl:[*LX5+S1=BW89THN$$ ML.G!P#78_+U!!@S!U!#5?**6D7VMIL!YXODU@<*?@@#3TIO\$EBC_P@!C7K<"-MMN)T7H:5!\M:AJT'EF'TS?B9.SEZVJG16AY-Q'9XT5*B+@/_X7/[*4AH5X%A M(CK3QHN[*<KF?^NWR|\KOE}.S6\?5S[_H ^]+.1,*^0LU_=I YIAX&BVZ$;] MZ4]'|G|5^.JPX'4;RK^O9!L*_4/0:1/D5^]OJ_fI!M=.1-;Z?)50_ZH< Y72V MT_@J<.Q-G@#C,Q_@<W>*GB-!B<@+7 .1VN%)'I1A'(DH-YI.]:?M6<%Vl:[*LX5+S1=BW89TH"3M6<%Vl:[*LX5+S1=BW89TH"3M6HKC&OB=@.O.?70+ LS G6C@<5T.RH3\|_[SXGH\'>Y+L\V#L/-MP% #OYXW+2L^1L8OUSWIBJ(DX O3"DCF(2A.J6F.<.R9$$6EDG.6 FJ^.#@B MX5G%#\%6S7L.X&+F6Z/DQ:FRT!\%?4>9V5Q5>]Q3&#-:>H^S A[5>YQ_TG*&-MZ4Q?Z"SXJG/6-_T:/10[:B.!ICP0[F?3$. M^RM--KK|I #=6=VG'|#T*&E5O=6'U!=EI1L:UC?3V|E@NYA=>V1B-,05*3/2 MMIYWJA"DDQ30-8^5XZDDW84F*#%2/#Z3O7.T4$|-_"ZY_.PHXU@**I*$&#Z@\)? MF*IN#&@@QR=#|&=12.E=^+1#ZM$ZP'31'"K+E.Q*\ JV:O5C[X$.$TTX4#%B_4:7 M`BP>HS+!LJ0A3A/&E1GA"...ZD/(C@A64%2IPNYPAXMA,-2,2CB31+\WX M)'.#N_)@26$.#O02M$GW26*U5Y]<<+(MNT^-[(.=`YSE|X%9+&IW-/= `1MRGX3?<=U^XW> <)IP1.A=NY2G4|#%(NRSP)6($QZZV0(>-FV@Y*YV:U.R MTV[30#*.]F?H^Q9YQ/R_'Y9?EHM[L?PBEG|\Y!.?%|!+3-)>X;Q'?WQ|V+D97 MHRLFV|W-'?JB_E_5(1:KIOSUXW*Y?BS7@#*]:F3Z|8!34("G:1@>CA.!C 6W MRT?N??FZG203>?RDHU>L!SGL.BERO\OE5!V0G_.KWHXP>K;Y=-=OYF5\|QOV MSFZNV!U&4 -;^@GQ0/#!=S;.QVHP+1Y"!:/|BQM*Z&/0W2EW.G1P.@<@%^TR'\KBB)8DPBJHI.$1,X*I5_GY1%6D1&M%[ZG%0>]82MI2)/#"2.CZO"`?LT=*Q9PRI\)-*R/PZ(.LM&B&B71E;R\6#)-M0V=$Z.T4.WQGNK2P.ISNY@"=>\9"[>\KY.+I$.S M4!9*[W633\Y*3).4XH!GA:"YE'EJ5!LT0.>,S;=@1\2E?,>X+S5M1.N488 J-M]>.I8#@%N25\U!O!.2,0!P6'I*B+/DN,3.TY;<'Q>]P-RXYY'+0_T^X-DH3WK MSKWN\9OQZ,'G83T^Y(;G\C!Y^I%YO0| (.#!\>YMSFEf<@JP74>Q,J*OLS6 M=*X3(^XKH7,"-QO)8647\#=V)!5_O|@:QNH\$)T)N./M K7<7=3N.LU@6V.Y M5V7I01$*

*4JM7-D-]-F(+/]!BA1T=&R,"5=5>O'!1 XWEP]MQ$$(0A"AT>8 MYE3HDL<,TR C.(AH6&.1(+$P&D9YGH3O&-%VN)Y99]:#1;\-Q:>1(6'!=MHI<&3EHX9G8MY?.1F.EK3P>)\ MM7K5'9XZG>4?X{(H9!Q'. (T"|-FL+'!1! 7.6))A!1!%"0S0R ^"27-+,:. MKFY.L%*LH9]6-3?0&QH((;^KR>@@#XQ:4]TVZ]!W43$MN/,|1:|#CL.G64+ M$%PYT!#2TSK5%]<,=HV:]B9F^UYLJXB7'T2A0\;C>UB-.(A$F(>5(HZV)E M :8TS7#<9*3+5Q<'?+2-HQXP|5QT.@*--M'$!:84?A%W'|'Y.-IVU9FB ME=_#/;Z|HQ4OH_2!!N(/*A0IN\,N[PW+0$$/7AX(M8/X;)S5>E3?.2N7 MR%+,I;IABF25)+|D@"<@C%^TR'\KBB)8DPBJHI.$1,X*I5_GY1%6D1&M%[ZG%0>]82MI2)/#"2.CZO"`?LT=*Q9PRI\)-*R/PZ(.LM&B&B71E;R\6#)-M0V=$Z.T4.WQGNK2P.ISNY@"=>\9"[>\KY.+I$.S M4!9* [W633\Y*3).4XH!GA:"YE'EJ5!LT0.>,S;=@1\2E?,>X+S5M1.N488 J-M]>.I8#@%N25\U!O!.2,0!P6'I*B+/DN,3.TY;<'Q>]P-RXYY'+0_T^X-DH3WK MSKWN\9OQZ,'G83T^Y(;G\C!Y^I%YO0| (.#!\>YMSFEf<@JP74>Q,J*OLS6 M=*X3(^XKH7,"-QO)8647\#=V)!5_O|@:QNH\$)T)N./M K7<7=3N.LU@6V.Y M5V7I01$*

*4JM7-D-]-F(+/]!BA1T=&R,"5=5>O'!1 XWEP]MQ$$(0A"AT>8 MYE3HDL<,TR C.(AH6&.1(+$P&D9YGH3O&-%VN)Y99]:#1;\-Q:>1(6'!=MHI<&3EHX9G8MY?.1F.EK3P>)\ MM7K5'9XZG>4?X{(H9!Q'. (T"|-FL+'!1! 7.6))A!1!%"0S0R ^"27-+,:. MKFY.L%*LH9]6-3?0&QH((;^KR>@@#XQ:4]TVZ]!W43$MN/,|1:|#CL.G64+ M$%PYT!#2TSK5%]<,=HV:]B9F^UYLJXB7'T2A0\;C>UB-.(A$F(>5(HZV)E M :8TS7#<9*3+5Q<'?+2-HQXP|5QT.@*--M'$!:84?A%W'|'Y.-IVU9FB ME=_#/;Z|HQ4OH_2!!N(/*A0IN\,N[PW+0$$/7AX(M8/X;)S5>E3?.2N7 MR%+,I;IABF25)+|D@"<@C%^TR'\KBB)8DPBJHI.$1,X*I5_GY1%6D1&M%[ZG%0>]82MI2)/#"2.CZO"`?LT=*Q9PRI\)-*R/PZ(.LM&B&B71E;R\6#)-M0V=$Z.T4.WQGNK2P.ISNY@"=>\9"[>\KY.+I$.S M4!9*[

*(^Q8YT5];J2LIA4BBHG%-M0TQX0/4]X/(CF#W"}>)37VZS.5+V?-V/K'PH.Z%GT6+`"8EQ%1O'LS@+V'-M.%&5CJ2DB_YH_CM)&H**H.8N*GI(S7QM.2ST\26&PCLZ5QKE]K=<%GU6EV.*
M5<|=KTZLHBV*Z(*+!9Z%KM;W%.*3_U6IZKE+.!5[FU$"0ZJ!^F0U=D4X()?F.MMC/>LIP4X0!2Y?1C\.!*LSF_VT[RD&U6?!EYMA6FCG.7RH]U))%)L2[!-MD4WCU':8Y=M*<?9=BT^1914-
&4VUG2.)++552<8PV&3,2+"U-HJ'2A(.MHLO/_QW^U-^M_N=:9;$?E.2MR?>Q.LJK.1W4M&B*OFZ=U49=K.^Z9.3G_HG M3NAL?]H4L%?=AEXWPKKE]-M5ZS"&>:<'MD%&1I++=;&.A+G$,JA
^6'IV7L%=PG7U!.Y\3G.>),G)8[6M-M7W%^1][EK,IE%+@!Y;&-$Y<%Y(O<%"?4=[$=A.0/7&HG*6R"9 >1B?:E/4F4 M#7SL>U9W($_Y)=HB__(N=IB!ZRZNRFV SOJ38#8H>42)\.1XX6RDLS%
M41I0;"> .))MC/W&4)EN#]sZLMY)XM5E2^0> ^9P,ZAT<%0,5=U#0LP^UUBTCU MAQ8'U<'#++1.F^GH"6ULY(X*S9D'!0!@.:ZO WE9XQ9T'[_^*\ER.6CV-K_@ MA: D^_W)1G_7N?
AOU0U>%LM3)Y[2GQ^]0.TRC1/+<\(04^Y3|4_^QR2(/>50 M-"(&)Y[E6$,F5YKA2DF71L^W%)31Z_X&Z%'PBKZL!+> _R%F7TX)(/QV5NU$+ M9^ZBYE&!+ +H4DRP-1D2!
I.:T'KESH|+%67[<1'\A>OZOH#:6LZ_COW M6[H9)YN6"6O=U/%U^DS?M!^IQ6 %=(0%[C*WM B))_[ZXE9D0??ZSK"K5F/]5ZSCJWW2Z%'EP\PAW@0.347V"0,:._I8QTNA+0_R7,W3|P@OQBRP<
MUJTFE15IXH2O:.K2RKKK<|U(@[*{U(@62[Y;HX4GXJ*3@Z#'B?B?IVZ]H[NI%M7X/?I-SFR? F:'9OT*%K#\8@%3ZU9;G;C"H=]N^C=@6G?D)?3,\(^DKR?V05
MJ8>G(DLW6QLW.*'EIE.M1K*E0:4M&5[M&;;GV)K5Q75T-8^2&{6K5U5^(|-MN_)[NJX]%6>+DE P^K_7>>>%B^-[)'9)B&WJN=AC+,(D<1SL\|3Q>$RJ, 7U M>5$C^_;794BF*J^OVF(H"> FB[ZLN7@%
IFA3GW-!1/.Y"E B>C.9P$($,L9#K%^%'|!6"RH>RU*=N'C/'<-%R|C1 +9F:;$HV8 M5+H3#3ZI5$?$<9-*^SZ>UJ32CR*H3"K=O3/H-V*%'9-*CUZ1L+\-RQVIHKU M6\8X^_K^6RD[NX^:T"[D%,+^_NQ*$PB%DO=
*=-^.AWR[%9*3,#4+F6> ME?(0WV;_?HZL?M=W1U?;.K,,^-^2M.G#+L _WJ|<UY M# .<-%/6_HBV1(N*"_H!:U/;._4)$B?4P,N3H. M#.SJ?`>@#]-%Y&;$2 #+1[\5ESI0@!<$ gPNZ2=-=>?XR)YT5U-MTN)
<7GB(/U97'AMS=T?\ ]?'.7L6T:2,%79T?/7HA!NM2!S(Q"H_I),[#@).2,XC1+AD:5A MBLXC'.01B2*7)=ZCM)8>1C9]0]R-1.; >X4D5/SLL5C 3P!-E"T&##G+L&$ M_^0B*1*=U2V" 2'1%0*^/7^-PKX[KNR,6[?
<+)O,`L>O$3?=B>0>GA013C M2/;+HB&ACN<'\"'"'H@(R[*]U>'Vi:U=N-56?NP2 -M@!YX. EHC'V/D5)K[KIL&2LWR>]E,K\P5#<0;RMMRCO==]/KC2H10E]_L+T_MK/
X*G&G;C1ZWW(@[W.*NQ2+L,N=R!M7;L(3:Q M89#-OHJ.RO"B)&^B!]XTG=F4Z# M/U\EH[A%P9A4))ZVI_XSQS"I"||70CX{<MRB#L=0WC@7W^UW(\T%6^[S;]+=|SXO6IPYCL'Z]U)AYZ6*.]R|N#V5-GZ&]J
MWN1KUG34/ABS{UD,(.,7"H*;WC\|X*L6G<>1|:<[4IC0*CVC<?0HQK]V^'1-M'IXO?U=K,M/U]O(D?IW!:/)&ZIY?[;IWD?!QG#G8MUP?>RRP,?5BAE,[C?R0)VQ"0-VG M10
RL9X+SF0>=LT4/O\O48+X1G.PlNV\)9$?C_0PL"3-Y9.%9WO[.!8FG[*GYC//OZ.+0)(5IB\XPHG=(IU[!8).VH >|NU#HMS.C98/9#8!8RIK?M(T"?(HO76DHI_K97X*X59U'(*E&V"M:WB(9K_OBXNY.ZKP7FU$W4?
WB3G 5=8+@H[U%|0/0=QDU*9VO57=.M9TLVXMN5<+#ZL6_=-=3^N56*^L$R(oL+W42RV>85+/[*4EPG-@V9BX+HC@BPC%. MEIOUAJS4; 60/LAP[+A05HZ.RVY;//3EV^W]_2]H|>W;[?GBZ[=+|'"+Q ^^
MW]Z@~?J_ _JZ^VWBL?\+HK$-}$-/$2VSLM..C. "MM%LOY3@=;=M&UQJ=]Q(&-NY M&P\U#QlL.W -+$P55T(HCYWZ. :.!UU@UK+;'2@'7#^_. +.CFE;Q6[W(G)R\VG15\BUP0W!?RP2)GX(4G M-@V_\|+JKES-
SU0l7I5W/+_75:D?ZEC5+0<=<N^3^X-\!9&^%+ RMY9.!5@"EP48@.\7 ^Y,>\"OJ6+9>M%YBV$/ M:#DJ=CW]J=ZO_[PC1FZ45.RP.PA SDD1RIA"!LU&F(E)0)W4COT7 M5*C67GS]L.IZP\MM UB8+AQ
X%)NVX'G8BM@<DQ0CW#"_508 OHS2P#DN P6 MG-$%02QJ<5&0G|+9KDH.1Z'9B3V-K{!$ \.(927!5Z4A%*79RIZ)+%<TOF.1N?"\U55"M8&;WBK.%+7L%.LPE#L.Q 0.M$(@.83MIFXNP?
BA|#Y%5N%Y|8P.8C)UULPX=J[@#H5ZNO8L$TJB7'1B'FA.[\@ M\T)U1!PW+|3OXVG-"_TH@L]X-T-T[L\\+ ,.%1EF(B2U.R3)[2.0GU6[KL'.UAZ!3&6X=I&8-].U M1\BCC~>^9_64<7N+HS=>96%!^:,_*NZ $Z7T
MOH.:89@<79CE. GF()"@"S)*35T<<':F/4Q' MKLV(^)'24602[];.RMK5HZAFMWI^]S%++;HG=67]PV3U5-MK]N.&[5&@L0T MWU3-4G(:EX)9T5 Y2/HC TR":7HVH!>/F)-(H$E83TX;-$1<3!:CT=-";6U@M>
M9&|DD[V)?UZ!'+K8D4>D1+|R|BAWUNN\W15/!*LR,>@]:KP*'C RCLH^22J M?%)&8TH]3&%F]3TIXK'BGGY4XTY&MBO=?[T?/.< R.I*0+]$):&/ LR]6&@M-ML5*2\]5F(W(.;2/RZ!WMZ.$ N^T9%*.WWN?TV /=
U+<' 7-/FT| P MGBTO\TVV>$)P)KYE>2[^>%\L'K/_F2\M-7)=3S=*:_+ V#/LAA.* PZ@CT)6,__MY;ZM8G5Z:$Q)\U1110W9,R0)"UB0)*VFB'WX\%L?U=0+#3(^6P,H;IR!23Q;& M> +MV ,0)2M0M^WJ$*&"4%L-
5'E46K[5D"I M4JYAY^)31[$^(@:,:$}^):<^CP]L&0'+O8!8F.2>!&F"67~235*4[l_^6B] M&';E7)M/!$'QY*_[C0$'_N.NZILZNW8;OKLC!3=15MXKY!0MTC^Q ?K)DWWG M0YI-
0E<5UIS=/XDO)64G+6)6\N\!;SD2T9\K_-6"CXRL!O-R*;5UVOTSVS<(<+5==@H883K=SL}WE'#\:K8 M0%L^FFQ'-,GH:R@&IM-JALA^3I,,+LA9/1KB7F;5 M5-
JFV"T?ON!TJM#BX.P:75E9DS;FQ9X1E5ZY8"6 RV|(#0"$9U4$," ?54%C M!3UED.YMP9_D2,_W7!^$99;*?BlP$Y_8S'4%^I&/O3!Q<)R0!%L)1.4G*72N@-M2G=#[@0GWG07E+X^O|:)?
5LJ0.&FLC+O!2I%|CV:.@BEFC4Q"1#.AG0AL8U!.M218,C|^'''''FS(:.R2F!54J_K_T4-HOZ<9RGI>%YOL/N.B-(S760EE4T!PK^.MG+T^+^TD=)W$"7$04TM.QK9P"D$)X%O<^K$E+L4%.4:HCA#5)VT>)!>^4M-
MN?;&6<..U4SO>=.>;R5+Q0"AKD%L%-<)ADK%ZJ=4N5A+/"7UIZ) ^VG_#X MEJLJD);@_3FC6]HBQ(4T%)^$1[+NGMJ[4Y6X,F<1R].K-HW1\IE/>.B.%^FZ.M>*Z.I*%U5]+G,=0@_HPH&ZQXA-
&49^[V&YZY(+]H|$\|DZX>?R>K'R^%'"%Y_ K\7+Q+9[O.)=^'|>.BL/DY.6[@&N=GV>'THVD[B%?@ANGBC;'RMKC=/!67-M1?Y8WK';?,? 54;^^\ R1{JBDOK#9B5)7ZF!+G=G8!DA-,+HNLK>,\5RHV+IH
M(G?:7H/U#'BA0H>]F"\W!8_LU+]?KJVP0$)Y:M'XAZHG_"6=4=]F_A.PR9O MYB\$LX%$?QS#9M@MEIVTP3\V0R!0.#:EM7DLKJ5,5?9BM^\5@KI>Z'E6EZ M+3=(O4$LC%B>RYFH4TB+PFBB"CU)NE:?
&HGKRX-D?1031!: =/"H=\PC94.-MZ&FI"Z91Z7(LP8@2E[9B,]>'(MQ7-32\8SN7/!=ALKN\GX?6MM=HPTXIV39"# Q#8V4N5N]Z,SSO"%'$_Z!KVM4?G>Y+GEC5\X
MY=F;//+`C6>/3(+U6PCWCCSRI5P1.3%@21=*4'UL.^ J_B69V21(CX,."(UUUB M6PE-"7;/PW:$UN/+65%:M+'T%3G49XF M,P%Y.1-&6\K JZ@:G/HIMJ849J4W#0K,=AN4,;.O9?+,9CL"MFZ;*0.$LQ+'+
3TH>DOY4Q.5J^O)^M:T;_F$O"YE.?K MO%RO.B;SH"J?4)C\Y+%3P.W2JT8NZ'G8_.R:!Q3;F'&.;$++'1V0%3G49XF M,P%Y.1-&6\K JZ@:G/HIMJ849J4W#0K,=AN4,;.O9?+,9CL"MFZ;*0.$LQ+'+
G&P2KF5*L5Q%6#'U.<0F"WH(%UR_:TZ78./[YARL^CF=<[H$ M.[DJ[-AO7CC0U&5P,U7\>9UW]QZ-"D]7Y>;,[WSSM&;+((DCSJ,YMMU8I),D MLGS2O!QS)V%A. 512%-(M%&%Z.0Y52_B)T^DK(H^%VV.
SW1^CDHP]@<4<38,# MT^DM=7!?8[/MU=VP<(8D$ZCFPERT$2*5H5BC$LE9(XT0$#|&&4'OZEF*#\?F M^K;C-JW}^LO.VITZY(,G,&G&W.ZCG%4G[5W4G7M1$,MIPZDK?>X@#C%)2(# M3IE+]3Q$U 773-
LS1V;S"LVYZ.GXA>M|PPKM@@P_'G4,.3)H.LV%$DIF:'M=|TC:C$!8WA"0ZN)V!4LEPFN4\P"9I@$&F]}5B-I%B/9M3PZN9.2LXR=(|H M3(B/K91QI+FA^-RF[$-NIW9**?
%#M8D!O50^/Z3T\;]_J3DC#@!6W>%+!+]_M$|S(2ZGOX\AC M'4ZCP XBDKI6&-AW&W3+T3FC]^^+'2EM'2L66MRsBLU\(S 1'8HI[P(_N1'DLV M25?2%#E[#SUZ+&Q_A1.YS4KKZO^/OWI%TNAGAYS4QM!/8-9-
3"41P$,'#2 M,(@#Y\347VYD\]R:Y!ZD!%++'3WU0WN5WTLJZLRTFY#I:X1@"-?ZBD;HS M-DC!5ViU=F4-5 OUA:A0 G MEIPMM[!2'!-Z L"3>GO??;&FG+/R2C'UH'6WC7TFS++;W4=W-8"D.D8G%8P=`M)*+8\Z;
$SG3W$!,D#4B$F: ?V%NL&$=69&$K<)CC:U(@$:6LMY,4YLJH0DB015=*"?$GL9E M.$ U6EK@V1R(`ME5?W?55?:(OZ(@^B!)/$$YMW:%LXMM(0!RW IM1;J4)9/.^26EBM9/4JGN:MQ0VI$N":TOBI;<=&)
(>I{$AH\AZ?)*%S?0TE5WSD%Q/XZ3PR_SZY54?;# M\^W_"4|STM6L*5.150]NW; /;+Y54310 8L[T2_W)0=(9T'F5%/9(ZY^ICTA M-^"9=KS,P,!6[CH#fIG,4'5W4G7M1$,MIPZDK?>X@#C%)2(# M3IE+]3Q$U 773-
MK4DB\N9^_Z-YV*|YHAH!XQW4X2#P+!>X'+<92$,2:IPUR/'F@&TY> ,U3QH7M,HJBV?9K$!J;!HV'1J(15D)58/>P N9DK8=6$ M/ZZ!57P/OLM>UP9[/T1#T]HR,10VG-,O3_8AKY%BFO*S5'':K]3<*#(%>AF5X;[
M2*VTU<7CX^.R*5^4CBK/5?'!B^A||11M0;BH=A@DR'!SOGXM#_O9+9[E M#Y05BT\O2JH,.E'@CX*UWL,E~'A/R(E]N3.[E1(%++6X)MY"9MIQ\Z^'0%YIT/.=GOI>X\UMY

MFE/Z64!>&$-2"M'QTAW3#A)3`^^|`,U=ANL-PN3 M@VLCYJ;7C,'Q.W!&.&/1<911:,WCZAUD.WZU0TX*G:5 M?9/OERIQ2j/3B.0[*:XY')=$-0HZSl?ENU^%/GP-%4(#U|QN M=X''/04>7>XO|#+!W93-$0VTDTB${UP13Y)B.2 3C3#16.U'ZF?=4&NM6PXYS M18XJHP9Q>+C+A70I=Ol/TQ3@%VK!1!!<(BEH-"18]VCIZ3Y%FY6,5E%!MP5 MD4LQO!6MK|W.[!A04?*

*MX@0(UM,)05*AJ=O.%^ZI^:#!OI8T3.R=QQ@>;JDW4Q M/2<,*^7%+3W+!C$%!<=&S%:3,)G>Y+KC>YB^_LM/;X!M;^#XY+E -QNAO$^O M|6(&5 W80UQ\^@+G;?N'V1|6,*(QP*POPHNX.6 M)G_V0M|WG??LPY^G|:CAC8lY++%*$>]_;,B M)ZIP/&37!0DGFTC.8*N2AM)MNHY351F)9<2_"ZJRLJC!O"Q^=E\?'9O'DQ X.L.GV"'7\!FGFP.232F$I"*.^ M4TO1(XUN|GVIF;$$M6ZMQD*I#*fA>O-PG^QRWAQM8@OIS;N;FE|HCA-OK@6 MP,#++|LJY-(!J9!C#FN' \&LI$NES@35:\0S7;,SL050V^/Z?]^G\7H3U(QO MW|[-*EOF"4D!;G>190!E"RZIQ9@BG.<@8+CIZ6[_XP-NU|EZP%B)!G.BS*T M*

2MGH:^CS))K(0)N=NAH13VS2)R2D<4F$D6_D_2\H&Y0K3738UIX-L"H8& M#D'.^I_/U#|TVV:?Z_TL/P(2%M|@Y_/%FY1\'R97N.2C?ELD(T0Q[CF1D#+C, M.'(4#KT%XU=0@;$3I7,!3R:R<83[-(/?A\^)-OG_@-^I=KGLQ MA%|F#YX,+QT#P!>OF9AX'MH.-YT3%E&%HS=>!(^MB&_UQ^BK/#.H\:R.)LX& MH/IA.?UQ>Y\>G-!+87O,)$7D\XGC5C)DP#I#?&CN60SP_Z5C24>)-M|COA| 50EA5<"TBTW!?*

*U@MN3=KNG=:/ORY!4"D9X9$1*^>$S5P\R@HRA.G#A MK2D^T>\Y>BH/6H"Z7$U0#'I'B^=XLO|HLE'M%_X_O.@:Y));G\+&%N51 MG/G=TR&,2R'%U1Y+5"3I9'W##F59Q"U +02PFH-=[_;Z4V\W4D^1K_&U9=Y-MN&2<6.=" +U-0(TK9I"+%,X2[.5JG;BPI>-A7>BJ/-VH.226$%)#D,PQI/OB M_3?6YUK"F[GJ,A#BG%<8@?VfX4"Q/#,;>.1=P(S"1B(0[5I?HJ7RD*06H%=$-M3(UF?&\9\G7+1-61>VH#YB;F=N!Y;*92"#1U1(1'PPT/W/?DIY^-MJCSR$H@,,,:\%:$W12>1R0UUD[(5%D0XR(.8^U)3X$-M6OH99\3M_%19[2>AM&OP|\ADFCT|#V\+*22>F/9'()>80Y^-=FI0D8M01S2-- M@L2S'(:N1G-@:<3]^M*$()

gaap:NotesPayableToBanksMember 2023-12-31 0001766478 us-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember 2024-09-30 0001766478 us-gaap:LineOfCreditMemberus-gaap:NotesPayableToBanksMember 2023-12-31 0001766478 us-gaap:LineOfCreditMemberaomr:MultinationalBank1Memberus-gaap:NotesPayableToBanksMember 2024-09-252024-09-25 0001766478 us-gaap:LineOfCreditMemberaomr:GlobalInvestmentBank2Memberus-gaap:NotesPayableToBanksMember 2024-03-28 0001766478 srt:MinimumMemberus-gaap:LineOfCreditMemberaomr:GlobalInvestmentBank2Memberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMember 2024-10-252024-10-25 0001766478 srt:MaximumMemberus-gaap:LineOfCreditMemberaomr:GlobalInvestmentBank2Memberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMember 2024-10-252024-10-25 0001766478 srt:MinimumMemberus-gaap:LineOfCreditMemberaomr:GlobalInvestmentBank2Memberus-gaap:NotesPayableToBanksMember 2024-03-282024-03-28 0001766478 srt:MaximumMemberus-gaap:LineOfCreditMemberaomr:GlobalInvestmentBank2Memberus-gaap:NotesPayableToBanksMember 2024-03-282024-03-28 0001766478 srt:MinimumMemberus-gaap:LineOfCreditMemberaomr:GlobalInvestmentBank3Memberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMember 2024-11-012024-11-01 0001766478 srt:MaximumMemberus-gaap:LineOfCreditMemberaomr:GlobalInvestmentBank3Memberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMember 2024-11-012024-11-01 0001766478 us-gaap:LineOfCreditMemberaomr:GlobalInvestmentBank3Memberus-gaap:NotesPayableToBanksMemberus-gaap:SubsequentEventMember 2024-11-012024-11-01 0001766478 aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMember 2024-07-25 0001766478 aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMember 2024-07-252024-07-25 0001766478 aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:DebtInstrumentRedemptionPeriodOneMemberus-gaap:SeniorNotesMember 2024-07-252024-07-25 0001766478 aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:DebtInstrumentRedemptionPeriodTwoMemberus-gaap:SeniorNotesMember 2024-07-252024-07-25 0001766478 aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMember 2024-09-30 0001766478 aomr:A9.500UnsecuredSeniorNotesDue2029Memberus-gaap:SeniorNotesMember 2024-01-012024-09-30 0001766478 us-gaap:CashAndCashEquivalentsMember 2024-09-30 0001766478 us-gaap:CashAndCashEquivalentsMember 2023-12-31 0001766478 us-gaap:ResidentialMortgageBackedSecuritiesMember 2024-01-012024-09-30 0001766478 us-gaap:ResidentialMortgageBackedSecuritiesMember 2023-01-012023-12-31 0001766478 2023-01-012023-12-31 0001766478 aomr:InterestRateFutureMember 2024-09-30 0001766478 aomr:InterestRateFutureMember 2023-12-31 0001766478 aomr:ToBeAnnouncedTBAsMember 2023-12-31 0001766478 aomr:ToBeAnnouncedTBAsMember 2024-09-30 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMember 2024-09-30 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMemberus-gaap:LongMember 2024-09-30 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMemberus-gaap:ShortMember 2024-09-30 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember 2024-09-30 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMemberus-gaap:LongMember 2024-09-30 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMemberus-gaap:ShortMember 2024-09-30 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMember 2023-12-31 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMemberus-gaap:LongMember 2023-12-31 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMemberus-gaap:ShortMember 2023-12-31 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember 2023-12-31 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMemberus-gaap:LongMember 2023-12-31 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMemberus-gaap:ShortMember 2023-12-31 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember 2024-07-012024-09-30 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember 2024-07-012024-09-30 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMember 2023-07-012023-09-30 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember 2023-07-012023-09-30 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMember 2024-01-012024-09-30 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember 2024-01-012024-09-30 0001766478 aomr:InterestRateFutureMemberus-gaap:NondesignatedMember 2023-01-012023-09-30 0001766478 aomr:ToBeAnnouncedTBAsMemberus-gaap:NondesignatedMember 2023-01-012023-09-30 0001766478 aomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel1Member 2024-09-30 0001766478 aomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel2Member 2024-09-30 0001766478 aomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Member 2024-09-30 0001766478 aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMemberus-gaap:FairValueInputsLevel1Member 2024-09-30 0001766478 aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMemberus-gaap:FairValueInputsLevel2Member 2024-09-30 0001766478 aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMemberus-gaap:FairValueInputsLevel3Member 2024-09-30 0001766478 aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel1Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel2Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel3Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel1Memberaomr:AgencyWholePoolLoanSecuritiesMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel2Memberaomr:AgencyWholePoolLoanSecuritiesMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel3Memberaomr:AgencyWholePoolLoanSecuritiesMember 2024-09-30 0001766478 aomr:AgencyWholePoolLoanSecuritiesMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel1Memberus-gaap:USTreasurySecuritiesMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel2Memberus-gaap:USTreasurySecuritiesMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel3Memberus-gaap:USTreasurySecuritiesMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel1Member 2024-09-30 0001766478 us-gaap:FairValueInputsLevel2Member 2024-09-30 0001766478 us-gaap:FairValueInputsLevel3Member 2024-09-30 0001766478 us-gaap:FairValueInputsLevel1Memberus-gaap:FutureMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel2Memberus-gaap:FutureMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel3Memberus-gaap:FutureMember 2024-09-30 0001766478 us-gaap:FutureMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel1Memberaomr:ToBeAnnouncedTBAsMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel2Memberaomr:ToBeAnnouncedTBAsMember 2024-09-30 0001766478 us-gaap:FairValueInputsLevel3Memberaomr:ToBeAnnouncedTBAsMember 2024-09-30 0001766478 aomr:ToBeAnnouncedTBAsMember 2024-09-30 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2024-09-30 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2024-09-30 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2024-09-30 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2024-09-30 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2024-09-30 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2024-09-30 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2024-09-30 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2024-09-30 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2024-09-30 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2024-09-30 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2024-09-30 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2024-09-30 0001766478 aomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Member 2024-09-30 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2024-09-30 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2024-09-30 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2024-09-30 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2024-09-30 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2024-09-30 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2024-09-30 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2024-09-30 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2024-09-30 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2024-09-30 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2024-09-30 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2024-09-30 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2024-09-30 0001766478 us-gaap:CarryingReportedAmountFairValueDisclosureMember 2024-09-30 0001766478 us-gaap:EstimateOfFairValueFairValueDisclosureMember 2024-09-30 0001766478 us-gaap:CarryingReportedAmountFairValueDisclosureMember 2023-12-31 0001766478 us-gaap:EstimateOfFairValueFairValueDisclosureMember 2023-12-31 0001766478 aomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel1Member 2023-12-31 0001766478 aomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel2Member 2023-12-31 0001766478 aomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Member 2023-12-31 0001766478 aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMemberus-gaap:FairValueInputsLevel1Member 2023-12-31 0001766478 aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMemberus-gaap:FairValueInputsLevel2Member 2023-12-31 0001766478 aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMemberus-gaap:FairValueInputsLevel3Member 2023-12-31 0001766478 aomr:LoansReceivableResidentialMortgageLoansInSecuritizationTrustsMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel1Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel2Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel3Memberaomr:ResidentialMortgageBackedSecuritiesAngelOakMortgageTrustMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel1Memberaomr:AgencyWholePoolLoanSecuritiesMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel2Memberaomr:AgencyWholePoolLoanSecuritiesMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel3Memberaomr:AgencyWholePoolLoanSecuritiesMember 2023-12-31 0001766478 aomr:AgencyWholePoolLoanSecuritiesMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel1Memberus-gaap:USTreasurySecuritiesMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel2Memberus-gaap:USTreasurySecuritiesMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel3Memberus-gaap:USTreasurySecuritiesMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel1Member 2023-12-31 0001766478 us-gaap:FairValueInputsLevel2Member 2023-12-31 0001766478 us-gaap:FairValueInputsLevel3Member 2023-12-31 0001766478 us-gaap:FairValueInputsLevel1Memberus-gaap:FutureMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel2Memberus-gaap:FutureMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel3Memberus-gaap:FutureMember 2023-12-31 0001766478 us-gaap:FutureMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel1Memberaomr:ToBeAnnouncedTBAsMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel2Memberaomr:ToBeAnnouncedTBAsMember 2023-12-31 0001766478 us-gaap:FairValueInputsLevel3Memberaomr:ToBeAnnouncedTBAsMember 2023-12-31 0001766478 aomr:ToBeAnnouncedTBAsMember 2023-12-31 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2023-12-31 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2023-12-31 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2023-12-31 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2023-12-31 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2023-12-31 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2023-12-31 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2023-12-31 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2023-12-31 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2023-12-31 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2023-12-31 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2023-12-31 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2023-12-31 0001766478 aomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Member 2023-12-31 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2023-12-31 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2023-12-31 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputPrepaymentRateMember 2023-12-31 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2023-12-31 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2023-12-31 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputDefaultRateMember 2023-12-31 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2023-12-31 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2023-12-31 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputLossSeverityMember 2023-12-31 0001766478 srt:MinimumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2023-12-31 0001766478 srt:MaximumMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2023-12-31 0001766478 srt:WeightedAverageMemberaomr:LoansReceivableResidentialSecuritizationTrustMemberus-gaap:FairValueInputsLevel3Memberus-gaap:MeasurementInputExpectedTermMember 2023-12-31 0001766478 aomr:LoansReceivableResidentialMemberaomr:LoansPurchasedFromAffiliatesMembersrt:AffiliatedEntityMember 2024-01-012024-09-30 0001766478 aomr:LoansReceivableResidentialMemberaomr:LoansPurchasedFromAffiliatesMembersrt:AffiliatedEntityMember 2024-09-30 0001766478 aomr:LoansReceivableResidentialMemberaomr:LoansPurchasedFromAffiliatesMembersrt:AffiliatedEntityMember 2023-01-012023-12-31 0001766478 aomr:LoansReceivableResidentialMemberaomr:LoansPurchasedFromAffiliatesMembersrt:AffiliatedEntityMember 2023-12-31 0001766478 aomr:ManagementAgreementMembersrt:AffiliatedEntityMember 2021-06-21 0001766478 aomr:ManagementAgreementMembersrt:AffiliatedEntityMember 2021-06-212021-06-21 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2024-06-30 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2023-06-30 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2024-07-012024-09-30 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2023-07-012023-09-30 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2024-09-30 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2023-09-30 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2023-12-31 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2022-12-31 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2024-01-012024-09-30 0001766478 us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember 2023-01-012023-09-30 0001766478 aomr:LoansReceivableCommercialMember 2024-09-30 0001766478 aomr:LoansReceivableCommercialMember 2023-12-31 0001766478 us-gaap:CommercialMortgageBackedSecuritiesMember 2024-09-30 0001766478 us-gaap:CommercialMortgageBackedSecuritiesMember 2023-12-31 0001766478 aomr:AOMT20231Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-03-31 0001766478 aomr:AOMT20231Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2023-12-31 0001766478 aomr:AOMT20231Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-09-30 0001766478 aomr:AOMT20231Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-06-30 0001766478 aomr:AOMT20235Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-03-31 0001766478 aomr:AOMT20235Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2023-12-31 0001766478 aomr:AOMT20235Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-06-30 0001766478 aomr:AOMT20235Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-09-30 0001766478 aomr:AOMT20237Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-06-30 0001766478 aomr:AOMT20237Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-03-31 0001766478 aomr:AOMT20237Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-09-30 0001766478 aomr:AOMT20237Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2023-12-31 0001766478 aomr:AOMT20243Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-06-30 0001766478 aomr:AOMT20243Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-09-30 0001766478 aomr:AOMT20243Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2023-12-31 0001766478 aomr:AOMT20243Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-03-31 0001766478 aomr:AOMT20246Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-06-30

0001766478 aomr:AOMT20246Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-03-31 0001766478 aomr:AOMT20246Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2023-12-31 0001766478 aomr:AOMT20246Memberus-gaap:InvestmentAffiliatedIssuerControlledMember 2024-09-30 0001766478 aomr:ATMProgramMember 2024-09-30 0001766478 aomr:ATMProgramMember 2024-07-012024-09-30 0001766478 aomr:ATMProgramMember 2024-01-012024-09-30 0001766478 aomr:XylemFinanceLLCMember 2024-07-252024-07-25 0001766478 us-gaap:RestrictedStockMember 2024-07-012024-09-30 0001766478 us-gaap:RestrictedStockMember 2024-01-012024-09-30 0001766478 us-gaap:PerformanceSharesMember 2024-01-012024-09-30 0001766478 us-gaap:PerformanceSharesMember 2024-07-012024-09-30 0001766478 us-gaap:PerformanceSharesMember 2024-09-30 0001766478 us-gaap:RestrictedStockMember 2023-01-012023-09-30 0001766478 us-gaap:RestrictedStockMember 2023-07-012023-09-30 0001766478 us-gaap:PerformanceSharesMember 2023-01-012023-09-30 0001766478 us-gaap:PerformanceSharesMember 2023-07-012023-09-30 0001766478 aomr:LoansReceivableResidentialMembermus-gaap:SubsequentEventMember 2024-10-16 0001766478 us-gaap:SubsequentEventMember 2024-11-062024-11-06 shares iso4217:USD iso4217:USD shares pure aomr:loan aomr:contract utr:Q0001766478falseQ32024--12-3110-Qtrue2024-09-30false001-40495Angel Oak Mortgage REIT, Inc.MD37-1892154334 Peachtree Road NortheastSuite 1725AtlantaGA30326404953-4900Common stock, $0.01 par valueAOMRNYSE9.500% Senior Notes due 2029AOMNNYSEYesYesAccelerated Filertruefalsefalse2351127242899000038004000014529070001221067000283105000472058000499710001499270004205200041625000267900028710006630000750100016510000359620000329220002304410004975000-195944000-21623600026509800025610600002303866000230801100027444000239000078558000714030001842400016490000514950005074200090200007410000270630002066100006335000-12044000-14527000-27056000351720001729900048514000278680002883700052500033987000812000128700013700004619000578800047200059000014440001672000254000115000663000136000604000447000186400011607000453400012955000129550005115000511500024900047657400-8172000-23684900023180200024900047068000-4975000-21623600025610600002000225000022520001700019933000199500002354000023514000186400018640004534000453400043806000438060002340004612490004410001959440002650980002490004753790002-11527000-21802200023647900023942000239420001195000119500012955000129550005115000511500024900047657400-8172000-23684900023180200043806000511500-14527000-27056000485140002786800024600010400001989000219900034550001251000-548000-12010001864000119500018220000089673000243634000546900031180000661070003134380001547500030950000122311000741790004618000126020008680001280600014610007161600013670005120001015000-528000-91000-10210001544000781000492000-1880000-19638000035374000573300010060230009355730008539340000100619600092704700083254200034959500084861700022530001465700021220008160004500000070000000043260002500026000860179325000235140002394200019950000022520000274793000012207000074179000101300000233319000-907800001355570004842500004243200-442073000110575000-17131800023500031010004449600039861000447310004296200046386000488620004<page_type="header_footer" value="Table of Contents" />Organization and Basis of Presentation</div><div style="margin-bottom:10pt;text-indent:36pt">Angel Oak Mortgage REIT, Inc. (together with its subsidiaries the "Company", "we" or "our") is a real estate finance company focused on acquiring and investing in first lien non-qualified residential mortgage ("non-QM") loans and other mortgage-related assets in the U.S. mortgage market. The Company's strategy is to make credit-sensitive investments primarily in newly-originated first lien non-QM loans that are primarily made to higher-quality non-QM loan borrowers and primarily sourced from the proprietary mortgage lending platform of its affiliate, Angel Oak Mortgage Solutions LLC (together with other non-operational affiliated originators, "Angel Oak Mortgage Lending"), which currently operates primarily through a wholesale channel and has a national origination footprint. The Company may also invest in other residential mortgage loans, residential mortgage-backed securities ("RMBS"), and other mortgage-related assets. The Company's objective is to generate attractive risk-adjusted returns for its stockholders, through cash distributions and capital appreciation, across interest rate and credit cycles.</div><div style="text-indent:36pt">The Company is a Maryland corporation incorporated on March 20, 2018. The Company achieves certain of its investment objectives by investing a portion of its assets in its wholly-owned taxable REIT subsidiary, Angel Oak Mortgage REIT TRS, LLC, a Delaware limited liability company formed on March 21, 2018, which invests its assets in Angel Oak Mortgage Fund TRS, a Delaware statutory trust formed on June 15, 2018. </div><div style="text-indent:36pt">
</div><div style="margin-bottom:9pt">The Operating Partnership</div><div style="text-indent:36pt">On February 5, 2020, the Company formed Angel Oak Mortgage Operating Partnership, LP, a Delaware limited partnership (the "Operating Partnership"), through which substantially all of its assets are held and substantially all of its operations are conducted, either directly or through subsidiaries. The Company holds all of the limited partnership interests in the Operating Partnership and indirectly holds the sole general partnership interest in the Operating Partnership through the general partner, which is the Company's wholly-owned subsidiary.</div><div style="text-indent:36pt">
</div><div>The Company's Manager and REIT status</div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">The Company is externally managed and advised by Falcons I, LLC (the "Manager"), a Securities and Exchange Commission-registered investment adviser and an affiliate of Angel Oak Capital Advisors, LLC ("Angel Oak Capital"). The Company has elected to be taxed as a real estate investment trust (a "REIT") under the Internal Revenue Code of 1986, as amended (the "Code"), commencing with its taxable year ended December 31, 2019.</div><div style="text-indent:36pt">
</div><div style="margin-bottom:9pt">Interim Financial Statements</div><div style="text-indent:36pt">The accompanying unaudited condensed consolidated financial statements have been prepared in conformity with the instructions to Article 10-01 of Regulation S-X for interim financial statements. Accordingly, they do not include all the information and footnotes required by generally accepted accounting principles in the United States of America ("GAAP") for complete financial statements. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the consolidated financial statements and related notes for the year ended December 31, 2023, included in the Company's Annual Report on Form 10-K for the year ended December 31, 2023 (the "Annual Report on Form 10-K").</div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">In the opinion of management, the accompanying condensed consolidated financial statements contain all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of the results for the interim periods presented. Such operating results may not be indicative of the expected results for any other interim periods or the entire year. The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany balances and transactions have been eliminated in consolidation.</div><div style="text-indent:36pt">
</div><div style="margin-bottom:9pt">Use of Estimates</div><div style="text-indent:36pt">The preparation of financial statements requires the Company to make a number of significant estimates. These include estimates of fair value of certain assets and liabilities, amounts and timing of credit losses, prepayment rates, and other estimates that affect the reported amounts of certain assets and liabilities as of the date of the condensed consolidated financial statements and the reported amounts of certain revenues and expenses during the reported periods. It is likely that changes in these estimates (e.g., fair value changes due to inputs and underlying assumptions as described in Note 9 — Fair Value Measurements, credit performance, prepayments, interest rates, or other reasons) will occur in the near term. The Company's estimates are inherently subjective in nature and actual results could differ from the Company's estimates and the differences could be material.</div><div>Reclassifications</div><div>
</div><div style="margin-bottom:9pt;text-indent:36pt">Certain comparative period amounts in the condensed consolidated financial statements have been reclassified for consistency with current period presentation. These reclassifications had no effect on the reported results of operations. Specifically, certain cash flows previously presented as cash flows from operating activities on the condensed consolidated statements of cash flows for the nine months-ended September 30, 2023, have been reclassified to cash flows from investing activities as Purchases of investments in majority-owned affiliates.</div><div style="margin-bottom:9pt">Recent Accounting Pronouncements</div><div style="margin-bottom:9pt;text-indent:36pt">The Company considers the applicability and impact of all Accounting Standards Updates ("ASUs"). There were no recent ASUs that are expected to have a significant impact on the Company's condensed consolidated financial statements when adopted or had a significant impact on the Company's condensed consolidated financial statements upon adoption.</div><div>Summary of Significant Accounting Policies</div>The Company's summary of significant accounting policies as set forth in its Annual Report on Form 10-K remain unchanged.<div style="margin-bottom:9pt">The Operating Partnership</div><div style="text-indent:36pt">On February 5, 2020, the Company formed Angel Oak Mortgage Operating Partnership, LP, a Delaware limited partnership (the "Operating Partnership"), through which substantially all of its assets are held and substantially all of its operations are conducted, either directly or through subsidiaries. The Company holds all of the limited partnership interests in the Operating Partnership and indirectly holds the sole general partnership interest in the Operating Partnership through the general partner, which is the Company's wholly-owned subsidiary.</div><div style="text-indent:36pt">
</div><div>The Company's Manager and REIT status</div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">The Company is externally managed and advised by Falcons I, LLC (the "Manager"), a Securities and Exchange Commission-registered investment adviser and an affiliate of Angel Oak Capital Advisors, LLC ("Angel Oak Capital"). The Company has elected to be taxed as a real estate investment trust (a "REIT") under the Internal Revenue Code of 1986, as amended (the "Code"), commencing with its taxable year ended December 31, 2019.</div><div style="margin-bottom:9pt">Interim Financial Statements</div><div style="text-indent:36pt">The accompanying unaudited condensed consolidated financial statements have been prepared in conformity with the instructions to Article 10-01 of Regulation S-X for interim financial statements. Accordingly, they do not include all the information and footnotes required by generally accepted accounting principles in the United States of America ("GAAP") for complete financial statements. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the consolidated financial statements and related notes for the year ended December 31, 2023, included in the Company's Annual Report on Form 10-K for the year ended December 31, 2023 (the "Annual Report on Form 10-K").</div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">In the opinion of management, the accompanying condensed consolidated financial statements contain all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of the results for the interim periods presented. Such operating results may not be indicative of the expected results for any other interim periods or the entire year. The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany balances and transactions have been eliminated in consolidation.</div><div style="margin-bottom:9pt">Use of Estimates</div><div style="text-indent:36pt">The preparation of financial statements requires the Company to make a number of significant estimates. These include estimates of fair value of certain assets and liabilities, amounts and timing of credit losses, prepayment rates, and other estimates that affect the reported amounts of certain assets and liabilities as of the date of the condensed consolidated financial statements and the reported amounts of certain revenues and expenses during the reported periods. It is likely that changes in these estimates (e.g., fair value changes due to inputs and underlying assumptions as described in Note 9 — Fair Value Measurements, credit performance, prepayments, interest rates, or other reasons) will occur in the near term. The Company's estimates are inherently subjective in nature and actual results could differ from the Company's estimates and the differences could be material.</div><div>Reclassifications</div><div>
</div><div style="margin-bottom:9pt;text-indent:36pt">Certain comparative period amounts in the condensed consolidated financial statements have been reclassified for consistency with current period presentation. These reclassifications had no effect on the reported results of operations. Specifically, certain cash flows previously presented as cash flows from operating activities on the condensed consolidated statements of cash flows for the nine months-ended September 30, 2023, have been reclassified to cash flows from investing activities as Purchases of investments in majority-owned affiliates.</div><div style="margin-bottom:9pt">Recent Accounting Pronouncements</div><div style="margin-bottom:9pt;text-indent:36pt">The Company considers the applicability and impact of all Accounting Standards Updates ("ASUs"). There were no recent ASUs that are expected to have a significant impact on the Company's condensed consolidated financial statements when adopted or had a significant impact on the Company's condensed consolidated financial statements upon adoption.</div><div>Summary of Significant Accounting Policies</div>The Company's summary of significant accounting policies as set forth in its Annual Report on Form 10-K remain unchanged.Variable Interest Entities<div style="text-indent:36pt">Since its inception, the Company has utilized variable interest entities ("VIEs") for the purpose of securitizing whole mortgage loans to obtain long-term non-recourse financing. The Company evaluates its interest in each VIE to determine if it is the primary beneficiary. </div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">VIEs for Which the Company is the Primary Beneficiary</div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">The Company entered into securitization transactions where it was determined that the Company has the power to direct the activities that most significantly impact the VIE's economic performance. The Company was the sole entity to contribute residential whole mortgage loans to these securitization vehicles.</div><div>
</div><div style="text-indent:36pt">The retained beneficial interest in VIEs for which the Company is the primary beneficiary is the subordinated tranches of the securitization and further interests in additional interest-only tranches. The following table summarizes the key details of the loan securitization transactions for which the Company is the primary beneficiary currently outstanding as of September 30, 2024 and December 31, 2023:</div><div>
</div><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:97.368%"><tr><td style="width:1.0%"></td><td style="width:48.749%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.051%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.924%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.851%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.925%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">As of:</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 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">December 31, 2023</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">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aggregate unpaid principal balance of residential whole loans sold</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">1,512,722 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3"

style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">1,334,963 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>Fair value adjustment for residential mortgage loans in securitization trusts</div></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(59,815)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(113,896)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>Residential mortgage loans in securitization trusts, at fair value</div></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,452,907 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,221,067 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Outstanding amount of Non-recourse securitization obligation, at amortized cost</td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">1,376,244 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">1,220,067 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Fair value adjustment for the portion of Non-recourse securitization obligation, at fair value option</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(22,486)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(50,912)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts</td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,353,758 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,169,155 </td><td style="background-color:#ccceff;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">Weighted average fixed rate for Non-recourse securitization obligation issued</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">3.51 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">2.91 </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></tr><tr style="height:5pt"><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>For the period ended:</div></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">September 30, 2024</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="9" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Aggregate unpaid principal balance of residential whole loans sold, at deal date </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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,010,214 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,710,381 </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:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Face amount of Non-recourse securitization obligation issued by the VIE and purchased by third-party investors, at deal date </td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,893,847 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,619,051 </td><td style="background-color:#ccceff;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">Face amount of Senior Support Certificates received by the Company, at deal date</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">116,367 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">91,330 </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:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Aggregate cash received, at deal date</td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">233,835 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">194,746 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> During the three months ended September 30, 2024, the Company did not issue and retain bonds on our consolidated balance sheets for any securitization transaction for which the Company was the primary beneficiary. For the nine months ended September 30, 2024 the Company and its affiliates issued and sold bonds with a current face value of $274.8 million to third-party investors for proceeds of $274.8 million, before offering costs and accrued interest. The sold bonds are included in “Non-recourse securitization obligations, collateralized by residential mortgage loans in securitization trusts” on the Company’s condensed consolidated balance sheets.
 As of September 30, 2024 and December 31, 2023, as a result of the transactions described above, securitized loans with outstanding principal balance of approximately $1.5 billion and $1.3 billion are included in “Residential mortgage loans in securitization trusts” on the Company’s condensed consolidated balance sheets, respectively. As of September 30, 2024 and December 31, 2023, the aggregate carrying value of sold bonds issued by consolidated VIEs was $1.4 billion and $1.2 billion, respectively. These sold bonds are disclosed as “Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts” on the Company’s condensed consolidated balance sheets. The holders of the securitized debt have no recourse to the general credit of the Company, but the Company does have the obligation, under certain circumstances, to repurchase assets from the VIE upon the breach of certain representations and warranties with respect to the residential whole loans sold to the VIE. In the absence of such a breach, the Company has no obligation to provide any other explicit or implicit support to any VIE.
 The Company concluded that the entities created to facilitate the loan securitization transactions are VIEs. The Company completed an analysis of whether each VIE created to facilitate the securitization transactions should be consolidated by the Company, based on consideration of its involvement in each VIE and whether its involvement reflected a controlling financial interest that resulted in the Company being deemed the primary beneficiary of each VIE. In determining whether the Company would be considered the primary beneficiary, the following factors were assessed:
 • whether the Company has both the power to direct the activities that most significantly impact the economic performance of the VIE; and • whether the Company has a right to receive benefits or absorb losses of the entity that could be potentially significant to the VIE.
 Based on its evaluation of the factors discussed above, including its involvement in the purpose and design of the entity, the Company determined that it was required to consolidate each VIE created to facilitate the loan securitization transactions.
 VIEs for Which the Company is Not the Primary Beneficiary
 The Company sponsored or participated along with other affiliates and entities managed by Angel Oak Capital in the formation of various entities that were considered to be VIEs. These VIEs were formed to facilitate securitization issuances that were comprised of secured residential whole loans and/or small balance commercial loans contributed to securitization trusts.
 These securities were issued as a result of the unconsolidated securitizations where the Company retained bonds from the issuances of securitizations issued by a depositor that the Company does not control. The Company determined that it was not then and is not now the primary beneficiary of any of these securitization entities, and thus has not consolidated the operating results or statements of financial position of any of these entities. The Company performs ongoing reassessments of all VIEs in which the Company has participated since its inception as to whether changes in the facts and circumstances regarding the Company’s involvement with a VIE would cause the Company’s consolidation conclusion to change, and the Company’s assessment of these VIEs remains unchanged.
 The securities received in the securitization transactions for which we are not the primary beneficiary were classified as “available for sale” upon receipt and are included in “RMBS - at fair value” and “Other Assets” on the condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023, and details on the accounting treatment and fair value methodology of the securities can be found in Note 9 — Fair Value Measurements. See also Note 4 — Investment Securities, for the fair value of AOMT securities held by the Company, and Note 13 - Other Assets, for investments in majority-owned affiliates (“MOAs”), as of September 30, 2024 and December 31, 2023 that were retained by the Company as a result of these securitization transactions. The following table summarizes the key details of the loan securitization transactions for which the Company is the primary beneficiary currently outstanding as of September 30, 2024 and December 31, 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:97.368%"><tr><td style="width:1.0%"></td><td style="width:48.749%"></td><td style="width:0.1%"></td><td style="width:0.851%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.924%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.851%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.925%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">As of:</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3"

style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 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">December 31, 2023</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">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom">Aggregate unpaid principal balance of residential whole loans sold</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">1,512,722 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">1,334,963 </td><td style="background-color:#cceecf;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"> Fair value adjustment for residential mortgage loans in securitization trusts </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">(59,815)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(113,896)</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:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom"> Residential mortgage loans in securitization trusts, at fair value </td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,452,907 </td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,221,067 </td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><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:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom">Outstanding amount of Non-recourse securitization obligation, at amortized cost</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">1,376,244 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">1,220,067 </td><td style="background-color:#cceecf;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">Fair value adjustment for the portion of Non-recourse securitization obligation, at fair value option</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">(22,486)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(50,912)</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:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom">Non-recourse securitization obligation, collateralized by residential mortgage loans in securitization trusts</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,353,758 </td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,169,155 </td><td style="background-color:#cceecf;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">Weighted average fixed rate for Non-recourse securitization obligation issued</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">3.51 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">2.91 </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></tr><tr style="height:5pt"><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> For the period ended: </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">September 30, 2024</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="background-color:#cceecf;border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="9" style="background-color:#cceecf;border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Aggregate unpaid principal balance of residential whole loans sold, at deal date </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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,010,214 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,710,381 </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:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom"> Face amount of Non-recourse securitization obligation issued by the VIE and purchased by third-party investors, at deal date </td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,893,847 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,619,051 </td><td style="background-color:#cceecf;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">Face amount of Senior Support Certificates received by the Company, at deal date</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">116,367 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">91,330 </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:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom">Aggregate cash received, at deal date</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">233,835 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">194,746 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
1512722000133496300059815000113896000145290700012210670001376244000122006700022486000-509120001353758000116915500000.03510.029120102140001710381000189384700016190510001163670009133000023383500019474600027480000027480000015000000001300000000140000000012000
style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:700;line-height:120%">Residential Mortgage Loans Residential mortgage loans are measured at fair value. The following table sets forth the cost, unpaid principal balance, net premium on mortgage loans purchased, fair value, weighted average interest rate, and weighted average remaining contractual maturity of the Company's residential mortgage loan portfolio as of September 30, 2024 and December 31, 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:98.830%"><tr><td style="width:1.0%"></td><td style="width:48.752%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.835%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.835%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:23.014%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 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">December 31, 2023</td></tr><tr><td colspan="3" style="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">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom">Cost</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">421,944 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">393,443 </td><td style="background-color:#cceecf;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;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom">Unpaid principal balance</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">411,468 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">386,872 </td><td style="background-color:#cceecf;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 premium on mortgage loans purchased</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:9pt;font-weight:400;line-

height:100%">10,476 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">6,571 </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">Change in fair value</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">6,965 </td><td style="background-color:#cceeff;padding: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">(13,403) </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">Fair value</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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">428,909 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">380,040 </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:9pt"><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></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Weighted average interest rate</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">7.73 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">6.78 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr style="height:9pt"><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"> Weighted average remaining contractual maturity (years) </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">30</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">29</td></tr></table>
 At times, various forms of margin maintenance may be required by certain financing facility counterparties. See Note 5 — Financing.
 The following table sets forth data regarding the number of consumer mortgage loans secured by residential real property ninety (90) or more days past due and also those in formal foreclosure proceedings, and the recorded investment and unpaid principal balance of such loans as of September 30, 2024 and December 31, 2023:
 <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:98.099%"><tr><td style="width:1.0%"></td><td style="width:49.123%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.843%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.745%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.843%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.746%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">As of:</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 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">December 31, 2023</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">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Number of mortgage loans 90 or more days past due</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="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">7</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Recorded investment in mortgage loans 90 or more days past due</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,174 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5,754 </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">Unpaid principal balance of loans 90 or more days past due</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,142 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">5,681 </td><td style="background-color:#cceeff;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;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">Number of mortgage loans in foreclosure</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:right;vertical-align:bottom">2</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Recorded investment in mortgage loans in foreclosure</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">569 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,956 </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">Unpaid principal balance of loans in foreclosure</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">551 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,889 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The following table sets forth the cost, unpaid principal balance, net premium on mortgage loans purchased, fair value, weighted average interest rate, and weighted average remaining contractual maturity of the Company's residential mortgage loan portfolio as of September 30, 2024 and December 31, 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:98.030%"><tr><td style="width:1.0%"></td><td style="width:48.752%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.835%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.835%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:23.014%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 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">December 31, 2023</td></tr><tr><td colspan="3" style="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">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cost</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">421,944 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">393,443 </td><td style="background-color:#cceeff;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;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">Unpaid principal balance</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">411,468 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">386,872 </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 premium on mortgage loans purchased</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">10,476 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">6,571 </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">Change in fair value</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">6,965 </td><td style="background-color:#cceeff;padding: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">(13,403) </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">Fair value</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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">428,909 </td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">380,040 </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:9pt"><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></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Weighted average interest rate</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">7.73 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">6.78 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr style="height:9pt"><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"> Weighted average remaining contractual maturity (years) </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">30</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">29</td></tr></table> 42194400039344300041146800038687200010476000657100069650000-13403000428909000380040000.07730.0678P30YP29V The following table sets forth data regarding the number of consumer mortgage loans secured by residential real property ninety (90) or more days past due and also those in formal foreclosure proceedings, and the recorded investment and unpaid principal balance of such loans as of September 30, 2024 and December 31, 2023:
 <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:98.099%"><tr><td style="width:1.0%"></td><td style="width:49.123%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.843%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.745%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.843%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.746%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">As of:</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 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">December 31, 2023</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">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Number of mortgage loans 90 or more days past due</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="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">7</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Recorded investment in mortgage loans 90 or more days past due</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,174 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5,754 </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">Unpaid principal balance of loans 90 or more days past due</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,142 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">5,681 </td><td style="background-color:#cceeff;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;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">Number of mortgage loans in foreclosure</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:right;vertical-align:bottom">2</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Recorded investment in mortgage loans in foreclosure</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">569 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1,956 </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">Unpaid principal balance of loans in foreclosure</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">551 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,889 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 5721740005754000214200056810001256900019560005510001889000Investment Securities As of September 30, 2024, investment securities were comprised of: (i) non-agency RMBS ("AOMT RMBS") and (ii) Freddie Mac and Fannie Mae whole pool agency RMBS ("Whole Pool Agency RMBS", and together with AOMT RMBS, "RMBS"), and (iii) U.S. Treasury securities. The U.S. Treasury securities held by the Company as of September 30, 2024 subsequently matured on October 3, 2024. The following table sets forth a summary of RMBS at cost as of September 30, 2024 and December 31, 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:34.280%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:29.163%"></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:32.234%"></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">September 30, 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">December 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 thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">AOMT RMBS</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">88,998 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">94,957 </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">Whole Pool Agency RMBS</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">194,697 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">391,964 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The following tables sets forth certain information about the Company's investments in RMBS at fair value as of September 30, 2024 and December 31, 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:24.777%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:26.239%"></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:25.361%"></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:17.763%"></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">Real Estate Securities at Fair Value</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">Securities Sold Under Agreements to Repurchase</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">Allocated Capital</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024:</td><td colspan="15" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in thousands)</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> AOMT RMBS(1) </td><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="padding:0 1pt"></td><td colspan="3" style="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></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:bottom">Mezzanine</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">13,463 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td

style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">(5,292)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">8,171 </td><td style="background-color:#ccceff;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 12.25pt;text-align:left;vertical-align:bottom">Subordinate</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">62,223 </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 colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(20,175)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">42,048 </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:#ccceff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:bottom">Interest Only/Excess</td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">13,055 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">13,055 </td><td style="background-color:#ccceff;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"><div>Retained RMBS in VIEs(2)</div></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">(27,697)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(27,697) </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:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total AOMT RMBS</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">88,741 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(53,164)</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">35,577 </td><td style="background-color:#ccceff;border-top:1pt solid #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><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;text-align:left;vertical-align:bottom"> Whole Pool Agency RMBS(3) </td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #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:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Fannie Mae</td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">158,040 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">158,040 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Freddie Mac</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">36,324 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">36,324 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>Total Whole Pool Agency RMBS</div></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">194,364 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">194,364 </td><td style="background-color:#ccceff;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"> Total RMBS(2) </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">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">283,105 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">(53,164)</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">229,941 </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>
 (1) AOMT RMBS held as of September 30, 2024 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions. (2) A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $143.5 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets. (3) The whole pool RMBS presented as of September 30, 2024 were purchased from a broker to whom the Company owes approximately $195 million, payable upon the settlement date of the trade. See Note 6 - Due to Broker. There was no margin collateral required as of September 30, 2024.</div><div style="margin-bottom:4pt"><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:25.508%"></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:30.625%"></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:19.221%"></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:18.056%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Real Estate Securities at Fair Value</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">Securities Sold Under Agreements to Repurchase</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">Allocated Capital</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="3" style="padding:0 1pt"></td><td colspan="15" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>AOMT RMBS(1)</div></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;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:#ffffff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:bottom">Mezzanine</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">10,972 </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">(844)</td><td style="background-

color:#ffffff;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">10,128 </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 12.25pt;text-align:left;vertical-align:bottom">Subordinate</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">55,665 </td><td style="background-color:#cceeff;padding: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">(19,812) </td><td style="background-color:#cceeff;padding: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">35,853 </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 12.25pt;text-align:left;vertical-align:bottom">Interest Only/Excess</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">13,059 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(1,871) </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">11,188 </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"><div>Retained RMBS in VIEs(2)</div></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">(22,116)</td><td style="background-color:#cceeff;padding: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">(22,116)</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 AOMT RMBS</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">79,696 </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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(44,643)</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">35,053 </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="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></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;text-align:left;vertical-align:bottom"> Whole Pool Agency RMBS (3) </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #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:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Fannie Mae</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">278,510 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">278,510 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Freddie Mac</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">113,852 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">113,852 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>Total Whole Pool Agency RMBS</div></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">392,362 </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">392,362 </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">Total RMBS</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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">472,058 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">(44,643)</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">427,415 </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> (1)
— AOMT RMBS held as of December 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions. (2)A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $124.1 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets. (3)The whole pool RMBS presented as of December 31, 2023 were purchased from a broker to whom the Company owes approximately $392 million, payable upon the settlement date of the trade. See Note 6 - Due to Broker.</div><div style="margin-bottom:9pt;text-indent:36pt">The following table sets forth certain information about the Company's investments in U.S. Treasury securities as of September 30, 2024 and December 31, 2023:</div><div style="margin-bottom:9pt;margin-top:5pt"><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:16.297%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.449%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.935%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:13.373%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.935%"></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:1.0%"></td><td style="width:16.885%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Date</td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Face Value</td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Unamortized Discount, net</td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Amortized Cost</td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom"><div style="text-align:center">Unrealized Gain/(Loss)</div></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair Value</td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Net Effective Yield</td></tr><tr><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="18" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">50,000 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">16 </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">49,984 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(13)</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">49,971 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3.89 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">December 31, 2023</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">150,000 </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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">159 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">149,841 </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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">86 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">149,927 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5.30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The following table sets forth a summary of RMBS at cost as of September 30, 2024 and December 31, 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:34.280%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:29.163%"></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:32.234%"></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">September 30, 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">December 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 thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">AOMT RMBS</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">88,998 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">84,957 </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">Whole Pool Agency RMBS</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">194,697 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">391,964 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The following table sets forth certain information about the Company's investments in U.S. Treasury securities as of September 30, 2024 and December 31, 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:16.297%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.449%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.935%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:13.373%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.935%"></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:1.0%"></td><td style="width:16.885%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Date</td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Face Value</td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Unamortized Discount, net</td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Amortized Cost</td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom"> Unrealized Gain/(Loss) </td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Fair Value</td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">Net Effective Yield</td></tr><tr><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="18" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">50,000 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">16 </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">49,984 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(13)</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">49,971 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3.89 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">December 31, 2023</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">150,000 </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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">159 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">149,841 </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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">86 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">149,927 </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5.30 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr></table> 88998000849570001946970003919640000 The following tables sets forth certain information about the Company's investments in RMBS at fair value as of September 30, 2024 and December 31, 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:24.777%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:26.239%"></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:25.361%"></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:17.763%"></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">Real Estate Securities at Fair Value</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">Securities Sold Under Agreements to Repurchase</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">Allocated Capital</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024:</td><td colspan="15" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in thousands)</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> AOMT RMBS(1) </td><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="padding:0 1pt"></td><td colspan="3" style="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></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:bottom">Mezzanine</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">13,463 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(5,292)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 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">8,171 </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 12.25pt;text-align:left;vertical-align:bottom">Subordinate</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">62,223 </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 colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(20,175)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">42,048 </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 12.25pt;text-align:left;vertical-align:bottom">Interest Only/Excess</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">13,055 </td><td style="background-color:#cceeff;padding: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">13,055 </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"><div>Retained RMBS in VIEs (2) </div></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">(27,697)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(27,697)</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 AOMT RMBS</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">88,741 </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">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(53,164)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">35,577 </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="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><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="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Whole Pool Agency RMBS (3) </td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #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:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Fannie Mae</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">158,040 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">158,040 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Freddie Mac</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">36,324 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">36,324 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>Total Whole Pool Agency RMBS</div></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">194,364 </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">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">194,364 </td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Total RMBS </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">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">283,105 </td><td style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">(53,164)</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">229,941 </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>
 (1) AOMT RMBS held as of September 30, 2024 included both retained tranches of AOMT securitizations in which the Company participated and additional AOMT securities purchased in secondary market transactions. (2) A portion of repurchase debt includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). These bonds, with a fair value of $143.5 million, are not reflected in the condensed consolidated balance sheets, as the Company reflects the assets of the VIE (residential mortgage loans in securitization trusts - at fair value) on its consolidated balance sheets. (3) The whole pool RMBS presented as of September 30, 2024 were purchased from a broker to whom the Company owes approximately $195 million, payable upon the settlement date of the trade. See Note 6 - Due to Broker. There was no margin collateral required as of September 30, 2024.</div><div style="margin-bottom:4pt"><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:25.508%"></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:30.625%"></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:19.221%"></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:18.056%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Real Estate Securities at Fair Value</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">Securities Sold Under Agreements to Repurchase</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">Allocated Capital</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="15" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>AOMT RMBS(1)</div></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="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 12.25pt;text-align:left;vertical-align:bottom">Mezzanine</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">10,972 </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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(844)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td

style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">10,128 </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 12.25pt;text-align:left;vertical-align:bottom">Subordinate</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">55,665 </td><td style="background-color:#cceeff;padding: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">(19,812) </td><td style="background-color:#cceeff;padding: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">35,853 </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 12.25pt;text-align:left;vertical-align:bottom">Interest Only/Excess</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">13,059 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(1,871) </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">11,188 </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"> Retained RMBS in VIEs (2) </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">(22,116)</td><td style="background-color:#cceeff;padding: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">(22,116)</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 AOMT RMBS</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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">79,696 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(44,643)</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">35,053 </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="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none">

weight:700;line-height:100%">September 30, 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">December 31, 2023</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="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><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 thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Multinational Bank 1 (1) </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">Average Daily SOFR</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"> 1.75% - 2.10% </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">292,060 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">206,183 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:5pt"><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"> Global Investment Bank 2 (2) </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"> 1 month Term SOFR </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"> 2.10% - 3.45% </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"> Global Investment Bank 3 (3) </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">Compound SOFR</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"> 2.00% - 4.50% </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">40,982 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">84,427 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:5pt"><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"> Institutional Investors A and B (4) </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">1 month Term SOFR</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">3.50%</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">N/A</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 style="height:5pt"><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"> Regional Bank 1(5) </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">1 month SOFR</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"> 2.50% - 3.50% </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">N/A</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">Total</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;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">333,042 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">290,610 </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> (1) On September 25, 2024, this financing facility was extended through March 25, 2025 in accordance with the terms of the agreement, which contemplates six-month renewals. (2) On March 28, 2024 the amended and restated Master Repurchase Agreement was terminated and replaced with a new $250 million Master Repurchase Agreement which has a termination date of March 27, 2026. On October 25, 2024, this facility was amended, reducing the interest rate pricing spread to a range from 1.75% to 3.35%, based on loan status, dwell time and other factors. Prior to this extension the interest rate pricing spread ranged from 2.10% to 3.35% (See Note 16 — Subsequent Events).</div><div style="margin-bottom:9pt;padding-left:36pt;text-indent:-36pt">(3) On November 1, 2024, this facility was amended to (i) reduce the interest rate pricing spread to a range from 1.90% to 4.75%, based on loan status, dwell time and other factors, (ii) eliminate the 20 basis point index spread adjustment, and (iii) extend the facility's termination date to November 1, 2025. (See note 16 — Subsequent Events).</div><div style="margin-bottom:9pt;padding-left:36pt;text-indent:-36pt">(4) These master repurchase agreements expired by their terms on January 4, 2023.</div><div style="margin-bottom:9pt;padding-left:36pt;text-indent:-36pt">(5) This agreement expired by its terms on March 16, 2023.</div><div style="text-indent:36pt">The following table sets forth the total unused borrowing capacity of each financing line as of September 30, 2024:</div><div><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.122%"><tr><td style="width:1.0%"></td><td style="width:40.787%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.537%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.631%"></td><td style="width:0.1%"></td><td style="width:0.832%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:18.516%"></td><td style="width:0.1%"></td><td style="width:0.832%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:15.865%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Note Payable</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Borrowing Capacity</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Balance Outstanding</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Available Financing</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="15" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>Multinational Bank 1</div></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">600,000 </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">292,060 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">307,940 </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"> Global Investment Bank 2 </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">250,000 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">250,000 </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"> Global Investment Bank 3 </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">200,000 </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 colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">40,982 </td><td style="background-color:#cceeff;padding: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">159,018 </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</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">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,050,000 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">333,042 </td><td style="background-color:#ffffff;border-bottom: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: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">716,958 </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>
 Although available financing is uncommitted for each of these lines of credit, the Company's unused borrowing capacity is available if it has eligible collateral to pledge and meets other borrowing conditions as set forth in the applicable agreements.
 Senior Unsecured Notes
 On July 25, 2024, the Company closed an underwritten public offering and sale of, and issued, $50 million in aggregate principal amount of its 9.500% Senior Notes due 2029 (the "Notes"). The Notes bear interest at a rate of 9.500% per annum, payable quarterly in arrears on January 30, April 30, July 30 and October 30 of each year, commencing on October 30, 2024. The Notes will mature on July 30, 2029, unless earlier redeemed or repurchased by the Company and are held at amortized cost. After deducting the underwriting discount and other debt issuance costs, the Company received net proceeds of approximately $47.5 million.
 The Company may redeem the Notes in whole or in part at any time or from time to time at its option on or after July 30, 2026 at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest to, but excluding, the redemption date. Upon the occurrence of certain events relating to a change of control of the Company, the Company must make an offer to repurchase all outstanding Notes at a price in cash equal to 101% of the principal amount of the Notes, plus accrued and unpaid interest to, but excluding, the repurchase date.
 The Notes are fully and unconditionally guaranteed on a senior unsecured basis by the Operating Partnership, including the due and punctual payment of principal of, premium, if any, and interest on the Notes, whether at stated maturity, upon acceleration, call for redemption or otherwise.
 At September 30, 2024, the outstanding principal amount of the these notes was $50 million and the accrued interest payable on the Notes was $0.9 million. At September 30, 2024, the unamortized deferred debt issuance cost was $1.5 million, and the net interest expense was $1.0 million. The unamortized deferred debt issuance costs will be amortized until maturity, which will be no later than July 30, 2029.</div>00<div style="margin-bottom:9pt;text-indent:36pt">The following table sets forth the details of the Company's notes payable and drawn amounts for whole loan purchases as of September 30, 2024 and December 31, 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:25.800%"></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:22.730%"></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:13.958%"></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:14.543%"></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:14.549%"></td><td style="width:0.1%"></td></tr><tr style="height:12pt"><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="padding:0 1pt"></td><td colspan="3" rowspan="2" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Interest
Rate Pricing
Spread</td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Drawn Amount</td></tr><tr style="height:12pt"><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Note Payable</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Base Interest Rate</td><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">September 30, 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">December 31, 2023</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="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><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">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Multinational Bank 1 (1) </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">Average Daily SOFR</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"> 1.75% – 2.10% </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">292,060 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">206,183 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:5pt"><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"> Global Investment Bank 2 (2) </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"> 1 month Term SOFR </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"> 2.10% - 3.45% </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"> Global Investment Bank 3 (3) </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">Compound SOFR</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"> 2.00% - 4.50% </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">40,982 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">84,427 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:5pt"><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"> Institutional Investors A and B (4) </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">1 month Term SOFR</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">3.50%</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">N/A</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 style="height:5pt"><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"> Regional Bank 1 (5) </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">1 month SOFR</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"> 2.50% - 3.50% </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">N/A</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">Total</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"

size:5.85pt;font-weight:400;line-height:120%;position:relative;top:-3.15pt;vertical-align:baseline">(2) On March 28, 2024 the amended and restated Master Repurchase Agreement was terminated and replaced with a new $250 million Master Repurchase Agreement which has a termination date of March 27, 2026. On October 25, 2024, this facility was amended, reducing the interest rate pricing spread to a range from 1.75% to 3.35%, based on loan status, dwell time and other factors. Prior to this extension the interest rate pricing spread ranged from 2.10% to 3.35% (See Note 16 — Subsequent Events).</div><div style="margin-bottom:9pt;padding-left:36pt;text-indent:-36pt">(3) On November 1, 2024, this facility was amended to (i) reduce the interest rate pricing spread to a range from 1.90% to 4.75%, based on loan status, dwell time and other factors, (ii) eliminate the 20 basis point index spread adjustment, and (iii) extend the facility's termination date to November 1, 2025. (See note 16 — Subsequent Events).</div><div style="margin-bottom:9pt;padding-left:36pt;text-indent:-36pt">(4) These master repurchase agreements expired by their terms on January 4, 2023.</div><div style="margin-bottom:9pt;padding-left:36pt;text-indent:-36pt">(5) This agreement expired by its terms on March 16, 2023.</div><div style="text-indent:36pt">The following table sets forth the total unused borrowing capacity of each financing line as of September 30, 2024:</div><div><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.122%"><tr><td style="width:1.0%"></td><td style="width:40.787%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.537%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:17.631%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.832%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:18.516%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.832%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:15.865%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Note Payable</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Borrowing Capacity</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Balance Outstanding</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Available Financing</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="15" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>Multinational Bank 1</div></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">600,000 </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">292,060 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">307,940 </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"> Global Investment Bank 2 </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">250,000 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">250,000 </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"> Global Investment Bank 3 </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">200,000 </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 colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">40,982 </td><td style="background-color:#cceeff;padding: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">159,018 </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</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">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,050,000 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">333,042 </td><td style="background-color:#ffffff;border-bottom: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: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">716,958 </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>
0.01750.021029206000020618300000.02100.0345000.02000.045040982000844270000.035000.02500.035003330420002906100 00P6M2500000000.01750.03350.02100.03350.01900.04750.0020600000
style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:700;line-height:120%">Due to Broker The "Due to broker" account on the condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023, respectively, in the amounts of $195 million and $392 million relates to the purchase of Whole Pool Agency RMBS at quarter-end in the third and fourth quarters of 2024 and 2023, respectively. Purchases are accounted for on a trade date basis, and, at times, there may be a timing difference between accounting periods for the trade date and the settlement date of a trade. The trade dates of these purchases were prior to the applicable quarter-end dates. These trades settled on October 15, 2024 and January 16, 2024, respectively, at which time these assets were simultaneously sold. The purchase transactions of these Whole Pool Agency RMBS are excluded from the condensed consolidated statements of cash flows until settled. 19500000039200000Securities Sold Under Agreements to Repurchase Transactions involving securities sold under agreements to repurchase are treated as collateralized financial transactions, and are recorded at their contracted repurchase amounts. Margin (if required) for securities sold under agreements to repurchase represents margin collateral amounts held to ensure that the Company has sufficient coverage for securities sold under agreements to repurchase in case of adverse price changes. Restricted cash of margin collateral for securities sold under agreements to repurchase was $0.3 million as of September 30, 2024 and December 31, 2023, respectively.</div><div style="margin-bottom:9pt;text-indent:36pt">The following table summarizes certain characteristics of the Company's repurchase agreements as of September 30, 2024 and December 31, 2023:</div><div><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:37.113%"></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:18.080%"></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:18.080%"></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:20.131%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</td><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="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">Repurchase Agreements</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Amount Outstanding</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted Average Interest Rate</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted Average Remaining Maturity (Days)</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="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">($ in thousands)</td><td colspan="3" style="padding:0 1pt"></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><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">U.S. Treasury securities</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">49,712 </td><td style="background-color:#cceeff;padding: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">4.90 </td><td style="background-color:#cceeff;padding: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:right;vertical-align:bottom">3</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>AOMT RMBS (1)</div></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">53,164 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">6.35 </td><td style="background-color:#ffffff;padding: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:right;vertical-align:bottom">18</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 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:9pt;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">102,876 </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 colspan="2" style="background-color:#cceeff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5.65 </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;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">11</td></tr><tr style="height:15pt"><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;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:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">December 31, 2023</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Repurchase Agreements</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">Amount Outstanding</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">Weighted Average Interest Rate</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">Weighted Average Remaining Maturity (Days)</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:#ceceff;border-top:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom"> U.S. Treasury securities </td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">149,013 </td><td style="background-color:#ceceff;border-top:1pt solid #000000;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;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5.57 </td><td style="background-color:#ceceff;border-top:1pt solid #000000;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="3" style="background-color:#ceceff;border-top:1pt solid #000000;padding:2px 1pt;text-align:right;vertical-align:bottom">10</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>AOMT RMBS (1)</div></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">44,643 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">7.04 </td><td style="background-color:#ffffff;padding: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:right;vertical-align:bottom">16</td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;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:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">193,656 </td><td style="background-color:#ceceff;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:#ceceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5.91 </td><td style="background-color:#ceceff;border-top:1pt solid #000000;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="3" style="background-color:#ceceff;border-top:1pt solid #000000;padding:2px 1pt;text-align:right;vertical-align:bottom">11</td></tr></table>
 (1) A portion of repurchase debt outstanding as of both September 30, 2024 and December 31, 2023 includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). See Note 4 - Investment Securities. Although the transactions under repurchase agreements represent committed borrowings until maturity, the lenders retain the right to mark the underlying collateral at fair value. A reduction in the value of pledged assets would require the Company to provide additional collateral or fund margin calls.300000300000 The following table summarizes certain characteristics of the Company's repurchase agreements as of September 30, 2024 and December 31, 2023: <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:37.113%"></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:18.080%"></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:18.080%"></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:20.131%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</td><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="padding:0 1pt"></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">Repurchase Agreements</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Amount Outstanding</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted Average Interest Rate</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted Average Remaining Maturity (Days)</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="3" style="border-top:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">($ in thousands)</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">U.S. Treasury securities</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 style="background-color:#ceceff;padding:2px 0;text-align:right;vertical-align:bottom">49,712 </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">4.90 </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="3" style="background-color:#ceceff;padding:2px 1pt;text-align:right;vertical-align:bottom">3</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>AOMT RMBS (1)</div></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">53,164 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">6.35 </td><td style="background-color:#ffffff;padding: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:right;vertical-align:bottom">18</td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;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:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">102,876 </td><td style="background-color:#ceceff;border-top:1pt solid #000;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;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5.65 </td><td style="background-color:#ceceff;border-top:1pt solid #000000;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="3" style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">11</td></tr><tr style="height:15pt"><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;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:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">December 31, 2023</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Repurchase Agreements</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">Amount Outstanding</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">Weighted Average Interest Rate</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">Weighted Average Remaining Maturity (Days)</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:#ceceff;border-top:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom"> U.S. Treasury securities </td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">149,013 </td><td style="background-color:#ceceff;border-top:1pt solid #000000;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;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5.57 </td><td style="background-color:#ceceff;border-top:1pt solid #000000;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="3" style="background-color:#ceceff;border-top:1pt solid #000000;padding:2px 1pt;text-align:right;vertical-align:bottom">10</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div>AOMT RMBS (1)</div></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">44,643 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">7.04 </td><td style="background-color:#ffffff;padding: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:right;vertical-align:bottom">16</td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt 2px 7.75pt;text-align:left;vertical-align:bottom">Total</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;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:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceceff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">193,656 </td><td style="background-color:#ceceff;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:#ceceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceceff;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:9pt;font-weight:400;line-height:100%">5.91 </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;border-top:1pt solid #000000;padding:2px 1pt;text-align:right;vertical-align:bottom">11</td></tr></table>
 (1) A portion of repurchase debt outstanding as of both September 30, 2024 and December 31, 2023 includes borrowings against retained bonds received from on-balance sheet securitizations (i.e., consolidated VIEs). See Note 4 - Investment Securities. 497120000.0490P3D531640000.0635P18D1028760000.0565P11D1490130000.0557P10D446430000.0704P16D1936560000.0591P11DDerivative Financial Instruments In the normal course of business, the Company enters into derivative financial instruments to manage its exposure to market risk, including interest rate risk and prepayment risk on its whole loan investments. The derivatives in which the Company invests, and the market risk that the economic hedge is intended to mitigate are further discussed below. Derivative instruments as of September 30, 2024 and December 31, 2023 included both To-Be-Announced ("TBA") securities and interest rate futures contracts. Restricted cash relating to interest rate futures margin collateral in interest rate futures accounts under the Company's sole control as of September 30, 2024 and December 31, 2023 included $2.3 million and $2.5 million, respectively. There was no TBA margin collateral required as of either September 30, 2024 or December 31, 2023. For the three and nine months ended September 30, 2024, we recognized income tax expense and a corresponding liability related to income from our TBAs. </div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">The Company uses interest rate futures as economic hedges to hedge a portion of its interest rate risk exposure. Interest rate risk is sensitive to many factors, including governmental monetary and tax policies, domestic and international economic and political considerations, as well as other factors. The Company's credit risk with respect to economic hedges is the risk of default on its investments that result from a borrower's or counterparty's inability or unwillingness to make contractually required payments.</div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">The Company may at times hold TBAs in order to mitigate its interest rate risk on certain specified mortgage-backed securities. Amounts or obligations owed by or to the Company are subject to the right of set-off with the TBA counterparty. As part of executing these trades, the Company may enter into agreements with its TBA counterparties that govern the transactions for the TBA purchases or sales made, including margin maintenance, payment and transfer, events of default, settlements, and various other provisions.</div><div style="text-indent:36pt">
</div><div style="text-indent:36pt">Changes in the value of derivatives designed to protect against mortgage-backed securities fair value fluctuations, or economic hedging gains and losses, are reflected in the tables below. All realized and unrealized gains and losses on derivative contracts are recognized in earnings, in "net realized gain (loss) on mortgage loans, derivative contracts, RMBS, and CMBS" for realized gains and losses, and "net unrealized gain (loss) on trading securities, mortgage loans, portion of debt at fair value option, and derivative contracts" for unrealized gains and losses.</div><div style="text-indent:36pt">
</div><div style="margin-bottom:9pt;text-indent:36pt">The Company considers the notional amounts, categorized by primary underlying risk, to be representative of the volume of its derivative activities.</div><div style="margin-bottom:9pt;text-indent:36pt">The following table sets forth the derivative instruments presented on the condensed consolidated balance sheets and notional amounts as of September 30, 2024 and December 31, 2023:</div><div style="margin-bottom:4pt;margin-top:5pt"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.269%"><tr><td style="width:1.0%"></td><td style="width:14.069%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.727%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.356%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.123%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.325%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.830%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.682%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.308%"></td><td style="width:0.1%"></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="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="padding:0 1pt"></td><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="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Notional Amounts</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">As of:</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><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Number of Contracts</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Assets</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">Liabilities</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">Long Exposure</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">Short Exposure</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="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;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:bottom">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</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">Interest rate futures</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">2,404</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,392 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">240,400 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">TBAs</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">N/A</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">259 </td><td style="background-color:#ffffff;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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</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">203,400 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:9pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt">

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:27.847%"></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:21.853%"></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:21.853%"></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:21.857%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></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><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Net Realized Gains (Losses) on Derivative Instruments</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">Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments</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="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">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Three Months Ended September 30, 2024</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">Interest rate futures</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(4,461)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,184 </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">Three Months Ended September 30, 2024</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">TBAs</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3,115 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(1,235)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:8pt"><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">Three Months Ended September 30, 2023</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">Interest rate futures</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,828 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(364)</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">Three Months Ended September 30, 2023</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">TBAs</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7,421 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:8pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,927 </td><td style="background-color:#cceeff;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:27.847%"></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:21.853%"></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:21.853%"></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:21.857%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></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><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Net Realized Gains (Losses) on Derivative Instruments</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">Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments</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="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">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Nine Months Ended September 30, 2024</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">Interest rate futures</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(622)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,232 </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">Nine Months Ended September 30, 2024</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">TBAs</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5,238 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">753 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:8pt"><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">Nine Months Ended September 30, 2023</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">Interest rate futures</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">8,599 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(2,416)</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">Nine Months Ended September 30, 2023</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">TBAs</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,900 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:8pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(5,379)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 2300000025000000 The following table sets forth the derivative instruments presented on the condensed consolidated balance sheets and notional amounts as of September 30, 2024 and December 31, 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.269%"><tr><td style="width:1.0%"></td><td style="width:14.069%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.727%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.356%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.123%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:8.325%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.830%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.682%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.536%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:12.308%"></td><td style="width:0.1%"></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="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="padding:0 1pt"></td><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="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Notional Amounts</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">As of:</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><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Number of Contracts</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Assets</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">Liabilities</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">Long Exposure</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">Short Exposure</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="3" style="border-top:1pt solid #000000;padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000000;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:bottom">

($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</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">Interest rate futures</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">2,404</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,392 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">240,400 </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">September 30, 2024</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">TBAs</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">N/A</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">259 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">203,400 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:9pt"><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><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">December 31, 2023</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">Interest rate futures</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">1,489</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">840 </td><td style="background-color:#ffffff;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">148,900 </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">December 31, 2023</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">TBAs</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">N/A</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">494 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">386,700 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
2404139200000240400000259000002034000001489084000001489000000494000038670000 The gains and losses arising from these derivative instruments in the condensed consolidated statements of operations and comprehensive income (loss) for the three and nine months ended September 30, 2024 and September 30, 2023 are set forth 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:27.847%"></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:21.853%"></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:21.853%"></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:21.857%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></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><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Net Realized Gains (Losses) on Derivative Instruments</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">Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments</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="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">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Three Months Ended September 30, 2024</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">Interest rate futures</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(4,461)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,104 </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">Three Months Ended September 30, 2024</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">TBAs</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">3,115 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(1,235)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:8pt"><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">Three Months Ended September 30, 2023</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">Interest rate futures</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">2,828 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(364)</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">Three Months Ended September 30, 2023</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">TBAs</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">7,421 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:8pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,927 </td><td style="background-color:#cceeff;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:27.847%"></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:21.853%"></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:21.853%"></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:21.857%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></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><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Net Realized Gains (Losses) on Derivative Instruments</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">Net Change in Unrealized Appreciation (Depreciation) on Derivative Instruments</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="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">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Nine Months Ended September 30, 2024</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">Interest rate futures</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(622)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,232 </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">Nine Months Ended September 30, 2024</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">TBAs</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5,238 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">753 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:8pt"><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">Nine Months Ended September 30, 2023</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">Interest rate futures</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">8,599 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(2,416)</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">Nine Months Ended September 30, 2023</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">TBAs</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">4,900 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:8pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(5,379)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> -4461000118400031150 00-12350002828000-364000742100049270 00-622000223200052380007530008599000-24160004900000-5379000Fair Value Measurements For financial reporting purposes, we follow a fair value hierarchy established under GAAP that is used to determine the fair value of financial instruments. This hierarchy prioritizes relevant market inputs in order to determine an “exit price” at the measurement date, or the price at which an asset could be sold or a liability could be transferred in an orderly process that is not a forced liquidation or distressed sale. Level 1 inputs are observable inputs that reflect quoted prices for identical assets or liabilities in active markets. Level 2 inputs are observable inputs other than quoted prices for an asset or liability that are obtained through corroboration with observable market data. Level 3 inputs are unobservable inputs (e.g., our own data or assumptions) that are used when there is little, if any, relevant market activity for the asset or liability required to be measured at fair value.
 In certain cases, inputs used to measure fair value fall into different levels of the fair value hierarchy. In such cases, the level at which the fair value measurement falls is determined based on the lowest level input that is significant to the fair value measurement. Our assessment of the significance of a particular input requires judgment and considers factors specific to the asset or liability being measured.
 As of September 30, 2024, our valuation policy and processes had not changed from those described in our consolidated financial statements for the year ended December 31, 2023 included in the Annual Report on Form 10-K. Included in Note 10 — Fair Value Measurements to the Consolidated Financial Statements for the year ended December 31, 2023 included in the Annual Report on Form 10-K is a detailed description of our other financial instruments measured at fair value and their significant inputs, as well as the general classification of such instruments pursuant to the Level 1, Level 2, and Level 3 valuation hierarchy. The fair value of cash, restricted cash, principal and interest receivable, other assets (excluding investments in MOAs), notes payable, securities sold under agreements to repurchase, amounts due to broker and accrued expenses (including those payable to an affiliate and management fees payable to an affiliate), and interest payable approximate their carrying values due to the nature of these assets and liabilities. The Company’s “investments in majority-owned affiliates” included in other assets (see Note 13 — Other Assets) and a portion of “non-recourse securitization obligations, collateralized by residential mortgage loans” are held at amortized cost. The fair value of these assets and liabilities is disclosed further below in the section titled “Assets and Liabilities Held at Amortized Cost - Fair Value Disclosure”.
 The following table sets forth information about the Company’s financial assets and liabilities measured at fair value as of September 30, 2024: <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:38.373%"></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:13.666%"></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:13.373%"></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:13.666%"></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:12.502%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</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">Level 2</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">Level 3</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: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:bottom">(in thousands)</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Assets, at fair value</td><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="padding:0 1pt"></td><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="padding:0 1pt"></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 2px 12.25pt;text-align:left;vertical-align:bottom">Residential mortgage loans</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">426,501 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,408 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">428,909 </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 12.25pt;text-align:left;vertical-align:bottom">Residential mortgage loans in securitization trusts</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">1,425,632 </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">27,275 </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 colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,452,907 </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">Investments in securities</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">AOMT RMBS (1) </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">88,741 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">88,741 </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 12.25pt;text-align:left;vertical-align:bottom">Whole Pool Agency RMBS</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">194,364 </td><td style="background-color:#cceeff;padding: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">194,364 </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"> U.S. Treasury Securities </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">49,971 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">49,971 </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 Assets, at fair value (2) </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">11,178 </td><td style="background-color:#cceeff;padding: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">11,178 </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"> Unrealized appreciation on futures contracts </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">1,392 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">1,392 </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"> Unrealized appreciation on TBAs </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">— </td><td style="background-color:#cceeff;padding: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">259 </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, at fair value</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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">51,622 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,146,416 </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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">29,683 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,227,721 </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 style="height:15pt"><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 #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 #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 #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 #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Liabilities, at fair value</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"> Non-recourse securitization obligation, collateralized by residential mortgage loans (3) </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,289,236 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 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 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:9pt;font-weight:400;line-height:115%">The following table sets forth information regarding the Company's significant Level 3 inputs as of September 30, 2024:
 <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:28.724%"></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:10.888%"></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:21.707%"></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:15.420%"></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:15.425%"></td><td style="width:0.1%"></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="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="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Input Values</td></tr><tr><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Asset</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Fair Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Unobservable Input</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">Range</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Average</td></tr><tr><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></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 thousands)</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;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-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Residential mortgage loans, at fair value</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">2,408</td><td style="background-color:#cceeff;padding: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">Prepayment rate (annual CPR)</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"><div style="text-align:center">5.28% - 19.36%</div></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">12.27%</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="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:left;vertical-align:bottom">Default rate</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"><div style="text-align:center">7.62% - 35.41%</div></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">19.02%</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="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:left;vertical-align:bottom">Loss severity</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"><div style="text-align:center">—% - 17.08%</div></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">9.46%</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="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:left;vertical-align:bottom">Expected remaining life</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"><div style="text-align:center">0.67 - 4.28 years</div></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">2.44 years</td></tr><tr style="height:9pt"><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Residential mortgage loans in securitization trust, at fair value</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:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">27,275</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 colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Prepayment rate (annual CPR)</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"> 4.01% - 15.67% </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">10.63%</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="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:left;vertical-align:bottom">Default rate</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"> 6.98% - 28.33% </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">17.42%</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="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:left;vertical-align:bottom">Loss severity</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"> (22.22)% - 60.81% </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">1.37%</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="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:left;vertical-align:bottom">Expected remaining life</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"> 1.33 - 5.86 years </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">2.66 years</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><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></tr></table> Assets and Liabilities Held at Amortized Cost — Fair Value Disclosure
 Portion of Non-Recourse Securitization Obligations, Collateralized by Residential Mortgage Loans — Held at Amortized Cost
 To determine the fair value of the Company's non-recourse securitization obligations, collateralized by residential mortgage loans, net, held at amortized cost, the Company uses the same method of valuation as described in the Annual Report on Form 10-K, Note 10 — Fair Value. Measurements for both the portion of the obligation measured at fair value and the portion of the obligation held at amortized cost, for which fair value is disclosed below.
 As of September 30, 2024, the total amortized cost basis and fair value of our non-recourse securitization obligations was $1.38 billion and $1.29 billion, respectively, a difference of approximately $87.0 million (which includes AOMT 2022-1, AOMT 2022-4, AOMT 2023-4, and AOMT 2024-4, which are marked to fair value; and AOMT 2021-4 and AOMT 2021-7, which are carried at amortized cost, as the fair value option was not elected at the time of the creation of these obligations). The difference between the amortized cost and fair value solely attributable to AOMT 2021-4 and 2021-7 is approximately $64.5 million. The difference between the amortized cost basis value and the fair value is derived from the difference between the period-end market pricing of the underlying bonds, as referred to above, and the amortized cost of the obligation. The fair value of the non-recourse securitization debt is not indicative of the amounts at which we could settle this debt.
 As of December 31, 2023, the total amortized cost basis and fair value of our non-recourse securitization obligations was $1.24 billion and $1.09 billion, respectively, a difference of approximately $156.4 million (which includes AOMT 2022-1, AOMT 2022-4, and AOMT 2023-4, which are marked to fair value; and AOMT 2021-4 and AOMT 2021-7, which are carried at amortized cost, as the fair value option was not elected at the time of the creation of these obligations). The fair value solely attributable to AOMT 2021-4 and 2021-7 is approximately $81.9 million less than the amortized cost. The difference between the amortized cost basis value and the fair value is derived from the difference between the period-end market pricing of the underlying bonds, as referred to above, and the amortized cost of the obligation. The fair value of the non-recourse securitization debt is not indicative of the amounts at which we could settle this debt.
 Investments in Majority-Owned Affiliates
 To determine the fair value of the Company's investments in majority-owned affiliates, which are held at amortized cost and included in "other assets", the Company uses the prices of the underlying bonds in the investments to determine fair value. The Company utilizes PriceServe, Bank of America's independent fixed income pricing service, as the primary valuation source for these bonds. PriceServe obtains its price quotes from actual sales or quotes for sale of the same or similar securities and/or provides model-based valuations that consider inputs derived from recent market activity including default rates, conditional prepayment rates, loss severity, expected yield to maturity, baseline discount margin/yield, recovery assumptions, tranche type, collateral coupon, age and loan size, and other inputs specific to each security. We believe that these quotes are most reflective of the price that would be achieved if the bonds were sold to an independent third party on the date of the condensed consolidated financial statements. The amortized cost and fair value of this investment as of September 30, 2024 was approximately $18.7 million and $17.0 million, respectively. The amortized cost and fair value of these investments as of December 31, 2023 was approximately $16.2 million and $16.7 million, respectively. The following table sets forth information about the Company's financial assets and liabilities measured at fair value as of December 31, 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:38.373%"></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:13.666%"></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:13.373%"></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:13.666%"></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:12.502%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</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">Level 2</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">Level 3</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"><span style="color:#000000;font-family:'Times New

Roman';sans-serif;font-size:9pt;font-weight:700;line-height:100%">Total</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:bottom">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Assets, at fair value</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:#ffffff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:bottom">Residential mortgage loans</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">374,004 </td><td style="background-color:#ffffff;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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">6,036 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">380,040 </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 12.25pt;text-align:left;vertical-align:bottom">Residential mortgage loans in securitization trusts</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">1,207,804 </td><td style="background-color:#cceeff;padding: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">13,263 </td><td style="background-color:#cceeff;padding: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">1,221,067 </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">Investments in securities</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"> AOMT RMBS (1) </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">79,696 </td><td style="background-color:#cceeff;padding: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">79,696 </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 12.25pt;text-align:left;vertical-align:bottom">Whole Pool Agency RMBS</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">392,362 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">392,362 </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"> U.S. Treasury Securities. </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">149,927 </td><td style="background-color:#cceeff;padding: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">149,927 </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><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"> Other Assets, at fair value (2) </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">32,923 </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 colspan="3" 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">32,923 </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 assets, at fair value</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">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">149,927 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,086,789 </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">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">19,299 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,256,015 </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:15pt"><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 #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">Liabilities, at fair value</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"

color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Unrealized depreciation on TBAs </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">(494)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(494)</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 liabilities, at fair value</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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(1,334)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">743,189 </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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</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">741,855 </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> (1) AOMT RMBS held as of December 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated, additional AOMT securities purchased in secondary market transactions, and other RMBS purchased in secondary market transactions. (2) Includes Commercial Loans and AOMT CMBS assets. All AOMT CMBS held as of December 31, 2023 was comprised of a small-balance commercial loan securitization issuance in which the Company participated. (3) Only the portion subject to fair value measurement, as adjusted for fair value, is presented above. All unrealized gains and losses arising from valuation changes in residential and commercial mortgage loans, TBAs, and futures contracts are recognized in net income for the periods presented.
 Transfers from Level 2 to Level 3 were comprised of residential loans more than 90 days overdue (including those in foreclosure) and commercial mortgage loans in special servicing or otherwise considered "non-performing" by the Company's third-party valuation providers. Transfers between Levels are deemed to take place on the first day of the reporting period in which the transfer has taken place. Transfers between Level 2 and Level 3 were immaterial for the year ended December 31, 2023. We use third-party valuation firms who utilize proprietary methodologies to value our residential and commercial loans. These firms generally use both market comparable information and discounted cash flow modeling techniques to determine the fair value of our Level 3 assets. Use of these techniques requires determination of relevant input and assumptions, some of which represent significant unobservable inputs such as anticipated credit losses, prepayment rates, default rates, or other valuation assumptions. Accordingly, a significant increase or decrease in any of these inputs in isolation may result in a significantly lower or higher fair value measurement.
 The following table sets forth information regarding the Company's significant Level 3 inputs as of December 31, 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:28.724%"></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:10.888%"></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:21.707%"></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:15.420%"></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:15.425%"></td><td style="width:0.1%"></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="3" style="padding:0 1pt"></td><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">Input Values</td></tr><tr><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Asset</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Fair Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Unobservable Input</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">Range</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Average</td></tr><tr><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Residential mortgage loans, at fair value</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">6,036 </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 colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Prepayment rate (annual CPR)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom"><div style="text-align:center">6.86% - 19.93%</div></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">13.40%</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="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:left;vertical-align:bottom">Default rate</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"><div style="text-align:center">12.69% - 13.64%</div></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">13.16%</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="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:left;vertical-align:bottom">Loss severity</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"><div style="text-align:center">(25.00)% - 40.13%</div></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">4.12% </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="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:left;vertical-align:bottom">Expected remaining life</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"><div style="text-align:center">0.67 - 4.09 years</div></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">2.22 years</td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Residential mortgage loans in securitization trust, at fair value</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:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">13,263 </td><td style="background-color:#ffffff;padding: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">Prepayment rate (annual CPR)</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"> 5.97% - 20.71% </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">12.32% </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="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:left;vertical-align:bottom">Default rate</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"> 4.38% - 28.66% </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">16.92%</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="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:left;vertical-align:bottom">Loss severity</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"> (13.99)% - 19.60% </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">4.14%</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="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:left;vertical-align:bottom">Expected remaining life</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"> 0.67 - 5.67 years </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">2.72 years</td></tr></table> The following table sets forth information about the Company's financial assets and liabilities measured at fair value as of September 30, 2024: <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:38.373%"></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:0.1%"></td><td style="width:1.0%"></td><td style="width:13.666%"></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:0.1%"></td><td style="width:1.0%"></td><td style="width:13.373%"></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:0.1%"></td><td style="width:1.0%"></td><td style="width:13.666%"></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:0.1%"></td><td style="width:1.0%"></td><td

style="width:12.502%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</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">Level 2</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">Level 3</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: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:bottom">(in thousands)</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Assets, at fair value</td><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="padding:0 1pt"></td><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="padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 12.25pt;text-align:left;vertical-align:bottom">Residential mortgage loans</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">426,501 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">2,408 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">428,909 </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 12.25pt;text-align:left;vertical-align:bottom">Residential mortgage loans in securitization trusts</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">1,425,632 </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">27,275 </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 colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,452,907 </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">Investments in securities</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"> AOMT RMBS (1) </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">88,741 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">88,741 </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 12.25pt;text-align:left;vertical-align:bottom">Whole Pool Agency RMBS</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">194,364 </td><td style="background-color:#cceeff;padding: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">194,364 </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"> U.S. Treasury Securities </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">49,971 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">11,178 </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 Assets, at fair value (2) </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">11,178 </td><td style="background-color:#cceeff;padding: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">259 </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, at fair value</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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">51,622 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,146,416 </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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">29,683 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,227,721 </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 style="height:15pt"><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 #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 #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 #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 #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Liabilities, at fair value</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"> Non-recourse securitization obligation, collateralized by residential mortgage loans (3) </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,289,236 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">1,289,236 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total liabilities, at fair value</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</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">1,289,236 </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"

color:#fffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#fffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#fffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#fffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#fffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">32,923 </td><td style="background-color:#fffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total assets, at fair value</td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">149,927 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,086,789 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">19,299 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,256,015 </td><td style="background-color:#ccceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:15pt"><td colspan="3" style="background-color:#fffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#fffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#fffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#fffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#fffffff;border-top:3pt double #000;padding:0 1pt"></td><td colspan="3" style="background-color:#fffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#fffffff;border-top:3pt double #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Liabilities, at fair value</td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Non-recourse securitization obligation, collateralized by residential mortgage loans (3) </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">743,189 </td><td style="background-color:#ffffff;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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">743,189 </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:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Unrealized depreciation on futures contracts </td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(840)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(840)</td><td style="background-color:#ccceff;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"> Unrealized depreciation on TBAs </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">(494)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(494)</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 liabilities, at fair value</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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(1,334)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">743,189 </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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</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">741,855 </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> (1)
— AOMT RMBS held as of December 31, 2023 included both retained tranches of AOMT securitizations in which the Company participated, additional AOMT securities purchased in secondary market transactions, and other RMBS purchased in secondary market transactions. (2)
— Includes Commercial Loans and AOMT CMBS assets. All AOMT CMBS held as of December 31, 2023 was comprised of a small-balance commercial loan securitization issuance in which the Company participated. (3)
— Only the portion subject to fair value measurement, as adjusted for fair value, is presented above.042650100024080004289090000142563200027275000145290700008874100008874100001943640000194364000049971000001177800001177800013920000013920000259000025900005160000516000051600005160000516000051600005160000516000051600

color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:center;vertical-align:bottom">9.46%</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="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:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Expected remaining life</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"> 0.67 - 4.28 years </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">2.44 years</td></tr><tr style="height:9pt"><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Residential mortgage loans in securitization trust, at fair value</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td colspan="3" style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">27,275 </td><td colspan="3" style="background-color:#ffffff;padding: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">Prepayment rate (annual CPR)</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"><div style="text-align:center">4.01% - 15.67%</div></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">10.63%</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="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">Default rate</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"><div style="text-align:center">6.98% - 28.33%</div></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">17.42%</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="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:left;vertical-align:bottom">Loss severity</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"><div style="text-align:center">(22.22)% - 60.81%</div></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">1.37%</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="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:left;vertical-align:bottom">Expected remaining life</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"><div style="text-align:center">1.33 - 5.86 years</div></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">2.66 years</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><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></table></div><div style="text-indent:36pt">The following table sets forth information regarding the Company's significant Level 3 inputs as of December 31, 2023:</div><div style="text-indent:36pt">
</div><div><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:28.724%"></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:10.888%"></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:21.707%"></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:15.420%"></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:15.425%"></td><td style="width:0.1%"></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="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">Input Values</td></tr><tr><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Asset</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Fair Value</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Unobservable Input</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">Range</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Average</td></tr><tr><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Residential mortgage loans, at fair value</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:9pt;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">6,036 </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 colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom">Prepayment rate (annual CPR)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom"> 6.86% - 19.93% </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">13.40%</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="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:left;vertical-align:bottom">Default rate</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"> 12.69% - 13.64% </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">13.16%</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="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:2px 1pt;text-align:left;vertical-align:bottom">Loss severity</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"> (25.00)% - 40.13% </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">4.12%</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="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:left;vertical-align:bottom">Expected remaining life</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"> 0.67 - 4.09 years </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">2.22 years</td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Residential mortgage loans in securitization trust, at fair value</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" 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">13,263 </td><td style="background-color:#ffffff;padding: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">Prepayment rate (annual CPR)</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"> 5.97% - 20.71% </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">12.32%</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="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:left;vertical-align:bottom">Default rate</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"> 4.38% - 28.66% </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">16.92%</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="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:left;vertical-align:bottom">Loss severity</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"> (13.99)% - 19.60% </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">4.14%</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="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:left;vertical-align:bottom">Expected remaining life</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"> 0.67 - 5.67 years </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">2.72 years</td></tr></table> 24000000.05280.19360.12270.07620.35410.190200.17080.0946P0Y8M1DP4Y3M10DP2Y5M8D272750000.04010.15670.10630.06980.28330.1742-0.22220.60810.0137P1Y3M29DP5Y10M9DP2Y7M28D138000000012900000087000000645000001240000000109000000.00156400000819000001870000017000000162000001670000003740040006036001334000743189000074185500060360000.06860.19930.13400.12690.13640.1316-0.25000.40130.0412P0Y8M1DP4Y1M2DP2Y2M19D132630000.05970.20710.12320.04380.28660.1692-0.13990.19600.0414P0Y8M1DP5Y8M1DP2Y8M19D

Related Party Transactions

Residential

*Mortgage Loan Purchases The Company has residential loan purchase agreements with various affiliates of the Company. The purchase price of the loans is generally equal to the outstanding principal of the mortgage, adjusted by a premium or discount, depending on market conditions. The Company purchases the mortgage loans on a servicing released basis. The following table sets forth certain financial information pertaining to whole loan activity purchased from affiliates during the period and year ended as of September 30, 2024 and December 31, 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.415%"><tr><td style="width:1.0%"></td><td style="width:16.988%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:26.105%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:26.105%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:26.402%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">As of and for the Year-to-Date/Year Ended:</td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Amount of Loans Purchased from Affiliates during the Year-to-Date/Year Ended (in thousands) </td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Number of Loans Purchased from Affiliates during the Year-to-Date/Year Ended </td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Number of Loans Purchased from Affiliates, Owned and Held as of Year-to-Date/Year Ended (1): </td></tr><tr><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">182,200 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">405 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">380 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:9pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">December 31, 2023</td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">199,793 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">475 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">589 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> (1) Excludes loans held in consolidated securitizations. Securitization Transactions and Majority-Owned Affiliate From time to time, the Company participates in securitization transactions with other affiliates of Angel Oak Capital. See Note 2 — Variable Interest Entities, "VIEs for Which the Company is Not the Primary Beneficiary" and Note 13 — Other Assets. Management Fee The Company's management agreement, effective as of June 21, 2021 and amended and restated on May 1, 2024, by and among the Company, the Operating Partnership, and the Manager (as amended and restated, the "Management Agreement"), provides that the Company will pay the Manager, in arrears, on a quarterly basis, an aggregate fixed management fee equal to 1.5% per annum of the Company's Equity (as is defined in the Management Agreement). Incentive Fee Under the Management Agreement, the Manager is also entitled to an incentive fee, which is calculated and payable in cash with respect to each calendar quarter (or part thereof that the Management Agreement is in effect) in arrears in an amount, not less than zero, equal to the excess of (1) the product of (a) 15% and (b) the excess of (i) the Company's Distributable Earnings (as defined in the Management Agreement) for the previous 12-month period, over (ii) the product of (A) the Company's Equity (as defined in the Management Agreement) in the previous 12-month period, and (B) 8% per annum, over (2) the sum of any incentive fee earned by the Manager with respect to the first three calendar quarters of such previous 12-month period. To date, the incentive fee has not been earned and no expense has been recognized in the Company's financial statements. Operating Expense Reimbursements The Company is also required to pay the Manager reimbursements for certain general and administrative expenses pursuant to the Management Agreement. Accrued expenses payable to affiliate and operating expenses incurred with affiliate are substantially comprised of payroll reimbursements to an affiliate of the Manager. The following table sets forth certain financial information pertaining to whole loan activity purchased from affiliates during the period and year ended as of September 30, 2024 and December 31, 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.415%"><tr><td style="width:1.0%"></td><td style="width:16.988%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:26.105%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:26.105%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:26.402%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">As of and for the Year-to-Date/Year Ended:</td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Amount of Loans Purchased from Affiliates during the Year-to-Date/Year Ended (in thousands) </td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Number of Loans Purchased from Affiliates during the Year-to-Date/Year Ended </td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Number of Loans Purchased from Affiliates, Owned and Held as of Year-to-Date/Year Ended (1): </td></tr><tr><td colspan="3" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt;text-align:left;vertical-align:bottom">September 30, 2024</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">182,200 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">405 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">380 </td><td style="background-color:#ccceff;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:9pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">December 31, 2023</td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">199,793 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">475 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="2" style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">589 </td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> (1) Excludes loans held in consolidated securitizations. 1822000004053801997930004755890.01500.15P12MP12M0.083P12MCommitments and Contingencies The Company, from time to time, may be party to litigation relating to claims arising in the normal course of business. As of September 30, 2024, the Company was not aware of any legal claims that could materially impact its financial condition. As of September 30, 2024, the Company had no unfunded commitments. The Company has entered into forward purchase commitments with counterparties whereby the Company commits to purchasing residential mortgage loans at a particular price, provided the residential mortgage loans close with the counterparties. As of September 30, 2024, the Company has a total purchase commitments of $93.3 million related to both Angel Oak Mortgage Lending and third parties. These commitments represent off-balance sheet risk where the Company may be required to extend credit.93300000Accumulated Other Comprehensive Income/(Loss)<div style="text-indent:36pt">The following table sets forth the net unrealized gain/(loss) on available-for-sale ("AFS") securities for the three and nine months ended September 30, 2024 and 2023, which is the sole component of the changes in the Company's Accumulated Other Comprehensive Income/(Loss) ("AOCI") for the three and nine months ended September 30, 2024 and 2023:</div><div style="text-indent:36pt">
</div><div><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:100.000%"><tr><td style="width:1.0%"></td><td style="width:37.935%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:28.578%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:29.164%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended September 30, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">(in thousands)</td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">AOCI balance, beginning of period</td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">(3,147)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ccceff;padding:2px 0;text-align:right;vertical-align:bottom">(6,565)</td><td style="background-color:#ccceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td><td colspan="3" style="display:none"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net unrealized gain/(loss) on AFS securities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,706 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(1,607)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ccceff;padding:2px 1pt;text-align:left;vertical-align:bottom">AOCI balance, end of period</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(441)</td><td style="background-color:#ccceff;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:#ccceff;padding:0 1pt"></td><td style="background-color:#ccceff;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:#ccceff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(8,172)</td><td style="background-color:#ccceff;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:37.935%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:28.578%"></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:29.164%"></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 September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended September 30, 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 thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">AOCI balance, beginning of period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(4,975)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(21,127)</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></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net unrealized gain/(loss) on AFS securities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,534 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">12,955 </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">AOCI balance, end of period</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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(441)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">(8,172)</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 following table sets forth the net unrealized gain/(loss) on available-for-sale (“AFS”) securities for the three and nine months ended September 30, 2024 and 2023, which is the sole component of the changes in the Company’s Accumulated Other Comprehensive Income/(Loss) (“AOCI”) for the three and nine months ended September 30, 2024 and 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:37.935%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:28.578%"></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:29.164%"></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">Three Months Ended September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended September 30, 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 thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">AOCI balance, beginning of period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(4,975)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(21,127)</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></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net unrealized gain/(loss) on AFS securities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,534 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">12,955 </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">AOCI balance, end of period</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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(441)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">(8,172)</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:37.935%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:28.578%"></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:29.164%"></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 September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended September 30, 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 thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">AOCI balance, beginning of period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(4,975)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(21,127)</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></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net unrealized gain/(loss) on AFS securities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,534 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">12,955 </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">AOCI balance, end of period</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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(441)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</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">(8,172)</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:37.935%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:28.578%"></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:29.164%"></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 September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Nine Months Ended September 30, 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 thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">AOCI balance, beginning of period</td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(4,975)</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">(21,127)</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></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net unrealized gain/(loss) on AFS securities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,534 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">12,955 </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">AOCI balance, end of period</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">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(441)</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</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">(8,172)</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> -3147000-65650002706000-1607000-441000-8172000-4975000-21127000453400012955000-441000-8172000Other Assets The following table sets forth the detail of other assets included in the condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:98.830%"><tr><td style="width:1.0%"></td><td style="width:48.752%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.835%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:22.864%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.835%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:23.014%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 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">December 31, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><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 thousands)</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Investments in Majority-Owned Affiliates </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">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">18,720 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">16,232 </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"> Commercial Mortgage Loans, at fair value </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">5,242 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">5,219 </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"> CMBS, at fair value </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">5,936 </td><td style="background-color:#cceeff;padding: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">6,592 </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">Deferred tax asset</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">3,457 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">3,457 </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:#ceeeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Prepaid expenses</td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,570 </td><td style="background-color:#ceeeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,137 </td><td style="background-color:#ceeeff;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">Protective advances and other assets</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">1,037</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">285</td></tr><tr><td colspan="3" style="background-color:#ceeeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Total other assets</td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td style="background-color:#ceeeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceeeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">35,962 </td><td style="background-color:#ceeeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceeeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceeeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">32,922 </td><td style="background-color:#ceeeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"></td></tr></table>
 Investments in Majority-Owned Affiliates ("MOA")
 In 2023 and the first three quarters of 2024, the Company participated in securitization transactions AOMT 2023-1, AOMT 2023-5, AOMT 2023-7, AOMT 2024-3, and AOMT 2024-6, which involved MOAs in which the Company received investments of 41.21%, 34.42%, 10.35%, 10.98%, and 4.51% respectively, in each case proportional to its share of the unpaid principal balance of the residential whole loans contributed to the securitizations. The purpose of the MOAs is to retain and hold risk retention bonds issued by the securitization trust. Each MOA is a limited liability company and is accounted for as an equity method investment and held at amortized cost. The investment will be tested for impairment at least annually utilizing undiscounted cash flows of the underlying bonds. See Note 9 — Fair Value Measurements,
 Commercial Mortgage Loans
 Commercial mortgage loans are measured at fair value. As of September 30, 2024 and December 31, 2023, the cost and unpaid principal balance of the assets was $5.6 million and $5.6 million, with a fair value of $5.2 million and $5.2 million, respectively. The weighted average interest rate was 6.24% with a weighted average maturity of 11 years, as of September 30, 2024. There were no commercial mortgage loans more than ninety (90) days past due or in foreclosure as of September 30, 2024 or December 31, 2023. Commercial Mortgage Backed Securities
 CMBS are held at fair value. As of September 30, 2024 and December 31, 2023, the cost of these assets were $6.1 million and $6.3 million, with a fair value of $5.9 million and $6.6 million, respectively. There was no repurchase debt held against these assets at September 30, 2024 or December 31, 2023.</div><div style="text-indent:36pt">The following table sets forth the detail of other assets included in the condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023:</div><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:98.830%"><tr><td style="width:1.0%"></td><td style="width:48.752%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.835%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:23.014%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000000;padding:2px 1pt;text-align:center;vertical-align:bottom">December 31, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">($ in thousands)</td></tr><tr><td colspan="3" style="background-color:#ceeeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Investments in Majority-Owned Affiliates </td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceeeff;padding:2px 0;text-align:right;vertical-align:bottom">18,720 </td><td style="background-color:#ceeeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceeeff;padding:2px 0;text-align:right;vertical-align:bottom">16,232 </td><td style="background-color:#ceeeff;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"> Commercial Mortgage Loans, at fair value </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">5,242 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">5,219 </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:#ceeeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> CMBS, at fair value </td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,936 </td><td style="background-color:#ceeeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,592 </td><td style="background-color:#ceeeff;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">Deferred tax asset</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">3,457 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">3,457 </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:#ceeeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Prepaid expenses</td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,570 </td><td style="background-color:#ceeeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceeeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,137 </td><td style="background-color:#ceeeff;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">Protective advances and other assets</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">1,037</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">285</td></tr><tr><td colspan="3" style="background-color:#ceeeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Total other assets</td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td style="background-color:#ceeeff;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:#ceeeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 0;text-align:right;vertical-align:bottom">32,922 </td><td style="background-color:#ceeeff;border-bottom:3pt double #000000;border-top:1pt solid #000000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
1872000016232000524200052190005936000659200034570003457000157000011370001037000285000359620003292200000.41210.41210.41210.41210.34420.34420.34420.34420.10350.10350.1035style="text-indent:36pt">As of September 30, 2024, we had 6,973,959 shares of our common stock remaining available for sale from time to time in at-the-market equity offering program (the "ATM Program"). These shares are registered with the SEC under our shelf registration statement.
 During the three-months and nine-months ended September 30, 2024, the Company issued and sold 188,456 shares of common stock through the ATM Program for proceeds of $2.3 million, net of $45 thousand in commissions and fees.
 On July 25, 2024 the Company repurchased 1,707,922 shares of common stock owned by Xylem Finance LLC, an affiliate of Davidson Kempner Capital Management, LP, for an aggregate repurchase price of approximately $20.0 million following the issuance of $50 million in aggregate principal amount of the Notes. 6973959188456188456230000023000004500045000170792220000005000000Earnings per Share ("EPS") In the calculations of basic and diluted earnings per common share for the three and nine months ended September 30, 2024 and 2023, the Company included participating securities, which are certain equity awards that have non-forfeitable dividend participation rights. Dividends and undistributed earnings allocated to participating securities under the basic and diluted earnings per share calculations require specific shares to be included that may differ in certain circumstances.
 For the three and nine month periods ended September 30, 2024, there were approximately 120,000 dilutive outstanding restricted stock awards and approximately 200,000 dilutive performance-based restricted stock units. To date we have expensed $0.7 million related to the performance-based restricted stock units based on current market conditions. </div><div style="text-indent:36pt">For the three and nine month periods ended September 30, 2023, there were 186,645 anti-dilutive outstanding restricted stock awards and 95,832 performance shares, although the market-based "total stockholder return" conditions for performance share units had not been achieved and thus these units were not included in the diluted weighted average common shares outstanding.</div><div style="text-indent:36pt">
</div><div>
</div><div style="text-indent:36pt">The following table sets forth the calculation of basic and diluted earnings per share for the three months ended September 30, 2024 and 2023:</div><div><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:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:18.344%"></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:18.346%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><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 thousands, except share and per share data)</td></tr><tr><td colspan="3" style="background-color:#ceeeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Basic Earnings (Loss) per Common Share:</td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceeeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders</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">31,204 </td><td style="background-color:#ffffff;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">8,273 </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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Dividends allocated to participating securities</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">(38)</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">(60)</td><td style="background-color:#ceceff;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 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - basic</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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31,166 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8,213 </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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23,757,039 </td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceceff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">24,768,921 </td><td style="background-color:#ceceff;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">Basic earnings (loss) per common share</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1.31 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">0.33 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted Earnings (Loss) per Common Share:</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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - basic</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">$</td><td style="background-color:#ceceff;padding:2px 0;text-align:right;vertical-align:bottom">31,204 </td><td style="background-color:#ceceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;padding:2px 0;text-align:right;vertical-align:bottom">8,273 </td><td style="background-color:#ceceff;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 13pt;text-align:left;vertical-align:bottom">Dividends allocated to participating securities</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">(38)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-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">(60)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - diluted</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31,166 </td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8,213 </td><td style="background-color:#ceceff;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 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</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">23,757,039 </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">24,768,921 </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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net effect of dilutive equity awards</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">322,208 </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">188,747 </td><td style="background-color:#ceceff;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 13pt;text-align:left;vertical-align:bottom">Diluted weighted average common shares outstanding</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">24,079,247 </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">24,957,668 </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:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted earnings (loss) per common share</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">1.29 </td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">0.33 </td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
 The following table sets forth the calculation of basic and diluted earnings per share for the nine months ended September 30, 2024 and 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:57.964%"></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:18.344%"></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:18.346%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><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 thousands, except share and per share data)</td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Basic Earnings (Loss) per Common Share:</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">43,806 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5,115 </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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Dividends allocated to participating securities</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">(115)</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">(123)</td><td style="background-color:#ceceff;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 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - basic</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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">43,691 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,992 </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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="2" style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">24,445,105 </td><td style="background-color:#ceceff;border-top:3pt double #000;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;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">24,706,568 </td><td style="background-color:#ceceff;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">Basic earnings (loss) per common share</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">1.79 </td><td style="background-color:#ffffff;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:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">0.20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted Earnings (Loss) per Common Share:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - basic</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">43,806 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">5,115 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Dividends allocated to participating securities</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(115) </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(123)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - diluted</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">43,691 </td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,992 </td><td style="background-color:#cceecf;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 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</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">24,445,105 </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">24,706,568 </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:#cceecf;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net effect of dilutive equity awards</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">333,360 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">227,265 </td><td style="background-color:#cceecf;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 13pt;text-align:left;vertical-align:bottom">Diluted weighted average common shares outstanding</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">24,778,465 </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">24,933,833 </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:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted earnings (loss) per common share</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">1.76 </td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">0.20 </td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 12000012000020000020000070000018664518664595832958325832<div style="text-indent:36pt">The following table sets forth the calculation of basic and diluted earnings per share for the three months ended September 30, 2024 and 2023:</div><div><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:0.1%"></td><td style="width:0.823%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:18.344%"></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:18.346%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</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 #000;padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><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 thousands, except share and per share data)</td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt;text-align:left;vertical-align:bottom">Basic Earnings (Loss) per Common Share:</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders</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">31,204 </td><td style="background-color:#ffffff;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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">8,273 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Dividends allocated to participating securities</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(38) </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(60)</td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - basic</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31,166 </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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8,213 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23,757,039 </td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">24,768,921 </td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Basic earnings (loss) per common share</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1.31 </td><td style="background-color:#ffffff;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">0.33 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted Earnings (Loss) per Common Share:</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:#cceecf;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23,757,039 </td><td style="background-color:#cceecf;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td colspan="2" style="background-color:#cceecf;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">24,768,921 </td><td style="background-color:#cceecf;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">Diluted Earnings (Loss) per Common Share:</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:#cceecf;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - basic</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">31,204 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;padding:2px 0;text-align:right;vertical-align:bottom">8,273 </td><td style="background-color:#cceecf;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Dividends allocated to participating securities</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(38)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(60)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceecf;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - diluted</td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31,166 </td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceecf;padding:0 1pt"></td><td style="background-color:#cceecf;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceecf;

#000;padding:2px 0;text-align:right;vertical-align:bottom">8,213 </td><td style="background-color:#ceceff;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 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</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">23,757,039 </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">24,768,921 </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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net effect of dilutive equity awards</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">322,208 </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">188,747 </td><td style="background-color:#ceceff;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 13pt;text-align:left;vertical-align:bottom">Diluted weighted average common shares outstanding</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">24,079,247 </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">24,957,668 </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:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted earnings (loss) per common share</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">1.29 </td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">0.33 </td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
 The following table sets forth the calculation of basic and diluted earnings per share for the nine months ended September 30, 2024 and 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:57.964%"></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:18.344%"></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:18.346%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">September 30, 2023</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><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 thousands, except share and per share data)</td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Basic Earnings (Loss) per Common Share:</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders</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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">43,806 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">5,115 </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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Dividends allocated to participating securities</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">(115) </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">(123)</td><td style="background-color:#ceceff;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 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - basic</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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">43,691 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(123)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - diluted</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">43,691 </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">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,992 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">24,445,105 </td><td style="background-color:#ffffff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">24,706,568 </td><td style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Basic earnings (loss) per common share</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">1.79 </td><td style="background-color:#ffffff;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">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">0.20 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:6pt"><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted Earnings (Loss) per Common Share:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - basic</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;padding:2px 0;text-align:right;vertical-align:bottom">43,806 </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">(115) </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">(123)</td><td style="background-color:#ceceff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net income (loss) to common stockholders - diluted</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">43,691 </td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceceff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,992 </td><td style="background-color:#ceceff;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 2px 13pt;text-align:left;vertical-align:bottom">Basic weighted average common shares outstanding</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">24,445,105 </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">24,706,568 </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:#ceceff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Net effect of dilutive equity awards</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">333,360 </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">227,265 </td><td style="background-color:#ceceff;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 13pt;text-align:left;vertical-align:bottom">Diluted weighted average common shares outstanding</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">24,778,465 </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">24,933,833 </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:#ceceff;padding:2px 1pt;text-align:left;vertical-align:bottom">Diluted earnings (loss) per common share</td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom">1.76 </td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ceceff;padding:0 1pt"></td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Times New Roman';sans-serif;font-size:9pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ceceff;border-top:3pt double #000;padding:2px 0;text-align:right;vertical-align:bottom"><span

style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:9pt;font-weight:400;line-height:100%">0.20 </td><td style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>

*** 31204000827300038000600003116600082130002375703924768921 2.310.333120400082730003800060000311660008213000237570392476892132220381887472407924724957666 81.290.33438060000 Events On October 16, 2024, the Company securitized residential mortgage loans with a scheduled unpaid principal balance of approximately $316.8 million in the issuance of AOMT 2024-10. Similar to certain previous securitization transactions, the Company will consolidate the VIE used to facilitate this transaction. See Note 2 — Variable Interest Entities for a discussion of the accounting policies applied to the consolidation of VIEs and transfers of financial assets in connection with financing transactions.
 On October 25, 2024, the Company amended its loan financing facility with Global Investment Bank 2 to, among other changes, lower the minimum pricing spread to a range from 1.75% to 3.35%, based on collateral type, loan status, dwell time and other factors. See Note 5 — Financing for a further discussion related to this financing facility.
 On November 1, 2024, the Company amended its loan financing facility with Global Investment Bank 3 to, among other changes, (i) extend the termination date to November 1, 2025; (ii) reduce the interest rate pricing spread to a range from 1.90% to 4.75% based on collateral type, loan status, dwell time and other factors; and (iii) eliminate the 20 basis point index spread adjustment. See Note 5 — Financing for a further discussion related to this financing facility.
 On November 6, 2024, the Company declared a dividend of $0.32 per share of common stock, to be paid on November 27, 2024 to common stockholders of record as of November 19, 2024.***

*** 3168000000.01750.03350.01900.04750.00200.32falsefalsefalse***

26-W13[XY>:VR%%ZDATCO{E\85ZQ7=XS'G$0YZY-M>*KJ/YM[(5KOKTVY;2X7]VW[\'JY,%,W8I,WKZH'L96_N:WJ3=[*;^N[9?-0 MBWR]OVA3+KGOQ\M-7FP75Q? [GWVLKRZJ75L66_&Q]HK=9I/77]^*LGJZ7++#% MZ0>?BKO[MOO!\NKB(;\3UZ+]\O"QEM\MSRKK8B.V35%MO5K<7B[>L-?O&$^[M*_9-?B_$4Z-\[75>;JKJS^Z,7l:7" [_KDBC%JNTT

"

"

)_#$_DW<6V+4]'F<&XT^(O!D^H?"OX.^# M[F&XOWCE+G4K@ -);.0 LY8$KL(V(AWL-S*" ?I11110 4444 %%%% !1110 M 4444 %%%>>?M ?&[0OV=_A+K_CWQ#NDLM+A!CM8V DNIV(6*%,]V8@9[#+' M@&@#T.O) P!K#1_$_B/]FKXE:1X-LFU'O)]&AW-G:VL;!7D\Q"CA# _?V,^T= MS@5\>_LK "OXW_M8>/M _:#^)_CS5:! *M+ =(88YH,\$H256!U^4 MEE9Y5)) (4]3^C5 'P;H?_!./P[\3/V&? '@/Q%8_\([X^TW36U"WU=H?])L; MVX8SR0S#]Z;G"AZ; 1@]#7A7[(O[77B_P#8I^([_ 'X_)-9>'K640Z9]]PQ M==-5C^[82?\ +2S?^%O^6?/0 A/UGKP#]L+]CWPK^UQ\/SI>J!-.\3V*L^C: M_"F2UD/\#]WB8@;D_$8(!H]ZAFAOK6.6)X[BVF0,DB$,CJ1D$$<$$&GQOK M%&J(H1%&%51@ >@K\9_A3^VQ\7_V [? O/\%/'WAB3Q'].F1&/PU'<2L1;2,< M1[7 S-:,"64+A@1L&W)"?I'7@/XS^'? NN^)OC5XJU#5=>\67::E!H%\V[M^OT(;*C_)YEP5_ :H ;K\5:.\3F^"O[/WAO\ X3;XH#B_O/+$MKIO0LF"0I=01N=V$<>0#ELA M0#[AKXR .:*^!GB XL?M\? ;69M%EN?AOX8LY]3EU-?FCAOHW>0(X_A)>.SVY M^]\V,[3CYSM/VV/VH?V1? BCH5G^TEI,>K>#]:DVFZBM;13%'N4.]O+: (S1@ MY,3Y8@]LA]_56WN(KRWBG@D6:"50_9]&^(NF0@ZGHZMA9U&!]IM\G)C)(RO)0G!R"K-]45^7O[=/[#.O?" M'Q8? V@O@!Y^BZEI9#@C!8@%2R@ _3]H4:1) M&13(F0K$;PE\>?AA:3?#NZMXXKOQ=XJTVXD18 M2C\.CJ0T49VAA&&WNVV9VJS']7-%L[C3M'L;2[O7U*[@@CBFO9$5&N'50&D* MKP"Q!.!P,T 7:*** "BBB@ HHHH **** "BBB@ HHHH **** "OS0_X*<>,; MCX1_M7?LY_$/5;.>[\):+<&;3RU+89+F-YPHZ; _+*%1GDK[5^E],IOB-H>IZ>T'GV]EIEY'/?7)(R(TMPWF!R>"&"[3]XK@U\O\ [7P]\3__M !_: (\;?M6^,]);1+36@]IX:L9,Y:+8D/F@D#*I#$L0;&'9I#@8KMOAK_P2 M"^! @'Q9#K6H3^(/&4=O*)(-,URYA-KD'*^8L42&3'H3M/0J1Q7VY;6T-G;Q M6]O$D$$2"..*-0]HH& H X [4 2T444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !17A7[87[5VA?LD_"M _$FHPC4];O9#::-HZOM:[N,9)8]5 MC08_L2^' VD_$6N7_Q,^,_BU++1]>M?]#\"'"T4?95+!HI<#'V"].MYM#BO82UG= ! M1;A2?E=?-:XF(YPR[6'45]Z^-O!.A_$;PC]OACQ'IL,JZ%]=NUM=66+K0D,BY^\?[-M"1^:@_A7K?[< MW[>2? &2U^'_,/+6/Q3\7]7:.*WT^*,W"Z>)" C2(O+ROD;(NIR&;C:' /> M?VEO$?Q$*_!?Q']/PKT&+Q'XX2)4L;.5E^7(8Y4F M_U4Z/-):1XSNNHA MYT'_)%C2OF#]A?]KGPG\^ _@GOIOBCQS]ZVUOX/N;C071<-/=2*?-MX(4R M-SF*6-0.F$)) #$ $O[./_!5KP%XL^"NJZM\3KV+P[XU\-VP:]L(5YU?D*KV MB9Y=F(#1Y^0G)(3)'UU\"_C)HWQ_^%>@^/= MKZSTK6(FDBM]2A\]>,][(P8 M D'YE.&4D$8(-?BQXZ_9N^*G[7%CX_\ VC?#'P^L?#OAVXO3=VF@6:'S[Z)< MB6:&/;B9AMW2-A1(Y?8I(*U^F' !.S]KRV_:@^%,EA)?"D5O97\-C; M>582(5(B>#VH"(R#% #CCY2* .0_;2^$?QS :C^+FB_"?2$'A+X)-!'?ZQX MDAF#->D-\T3KD,64@;(?NDD,QP $^KO@_P#! P * _GX?Z9X-\&Z8FF:+8KP MO62>0XWWRO\ OR,1DL?8# [2B@ HHHH **** "BBB@ HHHH ***X?XU?&' MP[\!?AGKGCCQ3<-+AWLD>#)/(2%CAC!ZN[$*.W.3@ F@#N*^-O^"M5C]- MY^Q?X@:Q\WR+?4["::]6-208?._"-Z 2-&>?]!7$?LI^* VF?VJ_B=IGQAU?7X M?AW\ (8YF^P>%EMQ*-4MLE67:<,VU 'C/[*?Q2\'Z7^O!\/?%SZC;:=X9T M7PK;K]%RQ^6W>VA$=R#CDL)(Y.,98XP"37Q[J_[7?[6_[5^I:GK'[.O@^3P] M\[!"9X;?4;BWL3/>;>NY[PF-F/'R1 [<@%CUKY.^./AOXG?LD2>([P!G3Q'K MKVVI1:HT3O%/:I)_KXPO3I&98P"=\"@=B\[1_"/A P"%WA?3 MO 36)/BDWP M;^/.D+X=\=M.;6RU)K?]YUQCBWN(CPLC?P.F%?*@ $@M]\>+KW5M-*ZS=Z M!IT>KZY!9S2V&GS3B%+FX5"8XFD(P@9@%W'IG-?F?_P6B\':5IM]*/&.D)] MD\=SWDUC'+:@">YBC\MXSQR3'(P"D?\ /4^U?I[IK7+:=:F\54NS$IF5>@? MW ?CF@#X!_99_8P\:?%+XJ7/QZ_:7B^V^+6GW:-X5N<-#8*C'RW>,$]II_RS MBR^ M#VECQ%8?$2KY86,2KID;YV,5/RF0@,P# _*BKO?Y2 0#[.K\H?V! BMX6__MMK?'N+XJWUIH/CW6M3FBL-0U8K!&"+]9KBW5WPSWY@*C(#"(=@?O/\ 9-^' MOQ5^'/PS-E\7?'4?CCQ+=P90&R0=]A'O%#(L<^]Z',D;?Z] %\Y'1U8]HP& #8P"2 #RO\ MX*L?&CX=ZE^REK?AFU\5:%]_B6^OK%K+3[/4(9[A-DZN\NQ6+!=BNN[&/FQW MKS;X>_\ !7;X8?"7X6^ O!=CX4\3^(&\/Z%I^E7-]M@MXW>"W2)FC!I/F#FOUDL?@I\/=,\.2>'[/P+X;M=#E\[338=)@6W=/[K($P1]10!RG[- M?[5'@+]]KPA-KO@]^F\VT98[_2KY!%>63MDJ)$!((8 X925.",Y! \M_;ZTK MX[^._#OAOX??!W3D@TSQ1-):_XC6Y$3V$'R_(Q^\D;]7+.@9B%V #=AOES] MACP7:^"/^"F/Q?T3X=2L/A]I=K>0W,<&,>;#LA! [E)MZKG)VHW)YS^]E M'B?[*/[*/]^QX=O^' _\&+S5KD+#]^N31@3W\P'4_W8UR0D8.%!/5BS'V MRBB@ HHHH **STUFF**"BBB@ HHHH **STUFF**"BBB@ HHHH **** "BBB@ HHHH **STUFF**"BBB@ HHHH **** "BBB@ HHHH **STUFF**"BBB@ HHHH **** "

M=P2CQOQOC;:^"0#E6!'&3]!4 %%% !1110 4444 %%% !1110 4444 %%% M% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 M4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%% !7Y=?\%R-/N)-!^#]\H;[+#=3\/Z2B'Q3I9&[H,G 8]3TH M
]B^$&JVVO?"7P3J5FBQV=YHEE<0[JGW0CP(R@>V"*ZZORA_8C_X*2:=\"?"L M?P@^.-CJ6@2^&2UC9ZL;2222!%8C[-S.,FZ7IMQ"68C*[I)TC11ZX+,.?E)XH ^B_VA/^2!?$ MO_L6=3_])9*^$O\
@B9\/=!3X8^.?')L4?Q-+K)T;[:_+1VJ00R[$_N[GE); M'7:F?NBQ]&P^*>L_&S\A7Q'XXU_PX_A+4M:*:Q<'2'9F,,0CN%A;_\$3_^3;?&7_8VS?\ I':T ?9WQ\\4W'@?X%_$3O%9M)'=Z3X=
MU"^@>'.]9(K:1U((Z'*CGM7Ý,_\ !.7]HKQ^!_AWXJF\,_'QE\4;O6=6W7 M?B+0+>>2(+'$FRV9D@D!93)(YRV?WPX[G]A_&_A>#QQX+U_PY>&/%?E9^P5^T7IG["OCGX@__SXS-
)X9C&K&\M=6:!WMUF\M V8V+[06\N6..!D< CKD@$$ '6?M3?M/?$W]I3X&>)/A_)^R9\2M,FU,0M;ZA- MIEW,+66.9) X7[(#G"E>"..&-> [_LMW'C+X, \$SYKGQ1I6I>'_$GAKP[KEW%
M:;C"\%W$D374L.Z-P&0A0NT$#Y0I[UW_(H_X*'?L[^$])-_,]#D2)KB(),L%Q$R9 M9,D @,>,D4 ?$(\ P1+\&V%O\&O'_B_RU;5]0\0#2Y)FY;R8+>*51[M=.3Z MX'H*^B_^"C'A?2?$W[&_Q';5-
/@OGTZQ%_9O,N6M[A';(AZ]P!89'4,0>"I_M7PO_ ,$]_P!I#2_V(_'7Q$^#/QEDF*PG4OM%O?S6\C0Q72#RGW;5+;)46)D MDQMPFCD\?ZC]>G2SZSJMI;R?9--L(E\V M:0,0-[:5ZCY5!ZEL+0!
[' P23_Y,M\/_/83U#_T>;^?_P!C?_E+/\>?^N.L M_P#I?;5] ?\ !)/_),M_83U#_T>;^?_-C?_E+/\>?^N.L_^E]M0!ZK M_P %GO\ DU#1/^QML \ TENZ^H/V3O\ DUGX-_\ 8F:-_P"D,-?/G_!7KPG>
M>)OV/;]M(0)UT36[/4I_+&=L>((Q]@9USZ?2F_L<_MV?!MOV??A/X6U7QG M;Z9XLMK#3_#1T>6*9IS)[*VOK>VNK:TF$3Q12OM,NX]P^4X&#@$L!D9S0!X1^U'_P $ ML/AM\?-2O?$?
AN=_A]XONF,LT!C");&[D/):6WR-K$]6C9>1)#$\U\L_!G]HG MXU_\$_OCUH_PB^,=W-XA\#WTL,,$TTS7*P02/L2ZLYVPQC5OO1-T"L JMU^T M_"/_4^_9R\5Z-'?
2>//[!F*;I+#5]/N(IXO]D[49&/\#-7PW^TCX]LO\ M@I7^V!\O"7PPT^YU+PSH:>7>;S<0M K6YF5[F3(H5I8F56#JYRP4'<,X(XR0#[/:&"WDFN_)192@$D]H-[* MN2 3U(&3@>Y]:_+/_@CW9Q?
$[XR?&_XI:UF\1N]NL<\QWNGVR:XFG//0DP1 MC/IN'2OLG[FX0M]PQ^U5X^\9Z/X*T?47\.>'(+=QXBO%,27DDC-B1%//^'9/[8WC[P?\0K:[L_A]XG8*VUB&U=T\I9&>UN0 "71 M4FDCD5-
Q5B>NW! /U]O+.#4+2>UNH4N+:=&BEAD4,KHPP5(/4$$C%?EA_P $ MG]W@+]]OX_#VR:4Z-:"?RUWEHP;2^:",YZ$E93SWP:^G?BQ_P %/_@3X"\!
MW^KZ%XOM_&&N>03I^CZ;#*7GE(^02,R@1J#@L6((_3@'R?_@DC\"?%7AW2 M_''O=\;6<]AJ/C25/L,-S$8I)8-[RR7!4C(61W7;ZA">A4T >1_&SX?Z'\4/ M^"RFC>'/$EDNHZ+XR.]?K6JA%"] J@8
'05 M^6WBS_E-[X>_ZXI_Z9)*_4J@#\>?VL/B7]%M_P %6;&\'@O6/B5_PAT=F+#P MOIB223SNMC]5HD".0$EF\TX4_ZLGWKZ<_X>*?%/_HT#$H,?^ =U_\AUY!^WQ MI>M_LL_MN?#[]I2UTV75?
#%P\-MJ((@3#1R)"UO+$6S@-);,2A. 2C#HO/U_X M<_X*%?L]>)-!BU6/XGZ/8(T:.]KJ3-;W,9;^$QL,D@\';D<9SCF@#Y&_X)W^_M$?B);?MN?$[QIJ7PL\3_
Y\'>)M/OKK[+K>F3VL$$DEY#+'&CR1HKL,R !1 M]TMQ@5^H=>+_-:]^&?[2'BKQ%H?P^U;YUQ]"AAFNKTV4D%NPD9E 0R!68 M@H<_*!R,$U[10 4444 %%% !1110 4444 %%% !1110
4444 %%% !111 M0 4444 %%% !1110 4444 %%% !1110 4444 %%% M!1110 4444 %%% !1110 4444 %%% M 0 M%% !1110 4444
%%% !1110 4444 %%% !1110 4444 %%% !1110 44 M44 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !111 M0 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444
%%% M!1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 % M%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 44 M44 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444

4444 %% M%% !1110 4444 ?1'[^/_)=E_P"P9U_M_?\BMX2_Z_9O\ T 5[N1_\C&EZO\F>;F7^ZS_KJCXIHHHK M]F/@0HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH *DM[B6UGCFAD:*:-@Z2(2&5@<@@CH0 M:CHI ?HM^S#\>HOBYX8 L_4Y57Q3IL8%RO ^TQ!.H_(.!T/H&%>VU^3'@GQ MEJGP_P#$]AKVC3_9[^SDWK_=<=&1AW5AD$>AK].A7\2M-^+'@NR\0::=HE& MRXMRV6MY@!OC;Z9R#W!![U^49]E7U*I[:DOW))1RL /HIP6_P!K_A.?D"GS327,TDTTC2RR,7>1R2S,3DDD]33* "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** /HC]A' DNR_P#8,N/YI7M?[?W _M "*WA+_K]F_]%>*?[(_\EV7_L&7\'TKVO\ ;^_Y%;PE_P!2!LW_H KW>=04444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% %'7-:LO#FCWN]:E M<):6%G"T\\TAX1%&2?RK\]_CA\6+[XR?$&_U^YWQ6>?(L;5C_]+=2=]_4Y+' MW8]L5](?MY?&C<]O\,]*GX79=:NR'K_%%"?T ;'7+?9'=X\F^ME/ M^IG4#']5*VU\&/RQG/R3?\!)Y M_P!EF][]^:SW+OKV'YX+WX:KS75?Y>9Z^6XOZO5Y9?#+^KGZ044@8, 0<@]#2 MU^0GW(4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M 44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % <9\7OB59?"7X?ZKXDO-KM;IMMH&. M//G;B-/O/7T)[5V=?GG^W!\7#XT^(2^%K&;=I'A\E)-IXDNR/WA/^X,)[$/ MZT ?/6O:Y?>)M;OM7U*=KF_OIGN)YFZL(')/MUZ=JH444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% %'7-:LO#FCWN]:E M<):6%G"T\\TAX1%&2?RK\]_CA\6+[XR?$&_U^YWQ6>?(L;5C_]+=2=]_4Y+' MW8]L5](?MY?&C<]O\,]*GX79=:NR'K_%%"?T ;'7+?9'=X\F^ME/ M^IG4#']5*VU\&/RQG/R3?\!)Y M_P!EF][]^:SW+OKV'YX+WX:KS75?Y>9Z^6XOZO5Y9?#+^KGZ044@8, 0<@]#2 MU^0GW(4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M 44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M 44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110!0U[6[3PWH>H:M?R>396-O)'[>79=^(+C MRW //\>+#R?FQC'T8U^>E !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !T1^PC_P EV7_L&7'\TKVO]O(_)%;PE_U^S?^@"O%/V$? M^2[+_P!@RX_FE>U_M_?\BMX2_P"OV;_T 5[N1_\(QI>K)GFYE_NL_ZZH^* M:***_9CX$**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ***P M '/BB#P3X-UO7[C!BTVSENBI.-Q520OU)P/QH _/7]M3Q[_PF7QLOK*&3?9: M%$NG1[3P9!\TI^H=BI_W!7@M6-2U&XU?4;]_NY#-=74KSS2-U9V)9C^))]O0 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110!]$?L(\ MEV7_ +!EQ_*]K ;^_Y%;PE_U^S?^@"O%/V$?^2[+_V#+C^:5[7^W]_R*W4+ M_K]F_P#0!7NY'_R,;7]_R9YN9?[K/^NJ/BFBBBOV8^!"BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH O:#K-SX=US3M5LVV7=C<1W4+'LZ,&4_F!7 MW!\8/MG^U=\+M$\4^$)H6UJS5BEO)(%)W >9;.?X75@""">/P;-?"-=-X%^) M?B;X:Z@UYX;U>XTR5^)$3#128Z;T8%6_$<=]\;X*IB)0KX>7+4AM?9I[IG? MAL1&DI4ZJO"6_P#FC7G^ ?Q&M[[[*_@K6C+_'H[-WC _.^P"OZUM>/OV>ME_UP6V_I7DWC7XC>)?B]I*7WB/6+C59TSY8F($<>>H2, *N<#H! MG%*C ,:52UVW]^PZGU2,7[F;\]+'UK;ZE=?LU_LD6%U9.+=Q-K#Q MS1NT:L5GFP^2K C*PIC!!Y6O! \ AKKXL \ 0U_^4ZT_^-5SGQ.^-_BKXN0Z M=!X@NH()(+ L88K: 1+N8 $D#[< #VY]:X&L<'E<(QE/&0C*I)MO1.U^BNB\1 MC)-]-"344DNQ]I_LG_M#>(_B-XPU3PYXPU-=4:XM/.LBUM#%@H?WB8C1=VY6 MSSG[AKY?^,G@=OAS\3/$&@!"MO;7+-;9[PO\\?U^5@/J#6+X.\7:GX#\36&O M:/,+?4;)R\3LH8<@J00>H()!^M=U#]'B3]I_XN:);.HT+7]ULM99K6$1B.W0 ML[N0.I"EN3UX'I13P;P&+J8BG:-)QU6UFNMMM@E7^LT8TI785],?MH?%FU\1:W9 M>'-)<6>2:?H3[KJ8-D/-@@_MF?$O1+-;>6^LM6V@!9;^T!D 'NA7/U.358IXV,E+#*+75.Z?MR8J/U=Q;JMI]T=M^Q_\ !3Q5I7Q"B\6ZSIEUH>E6,$H3[=&87G9T*X"-@[0& M+;B,<#'MX]^T5XPLO'7QE\2ZOITJ7%@\]0PS1CY9%CC6/<#W!*$@^A%7/'O[M3'Q ^(FGR:?J,L_9=.DSYEKI\8@5P?X6(^9E]B<5Y97+A,)7^LRQF*:YFN5) M;)7ON]V;5]]/V*H4;V3NV^K.GTWX7>,]:L8;[3_".NW]E,NZ*XMM-FDCD'JK M*I!'TKZ] ;2\(:]KO[-W@73--T34=0U*WFL3-9VMI)+-$%LY58LB@E<,0#D< M$@5\ZZ>&?VI/B+X1\VV.C:9J\$6GV40A@C:RBG4486@VUJ]?70WHU<+2IR@W+WE92+_,\FU_PMK7A2XCM M]:TB, P!'GD3S$BU"V>!F7.-P#@$C(//M71?!_P"%VH?%WQO9:%9;HH&/FWEU MC(MX 1N?Z\X [DCZU!\1_BMXD^*]]9WGB2\CO)[2,Q0F.!(@JDY/"@9YK7^' M_P <=9^&?@W7-"T*SL;:YU"2 M?X@ISS_$Q8\\&N]\$V!U$D,P'3'K7RS7I_Q(_:0\<_%'2SI>KZE'#IC$-)9V.0B24CD; MSR6&>=5XA71(\/5A5JXBM92G;1.]6$H0I4]5&>^LPHHHKU M3B"M[P'XJG\#^,]%U^VR9-/NHY]H_C4'YE_%[":@U2QM[RUD6:VN(UFBD7HR, 01]015BO$?V/_''_F'P8T^VE??>:+(MVG29Z[%PT1^FQE7_(":]NK\)Q5!X6O.C+[+L?I%&HJU.-#^,%\BQ/MN-=O$A*@X/DQ_O'/_'T(Q_P*OI&OST_;T\9'7OB]:,'& M^8-#LDC9?2:7$C'_+X,0 "@#YJHHHH **** "BBB@ HIS1,B([(RH_*L1@- M@X./7FFT %%%% !14MG:3;A=P6MNGF3S.L<:#C&M<9_+AM;U//:TA?Y)/_'&:OU2K M\LXGP_L\6JJVFOQ6GY6/L\G]\!P?V7^?],****//=*BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH 20R+^+'BH^- B9XGUW M?OCO=0FDB,< NMQ$8 ! H _"OT\^./BK_ (0GX0^+=8#^7+!I\]0MG&)7'EQ _M^/NM?DQ0 4444 %%%% '0 _#_ ,#ZC\2/&6E>&!*4->W\OEJS?=C4 L[M[*H9 MC]*^S_%&I_"[IC+I["QL=\A\3>-I8UD,DVW[0>OE>0AO)4D'"H.?$(Q'J\BAI+'3EACR/NF6098>^(R/HQKQ3]H#Q-<>+?C1XQOIB7S0-2 MFMH3V$43&,,#_@*#]: /H+3?^"A$M]=?9_$'@BUN-)F,R9;>Y+.$)Y^5UVOQ MV.,^HJY^T#\!/!WC_P"&+?%#X9Q00)"';NYMK-?+AN(5R)&$?_+.1,'(&/NM MQFOC&ON?_@G_*L=<^'OC#PY>'S[*VND<0MR D\;*R_0^6>/<^M 'Q1X=T^/ M5O$&F6,Q98;]ZBAR07UH\THO9 M5D(97QP0H[4SX! %/1_A-XFO]#U+P5I_BJ:]U*&^&]NG19+4]Y3*[HGSR0>" MO3\OJ+I]+XY\)]>T2TU;P!I_C&2[MGE2>]EC0P@/C:-T+\'KU% 'P)X)_Y M'/0/^PA;_P#HQ:^G/^'B'_(Y^$?^P?+_.C*\(U/Q=:>._C5:Z[8Z+;*'K2\ MU*U:/3;4@QP &-< A5')4D_*.2:^X_VF)?AQX/U+2?&GCFT_MZ^M('M=*T$[_M62XD+;F=E/!"\9+?*,]&)44 ?F[17W=\)?C_."?VBM6D\^(O 5AI8O(7^O MJKK+&^U22@(1&C<*"0R^AZ<9^2_CA\./^%3_ !0USPTDC36MM*'M9'Y9H74. MF3W(#!3[@T <+17U_AWX)^ /P8LOB5X\T>/Q%KVJ!'TW2[A59%WJ6C4*P M(W%1O9R#M' &1\SO"_[8GAKQOKMIH/C+X>:-#X?O)%M_.4+*+8,0H9E9,%1Q MDC! &1GI0!\?T5[=^UC\$K7X,^/X1I"-'X?U:(W%G&[EC"RG$D63R0!*D$]F M R2":]T_9R^%?A_XD?LLSVJPVMF)]0=[C4O)3SHXXYHW;$A&5^167.> ?PH M ^:*^N_%G[5OPYTG1-8\$^&OA_#/X=6TFLK6^S&H=RA59/+9"2,X;O_L[^(/AKX3OM;UKX@V#:O/:11'2M.\@S+-(2\\E3\A(7[Y MQR>IQ7L]O_P4$@M[N.TC^'\$&@*=GD1WHWB//4+Y87U.WIVSWKXYJ:SLY]0O M(+6UB>XN9Y%BBBC&6=V. H'/RTGBF VNR#A75L X'.XYY KO/]F+X3VOQA^*MII.I%CI-I"U_>QH2#+&C* M/+R.1N9U!(YP3CFOH3]IB2/X4?LK^$? $\BM]]VMO%+&K#CRL2S,/4"3:/\M@5?./[.?Q:3X,_$ZSUVYB:;3)HFL[Y8QE_)_?$C]K MB#X>+:[P?X \';/:?H\ILYI9XV7S)%(#A5C*X (89)))Y^O3Z'-X8_;0^$ MVO7-[X>MM&\7Z6"BW=N 624J71E?)1R&!1LJ^67;'YAP&D1@"0>[(P!!SCKMINO\ B'P _^QS*]2\%:9? P!M M?$/68M]W+$I$=L73:KG/154G:O4DY(_.* /(_ P!COX5Z7\4?BHR:W;K=Z5I5 MHU]):N,I.^Y51& VK?#S]]3_A9GQ6@\$:MX6T- !&]7$ME:\]MVOSQ*01&3DE3G !P!][(Z8/FO[%/Q&TSP#\6I(=8N4LK+6+-K);F9PL<V4DDK%(BRHN3R=]N%R>N*]Z^$ MNBV/[+_P?N?B;XAMDD\8:W%Y&A:?,/FC1AD,1VW##L>RA1D%B*9X1*Z9^T+M\>O&'O.UO:;_\T:<2R37(Q'W6IHD]:-9JT6G6F#^Y@!Y=@,C-P6/T'0"@#SO6M9O?$6KWFJ:C;F7^ZS_KJCXIHHHK]F/@0HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ K]3_@OXF_X3#X4>%=69 _EGL(EE;. MUFO77U\QU12?^_3_F:^0* M "BBB@ HHHH ^LO^">.L1V_CKQ5IC-B6ZTZ.X4>HCDP?_1HKPKX]>'Y_^QG M\9V%Q$8C :D\\;G_)Y2.9(S^*_I]C\)?B1??"?Q]I7B:Q3SFM'(FMV.!-$P MVNA/;*DX/8@'M7V/XZ^'P[_&QK>T\1^%_$T>D^*%@$ &#X)K[E_8)TT^&/AKXR\57Z_9[":=?WK<9CMXV9V^@\PC/]#Z M5S&E?$^[FQN_M/B3QI8VNCPMNF>UA($O"OP MY'PM^&30R6/E_9KN\M#NACBR2\:/_P M'< _><9&&/)). #Y@\+W;:A\0=)NGM&'FU2&0CW,H/]:^E?^"B'_(Y^$?^P?+_.C*^4])OVTO5;.]49:VF28#W5@?`MZ5]_'+X.VOI66@^%_$W@[Q#81FWB="UP2RLC[6VL4R4="""I\1Z8Y /A#P M3_R>@?]A"W_/1BU].?\%$/^1S\(_\8/E_]6X5K7@H?#3XV0>'&U*#5/[M-U^U1[R_)8V8F-F'4XVDE3SU4UG]G P%#W5O&GA)0P)&GRDC/K)0!Y!^OQ!&

MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /K[M_@GS'F;QV^?NK8KCZFX_PK[%KY%_X))Q[;'QQ)@8:2S7/?@3?XU]=5^.9^[Y ME5^7_I*/O,L_W2'S_-A1117SYZ@4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 5Y+^UA9 ;OV>O&<>,[;>.7_OB>_ &6O6]\^ ;"M/MWP M/\=1XSMT>YE_[XC+_P#LM 'Y04444 %%%% !1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !115S2]%U#7+CR--L+K4)_P#GG:PM*WY*#0!3 MHKU7P[^RU\4_$VTV_@Z^M4/5M1V6F/PE*G\A7I_AW@GWXUO]K:QKFCZ3&>] MPF2XD'U&U5_)/ENBOO/P[_,$]?"=GM;6O$FK:HR]5M4CM48^X(^'?V?? B1XJV'3O!FK-&_W9;BW-O&WN'DVJ1^-?I9=Z]\OA/;K%<7_M (;\(1'Y5B:6"S#=\!,+R[YRT>G6J08]@SE_7;^%9_B;_@I;H5N MP7P]X+U"_!'+ZG=QVNW_("@DS^8KR?Q-_P40^>)>L+/'I=GHN@QOO')#;--- M'QUW2,4)_P" 8]]*GE&+];QMZL\ZIFV$AM*_HCZW\. L8_"K0=K2:'-]\] M)-1NY' -5*]?Q6N^A\. #_X66?VM-/\ #OA6WC&3=-'!:@8[ESC\R:_+3Q-^MTU\5/%KAM0\=:PHQ@I8S_8T(]UA"_B*\WNK]>^N)+BYFDN)Y#EY96+,Q]23 MR:]&GD$_^7E2WHO^&/.J9[' _)=P^] \.?K)XE .;\^$7A601W/C6RNY"'"0NF MI)> X_VHE91^)%>3>)O^"D? @NQCD70O#6M:O.I(7[68K6)_<,&=L?5: ._^BO M2IY)A8_%=_/_ "/.]9UB9?#9?UYGUWXF_P"'"D7C6^D(T+PUHND0D' C[,MW(M/3#!D7\U->2>)OVNOB[XJBDBNO&M];0LVX+I]1V97G(>)5?'U;ZYKG_(:? M 7QW\7)E'AKP]=7=H6VM?RCRK5(7,K84D>@R?:OKOX6_\$Y-*T_R;SQ[K;ZM M,,%M-THF*#/HTI&]A_NA#[U53^S<#O%7[;L5-9CC=I.WW(^) WBKXG:]'#NU M? Q5K,O"*6ENYV'MU;%?1OPM_X)Z^-/%/DW?BZ\M_"5@W)MQBXO&'^ZIV+GW; M([K7WIX8\&^$/A/HXL]#TO3___98 86\85I<=V;[SGW))JGJWQ*ACRFGP&9 MO^>LW"_@.I_2O+J9M7K>[A8HZG$_ VIJY%Q,"XER-B'W10:[[5?'6F;;E4D-W*/X8>1^+=/RS M7G6]>(0UAC]IN6=/^>: *@__4[0 #MYKTVRW3$8/SS-P]_XGVKSI47-^TQ, M[PGQK*"]GAX6-34/'&K;Q((+4?9@YPL=N"7/X]?RQ27MKH_@72SKGC"]2%,Y M2W9MS2-UVX'+M[#CUXGO'?Q>\.?!^&73])6/6_$V-K_)"?]MAT_P!P<^I' M!KY>\6>,=7\<:L^I:S>R7ERW"[N$C7^ZB]%'L*]?!Y=/$]Z7)3[]7Z?YGE8O M,(8=V;YY_@O7_([]XK_M ZO\0/,T[3PVC^' _+HMHSB29>WF$=O]D<>N>M>D M?LC>!?L]E]'BNYC^>?-G:9_N @R-^+ + _P !;UKYNT'1;KQ'K5CI=DF^ZO)E M@C';+'&3[#[:^_+>'3?AEX%2)?DT 2,3'8%]H _\0/E;]6KISB=/ X586@K$]D<-\;R7T_EUO,R+CT!SN7\#BN*HH ^P"_EUO,R+CT!SN7\#BN*HH ^P"\D?B,>]=)XN^& @KXN:;CZQI=CK43+B*]B(\U3(0P&>P./6OD.M/ M0? $^K>&+GS]*OY[*3OY;?*W^\O0_B*TIU)TI*=-M-=43*,9KEDKHU(B)^P;< M0^9=>"M;%PG4:?]V%?H?NRJ,$] RCW:OF?QE\. $OP]OOLGB+1;O2I2<(TR M?NY,==D@RK]?X2;^XO"G[2L\.R'Q#8"=>ANK/Y6^I0G! _CZ5ZOIOB7PM\2- M,EM(YK+5[:9<36-U&&)'HT3CD?ABOK,'O+BJ-HUUSK[G] \ P/F>)7RBC4UI MOE?X'Y245]|_$7]B? P;X]\VY\RS>%;IB6VPCSK5B3DYC8Y7T&U@!Z5\N?$3 M]F#Q_P##GS)[C23]^FIR:[2!?;8/.L'C+*,^679Z'\ M 9\)7R_$8?5QNNZ/)Z***|T\T**** "BBB@ HHHH *** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH HHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH

WT%^P#^S!>_LM_L^V_AO77BE\2ZM=R:M]RPOO2&61$1858=0D<: D M<;B^"1@U\Q?'3_@EGR\4QQ+XV\.-#%?7%N@CCOH90WE3A1PK MDQN'5> 0",!@H /F3_@GS\:O"7[$_B[XO?"3XN:I_P (=?VVK+<6=U?0R&&Y M5%9&([<;D6)T/1P_'3G]OV5Q$6F_&;]O3XW_M(0,VG_ OT?2S:1:Y>H\,_ MAC@MX?,!8#CR:621AU42)D#-??\ X\^"OP_^*5Q;S^,?!'A[Q3<6X"PS:Q[< M%U)&H; <%5G4D+G/&<')SUKX-_ ;\577Q^^*6A?L@?!6WL]#T2&5;GQ=>:,3;K M%:6,*,':'9& H5"0[],.!&C3(.X4 5O@GH.H_P#!1[]!6Z^,7BBSEC^#/@6Y M-IX7TFZ7Y+ZX4A@SH>#R%ED_!91 _%;'Z75^;W[26I;[S5^*P:_8Y^'6N77 MPZT][L4GU/6M-)?^1F1SB1"K;]MO/*^"OF-(H) + /GU<)-(^(7_ 3_^)'P MY\4Z7\5/%'COX;ZY?-9ZUHOB2Z-P%PR/*R MM#LA=E=0K!H\,6#$$_4VBBB M@ HHHH **** "BBB@ HHHH *BN:,:&\MY(+B))X)%*O'(H96!Z@@]14M% 'S] M\2OV5-/U;S;[PG*NF7?+&PF),#_[IY*\Q]*^:/$GA75O!^I/8:S836%TO.V M5>&'JK#AA[@D5^C%9/B;PGI'C'36L-9L(;^V;D+*O*GU5ARI]P0:^FP6>5L/ M:%?WH_C_ ,'Y_>?.8S):5>\Z/NR_#_@'YST5] ?$C]E/4M*:6]\)RG5+3EC8 MS,%G0>BG@./R/UKP>^L+G2[N2U0+>6TN8SM>&9"C[?0@\BON<-BZ.+CS497_M_#^X^*Q&%K867+5C;\BO2TE>E?L_^\/^$Y^(EF\\7F:=[_\ IESN&5(4C8A^_MK8X] :UK5HT*+CXS\:7U\C;K2,_9[;T\M2<'\22W_]^@OCAXN_X1?P M1<10OMO=1S:Q8/(4CYV_!\6F.XND.D M:<>?.N%.]Q_L)U/U.]\: //889+B9(HHVEE<[51 2S$]@!UKV'P!^SW>ZH8[MSQ&S:?:=19H?WS_[Q_@'Z_2O8_!GPUT+P-"/[/M0]WC#WD^&E;UY[#V&*ZF@ M"AHNAV'AVPCLM-M([.V3I'&,9/J3U)]SS5^BB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH _,#_ (+C^|KB\)Q=1=O7Z/_] Y$'PS_V# M+;_T4M\5>_#/CJ&WB\2^'=)\0OG[H8]5L8KE8F(P2HD4X)P.GI6W'&L4: MHBA$4855& /Z"@#XX_X*=?M62\,] !"7P_H=YY/C?OV/H55 MBS#J'D8'[HKZ>\2?#OPIXRO+6[\0>&-&\R[M!BWGU+3XKB2'G/R,ZDKR,\5T M- 'Y;_\ !5;X(ZO\) B)X4_:5\ AK#4;2\MX=7E@7_5749'V;Y8#JKA?)?// MVQCG>:^_?V;?CII'[1WP9\,>/-(VQ+]$&V[M G>)-+N--U?3[75-.N%VS6=["LT,HR#AD8$$9 //([5XA^T]\0M._9._9M M\3:QX,\.VMA])7[)H^FZ-IZI&;^?Y4D,<:X,WF0Y'(CQU(H \?\ V1/V^O$O M/2'[37CKX<:CX5TW2]%T6VO;]TO:,.25I]L%W' JR[B5.X29R O(Z<\(?:M?&W M_!-/)DNY_9]^%MOXK\512'XA^,@EY]'VC)EL[?EXH&)YWDL7D_VB%/W 3]DT M 87CKPO'X\<%%EB:,D>X#*5^0O[&?[1D_!./XB>. M/AC\]9? #FIZ?87]TDRW]G!YGE2QAD]U02/-@D7!#IDC:..#DX_9>L+Q9X#\->/ MK..S\3^'=)\1VD;%DM]6LHKJ-21@D+(I)'% 'Q;\5?^"OOP:T'P;?R^!YM4 M\6>*)(FCL+/^SI;>%9B/D:5Y0OR XR%#,>F!G(QO^"0O[-OB;X3^__%?CKQ= MILVD7WBQ[>.PL;R-HKA+6RRNA *B1!!@'G$8/1AG[+\,_ #X7^"[^,^\/? M#?PCH5[&P=+G3- "M;>16'0ADC!!]Z[V@#Q?D ,T ;P3]F+X4B/1,7GO%_2 K@# MP]I\:>9()#A6N"G.X1[EP,'<[(N,$X]_L! LGO\ LV_#&;5/$N:WXF>*F&H> M(+Z9 ,EC9B66VWG.=I8ESD[G9CD@+CW#Q+\%? OC+QWHGC37/"VG:KXIT10N MG:I=0[Y;4!BR[,\ AF+ XR"Z?\ 9M_X*$?"+X\ZQ8W3^!IK M/^S;^_MHFD%O+Y=Q!)NP#R(KA'"]6$;@9VFN8 ;C^,WA/]O?QM\)OA#!';R; MQ?._^K-?:G]5O9SQP64)"QEF+HIP]-([MC PHR2<#]1=Y_M>U'/V.-!D1H0?09;ZN:]7IKKO1ER1D8RIP17]5|TQ&)H>P]N2[M]3S*.6B?#U_;TU9]NA\[_'#Q5]NG3V3$X#2+\|C?1A MP?P->0>L95%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%% M% !1110 4444 %%% !1110 4444 %%% !1110 459T_3+S5KE;>9MQKR=N MD<$9=C^ KU/PQ^SIK.J[)M:G32+<|F)<23$?0?*OXDGVH |C +$ #)KT+P;\ M# $7BHI-/#_9%BW/GW:D,1_LIU/XX'O7T'X3^%_AWP:$>QL%DNE_Y>[C]Y+G MU!/W?^ @5U=`$>#/A#X>\&;)HK;[=?KS]KN@&8`_9'1?PY]Z[>BB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "HKBVAQ('AN(DGA<8:.10RL/0@]:EHH \S\4? 'PUKV M^6S231KD_P 5KS'GW0\?@I%>3^(OV??$^B[I+-(=7@':,9MLF/=&QS[FQJ2 MB@#X7O\ 3;O2[AH+VUFM)UZQSQE&'X&]I]?/#&]LTED;C293T$#[X\ [K9/Y$4 ?,%%>MZY^S;K]CN:3;NUU2,=% M),,A_ Y7_P >KSW6_!>N^&V/JI:3=6BC_EHT9,?X./E/YT 8U%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 45>TO0=2UR7R] M.L+F^?,.6\3/CZX'%=]H?[/GBK5MKW4=OI41ZFYDW/CV5< D<4 >9TZ.-YI% M1%9W8X"J,DFOHW0_V:M%L]KZI[%U]+CJD8$,9_F?U%>D:#X/T3PO&%TO3+>S M.,>8B9< 5S\Q_$T ?,'AWX+ ^* $>UTTYK"!O^6U\?*'UV _>/X"O5?" [-NDV M&R76[R34Y>IAAS%%]"1\Q_.? 2O8Z* *&/CZ%IWA^U%OIME!90]U@C"Y]SCJ?< MU?HHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "B

*!1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %?+W[7W[2 _| MP@-A+X-\,W6/$EU'B\NHFYL(F'0'M(P/'=0<]2IKM?VG/VAK7X)^&?LMB\=O MXLU",BRMSR(%Z&=QZ] ?O$>@./S3U+4KK6-0N;Z^N)+]\N9&FFGE8L\CLY)- $#,68LQ)).232444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% 'T%^PS_R7NT_M[!S_P"@BO>OV^O^1%_P#82;_T4U>" L_\E[M/^P?< |M(KWK)OK_D1? M#\ V$F_]%-7N9)_R,*7K^C/.S# _'6?]=3X@#HHK]G/@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH ^F?V4/VD6\%WMOX\376?#]P^VSNY6_X\|"?ND]HV/_?).>A. M/ND'/(Y%?C[7V=^R+ ^T<=2CM/ GB>ZS=H!'15]*W^M4=(&) B'\) [CY>H&?@ M.(,GYKXS#K7[2_7 _#^_N?3Y9C[6H57Z/]/\CZUHHHK\//]0HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "N+ ^+GQ2TKX/\ @F]\0ZJP?ROY M=M:AL/]?MJ? \B+X9 _["3?\ HJ]\% 89_P"2]VG _M &#[G_T$5[U^WU_R(OAG_L)- P"BFKW,D_Y&%+U_1GG9A_NL_P"N]\04445^ MSGP 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% /\AFDMIHYH9&BEC8.DB$AE8'((/Z&F4 M@3/T3_?^X-O?V"K+7]-(3S!L MN+4MEK>8 ;XS].H/<$'O7Y3GV52*4]GMZ2 _=R_!]O3M|Q]KEN-^L0|G/XE^*. MPHHHKY,]L*** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B

**** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@#Z" 89_Y+W:?]@^Y_]!%>]?M]?\B+ MX9_["3?^BFKP7]AG_DO=I_V#[G_T$5[U^WU_R(OAG_L)-_Z*:O=F'^ZS_KJ?$%%%%?LY\ %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !112HC2,J(I9F_JC))!* $HKO_#?P#^(GBQL:=X0U0K@ M,)+J'[-&P/H\I53^!KU;PS^PCXTU)HWUG5=+T6!ERRHS7,R'TV@!3^#UYM:,_ML'A_XE5+YW?W+4ZZ>$KU?@@SYJHK[I\,_L''^#]-\F36M9U3694.72+9;0R>Q M4!F'X/7IOAW]GWX;^$#PUEX1TPE#Y@FOH_M3J1SD-6(Q[5X5;B?!TI*:_$[MQ_RF71X-&A89$VI72*/H53E3R6D6HHZ8Y4^M'^9XKX9_8!F$ S<>5eSG'U_B]M>FGY'HT\!A]>T%\]?S/I[3]#\'?#F!C M96.B^&XV9HHHK;=VR2 _ C6/|_QT\'Z3E1]+7T@_@LXF?\ |>.% 6OE";;2 MXD:25VDD:DLY)) &FUX\I2F^:3NSO2459(I[U?\ :>B7*Z7HCOZ27DP7_P = M4' T*N*U?X >+|4W+%=0:]\3 MS,X'T!.!6;110 4444 %%% !1110 5H>';_/LKQ!IE[G'V>ZBFS_NN# 2L M^B@#[PHK,\,:A_:OAO2KW.XW%I%*3_O(# 6M.@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **9+*D,3R2-M1 69CV ZFGUSWQ$OO M(+ ^' B:]SC[/EU-G =B8_TH _(W7-2;6M;U#4'SON[B2=L]OV^O^1%\,_]A)O _$4U>"_L, \ />[3_L'W/_H(MKWK]OK_D1?#/_82;_P!%-7N9)_R,*7K^C/.S# =9_P!=3X@HHHK]G/@ HHHH M **** "BBB@ HHHH **** "BBB@ HIT<;2R*B*7=CA549)|"N^'\- 'XB^+ M&_XE_A#4]N PINDXOL]#Z-*5! UC4K4Z*4ODHKS=BX4YU';"OZ'G]%?2WAK M]A#=QE]31OK.KZ7HT#++&SW,RGTV@*I_!Z5\|_L'^#M-\F36M8U36ID.72, MI;0R>Q4!F ^CUXE;/LOH_P#+SF?DK_|_$]&GEN*]?9MZGPI6OH/A#??%3. MNBZ+]&KLAPPL;62;;]=H.* 2GP[^S_\ #CPC >$=+S&=XFO8_M+]1SD/*6 M(_UMZE\1_"?AZ/RY]:LH@QY4#^8R^VU,D?E7A5N*X+2C2;]7;\%?|]*G MDLO^7D_N/A#PW^QU\3O$#*9M)%A9=PEU*Z1?P*IN<'ZK7]OAC]@$_N9/$7 MBWM^]MM+MN_^S*Y_FE>SZM^TEX=L]RV-G>Z@XZ-M$2'\2<_I7%:M^TMKEUN7 M3].L[!#T,A:9O^/_2O"K<1X^K\+4?1?YW/2IY3AH;IOU?\ E8Z+PU^QS\,O M#RQF?2KG6YT:
<)M2NF;/L438A'U6O1[#1?!WPYMV^QV6B^&XGY8PQ16V_MDD M 9/%?,.K_%3O9K>X7.N72HW5+=A"N/3"8S^-]?M]?\B+X9_P"PDW_H[]S)\ D84O M7]&>=F'^ZS_KJ?$%%%%?LY\ %%%% !113HXWFD6.-6=V(5549)Z "@!M%>@ M^'/V??B-X]/_!+_ ?]87&1)>1"U0CV:4]#^ISU?pW^P?XQU%HWUG6=+T:% MAEEB+W,RGT*@*QO^/V7F5LRP>' B54OG=_MN0\I8C\#7A5N)\'3TIIR_!? CK^!Z5/)Z\OC:1^:WA_P;K_BQF71-5'RIPW MV&UDFVGWV@XKU7PW^QU\3?$# S:5;;)"PR)=2NE7/MMCWN#]5%?=N1_$GPGX M>3RY]:LH_+&/*MV\]KE];4R17&:M0^TGX?L\K865YJ##HQ B0_B23^E>%6XJO$ MM*--1]=?\CTJ>2TH_')O\/\,\:\, L_C]U)XB\6DC'IRVTRUQS[2N?YI7JO MAG]CSX9>'5C:,;2:C6IXSD3:E=.V?]B;4(^JUS6K_+2VNW6Y=/T^SL$/11-T MSC\>!^E<5]_Q2\5YCN%SKET$/5+=O)7Z83&?QKP]V<8^0\55KTT_*QZ5/ 8: MGM!?/?\SZ@L=)\'_YMV%I9Z+X:B?EO)CBMM_N< 9-8FK_':P?I.0NH27\@
M_@LXF;_OXX7]:^4I)7FD9Y9W8Y+,=T5(S0U3 MQ%]NN-G4-2NKWO\ Z1,SC\B:SZ** "BBB@ HHHH **** M "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@#Z_ 9EN=WA/5+?_GG>[_\ MOJ-1_P"RU[%7A_[+\F=/\01_W986_,/_(5[A0 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %>(_MG3>5^SGXG7('F);+_Y-1'^E M>W5X+ ^V!(5_9]U8#HUW;@_\ ?T'^_E 'YLT444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% 'T%^PS_R7NT_[!]S_ ,@BO>OV M^O\ D1?#/_82;_T4U>4?L+?
#KQ&WQ'C\6MI4\AZ.TFA%]-B2.P 3/+]#D MC(&.37V-\3OA'X?^+EKIMKXA6YEM;&$]+0Q'>)R+[1(IZY#REF'YUKZI\2_"?A]?+GUJS38,>5; MMY!7VVIG%?
9UN*X+2C2OZNWX* YG@4\EE_R\G]O*>&_V.?B;X@;_^EVNB1$ M B74KM1GVVO[V!^]BO50#/[*!HI/$/BUF&/WEMIEKCGVEO;O^TIH M%GE;"OO-0<=&8+$A_$DG_P
=KBM6_:.5UZZW+86%G8(>C/NE%6XCQ M]7X6H^B_SN>E3RG#0W32]_\ *QU'AG]C[X9>'?*:71Y]:GC.1-J=R[Y^]+M0 M_BM>BV>F^$/AW;D6MKHWAN%N2(8XK8-
^0&:^7=7^%/BO7,BZUR["]D#>2[] ML)C/XUS$DCS2,[LSNQR68Y)KP]V+Q&(BU'+U9Z-.A2I?!%(^K-7^._@_2MP M2_DOY%_@LX6;_P >,%_6N*U;|IY[F72]#*))+N;' C]C_P!FKP:BN0W/1-6^ M/?C#5-PCO8=/0_PVD('ZMN/ZUQ>]>(-4UMMVH:C=7ISG_2)F?^9K/HH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH ****
]V_9=DO)XDCSU%NP_#S/\:]ZKY__M &7_/C_/$'_7*'^;U] 4 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !7A/[;_XQZUSC_EXM?_$>E>[5X?^VA'O\ V=?$IVYV M26C?3_28QG]:/S/HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BB@ HJ6SLY]0NHK:U@DN;F9@D<,*%W=CT Y)]I^K/@K^PK]NO\ V?5? M'LTFBZ><,NDP$?:I1UQ(W(C'3CENH^4T ?,/@7X=^(OB5K2:5X;TJ?4[LX+^_M6,)$I_B=S\]#W)%?;GP5_8>T#P?]GU3QH\7B35UPXL5!^Q0GT(,/L WL+_L]MZ^AO"(&0\D .BQ:3X?TNWT]PCZ10+C6; ;8DFK>HZ9Y2Z7>6-I-*/ME M]
(8[>W7EY,#+$#^ZHY)[?4@%1.3LA-J*NR[#"EO$D42+'$BA51!@*!P !V%> M_&3XP:OI.BB?2-"Q_LEMJ(YY(U4L\O5@&\)&,@<8Y!KV7QIXFB\(>%]0U6 M7!-O&?+0_P 7,MQ.[2SRN9))&ZLQ.23^-
(9;U3Q!]> MMONU#4+]];.?](F9_P"9]A110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 >Y_LO*/M7B)NX2 ?F9/\ "O?:\%_9=C._Q(_;M%N/_$;7O5 !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 5Y'^UE9 ;OV>?&4>,[;>*7 _+XGC?\ )EKURO/OV@K/[=\# '4>,[=' MN9?^^(R__LM 'Y04444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%= M5\/?A?XF^*6L#3?#>E3:A,,>;*!MAA!_BD<|*K/RX>\: .5KV3X,?LL^,/C T M-XD']A^'F()U6]0@.O|
TR3@R?7A?]OJ?X* L3^&O ?D:GXK,7BC7%PPA9? M]"@;V0_ZP^[\?[(ZUUWQJ_:H|% !-TT=GD\0^+I<16GAG1QYEP|AQL5\9$0. MY<9^8@Y56Q6E.G,K+E@KLB4HP5Y.QK_"GX_^"O@?
IS7&G6R2:@D9-SK6H%3- MM_8ACO&N,\+@8ZYZUZ5:W45];/ V^%QE'O@,/4>Q('OUKOWX=^"?&?Q GM M_%7Q6>*V.X3Z;X*LFS9V&"&22Y/_ \3C"D:LHA&5 ;[MSXU?]Q^', FF;:
M8[!Q&Z_ZO.4M@1PTGOW"]>YP,9Z;>%G6]*C2]Z7EM]_ZF%7$0HTW5JZ(W/BS M\8M*^%NF_O2MYK$RDVU@K 9-HR3_O,V?Q:O=OV'IY7AE1CK4GN_+LO M+\SPL%7J9EB75EI3ALO/S_K0\?]
VDO%WVK4K+P[_^8[4?:+D _\M&'R*?<* M2?\ @8KQ.KNMZQ<;_]]Y]-TVZXNI6E?G@9/0>PZ#V%4]^5/IPHHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M** M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** /H/\ 9AAV MZ3KTN/O3Q+ ^2L?ZUI;7C_P"S-#M\'ZG+C[U^5 *-# 6O8* "BBB@ HHHH ** M*** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@

**** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ^" V\OA- P (M P"++/OO80[;'6.6][M""72K\K' 'T'YHQ[U\]U^N/Q: ^:=]\5/A[KA]ZV MJ;R$^1,P P!3,OS1O^# 9]1D=Z)G5])N]!U6\TV A;VO:.9[>>%^[.K%6!^ MA!H J4444 %%%>O?!G]F"QC\8Y(K]VM_['T!C\VK7R$(PSSY2]9#UZ87C!84 M >2VUM->7$<%O$!!\C!$BC4LS,>@ ')-?4 P5 88UGQ-]GU7QU+)H.F'#KID M6/MDH]'/2(? FW;"]:^HOA'^SOX+^"=G]HT^U6ZU54/GZS?X:;&/FVGI&OLN. M.I->(' /X*)>% ?VC2/ "0>+|<7Y3|&X_V= >>0RG,QZ<(0O/W^,5J74#H3$G(B!YY. 7P01L(KY1 ^)/Q M6\5 %W7VUCQ;K5SK%YR(Q*<10*7MS->7EPYEFN+AR\DCDY+,OY))[FH***] MT\T*****8@HHHH ***]A 9R 9E\3?M$ ^)/L ^G(VG>'[5P-0UI]9*8H1UV(/XY" M.B@\9!) K.I4C2BYS=DBXQE-\L5]/S-3UR["I)/M&22>B1KSA M ?A[X+ 9S^'G]GZ5%%I&C6: ^;=7EP09;B3@&25L9=R< >RJ , M"OFOXT?'B^ ^),[Z=I_F6'AV-\B'.'N2#PTF.W<+T'4Y(&/G%[?.*GLZ?NTUN M_P"NOD=]6K1RN'//6;V7]? F=!\,M+T<_ 9Y)/,N6&?EA7E^>V1P/=A7VM\1O$\7@/P3=W<,V*58Q;VD;@8] MPC"X'HHRV/137QW$&*Y81PT>NK),GX_D?6Y#A>: ?'3O=_P MDWC::VB?=9:9FVC]"X/[QO\ OH8^BBO.J&8LQ).2>2317PI]L%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110!M>$]^'J^-=46 MPTN#S),;GD8XCB7^\Q[#]3VKU; A0 AS0U2/Q!XOAM+EAG9OC@'X;R216WX9 M:/X3 !-M82,?VG?1K,&*\EY.(@?95(./KZU\]W] 37=W.]S./QKR6M'2?$6IZ%' M=)87LMM'=1M#,B'Y9% (P01TZ$\]1VK.H [WX3 #$=Z3: ZO /N9+.SM$7,D:@E MG8G Y]@3^54OBA\V^'FOQV:3M=6LT0EBF==I/)!![P1 ^1%>B]6 &_P"#*3# MJ>ML"&'##S! 2)?P]U\4(U^(/P@T?O-$ UU:!7EV]@<)*/P< _04 > 4444 M %%% 'IO@WX+ VUH.6NZWK-OH>E2C,;2$;F&2,DL0JYQOU^E=']\"O#/B.& M8>'?%BW=S&,E2T]>,76I7=Y!;P7%S--#;KLACDX9? NB/:0=M5UO/]10!R7B-P >^%)9NM,OX +N;=+MK;>5 M8=0P(<$BABQ)/ P:7]H:\|MKXB.D! M4O!:QQ3;{_T%EKK_(&?]DO\5 [TW_H@<4 5/^%(^#O| H=8?^_T/_P 5 M7GWQ(\'Z5X/U"T@TK68]8CFB+NR,K&,YQ@E21S_2N0HH [KP%\-4\3Z5>ZW] MNI+H^A69VOD:A\,],!*?#F/5]>DN$UR__ /&SC<*%'&"X(SP.3]0 M.M.^#O@FWU.YN/$FM;8M!TK]XS2#Y99%&OON!P2,_[US?O#\;W/CSQ)-[$N MY+9?W=M 3]XP>/Q/4^Y^E ',T444 %%%% !1110 5U?PO\ !Y\;>,;.P=K5]U5@^.O!NG_ !!\(:KX=U1-[E]$#0N>Z'[K MGW5&'N!0! ^/M=-X!^&OB3XG:RNF>&]*GU*XX,C(,1P]?XI'/RJ[/>>V37TY M\+?V!;Z;5IKGQW]"V^FP3,D5C[|@RW2]Q =GZ(K X&6P?X37U!IVM?#W]G' MP,);R;3?"\AZ X1 ,-*^.BJ,O+(0,\F.,U48N3M%78FTE=GD7P5_8A\. ^"? M(U/Q@T7B?65PRVNT_8H6_P!T\RGW88_V>]=G\=/VK/ /[/MFUK]=X-0UY8QY M&@:;/M:?H-N_ ^&)>0(?&?VG1OAU#-X6T9LHV]RX_M M" <8P=N"1",3]TEN 0R\BOCFZNIKVYEN+B62>XF M%R>4K3Q&B[=3R:V.2]VEKYGM7O[&O/'GQZFFM+Z[L3PR6 =Z'ISE8F&<@ MS-]Z5NG7Y'A MSU'H:TZ"3$M\!B6\(/,<&1SZ%SPON1 MBOTW P**\? ?P M[6VM[?0M T]*M[2W'S,W7:H)RI[QO7A4K,OR3^9 MK\BQF(>KRK/K^70_5L)AUA:,:2Z?GU(:-255*XSK"BB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH ^B/C2Q_P"%-Z#Y/^]+VN?] MWR6Q^N*^=Z^C?!,EM\6/@)X?>98]1LXEM_F_@*M>M:|. MWL[F\CL&M;.WB;5KB[!C4A1DA>,L>.PQZD5Z!^S?H,<<^K^)+K"0 M6D?D1R-T! (W2\%" P#?1H 9^T-<7NIZ]!^DV5E<26>GP9/E0L5WOC@8&.%" M_F:V/@*LVH^&==\,:K:SQ6\@+IYL97*2+M<#([$ _P#]YVX ;7\1?:)?(L- M+$.X^6)(1"VW/&<2=<5?\,? M&:SJ'B'3[74[338K&>98I9(8Y%9 OQN!+Q*&5 M@\],E 'CNL:7-HNK7FGW Q/:RM" U4D9JI7K'I1GAK^R_%\J11B'4HLL0.,/ M3"M^CP_G7%:3\/==UOP[=:Y9V7FZ;:!S)(9%4X498A22=]MY>-V[AB.N1S[5(!X5 ^)7A#7(3HFB>=X0NKHA8W MBMH4WN> <,"?ZO=-GBM9XUECG"[D*L,C+#(!P>AY] M/POX!-1\#:.^8[V #S3;]SM["'[CGE\XM*S*0< 8X^@KN/VG M-4MG.AZ1^9, _]BD*!GZD' OFO&[CPW]EKI=O]4MA<+87 +1W.PF-@"1 MU[!['>ZLTM['?4 M=,NN9;*Z7*$D $CZ@ ',0:Z;'QC]_P 5)K?PCHFF6>@:9. ^^XCLH\ ("'S,0 M ,# X &3@=Z[\1&D=4125,%2W<Q@"7O8A\3:KI_P , "K+!IMB,WMQU!9>6+8ZX/7U<]L5FV_PH\&:M]4V MA:,XKFDU^/>-LD/IVG(^C' SC',&/&?0TG[-,R?\)C)8D:,\ED2I8\]GO3N?Z M5ROPUL;R/XK:5; [6^U0W\T8Y&W. /X T *$N:;1HG .1D M'[/8]:IUW'QLGBN/B?K;0D%0T;$@ P 2Q(& 4$?A7#T %%%% !110 6(&30 M!V7PH\$GOQXNM[:1";"W. ?W38XV _ X$<#Z9/:OKU5$;A5 55& , "N$^# MG@7_(0GPI'HCVZG>XFN<]5X^5/^ @_F37>4 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110!Y; ^TM\0/%?PN^#^L ^)O! ^D6NKZE8A9)5NBQ6"# ^,;8O+[1@XR,# M+$G;@_CUX^^(_B;XI>()-;\5ZS=:WJ3C;YMPPPBYSM1 J+DD[5 ')XK]T[B MWBO+>6">-9H)5*21R*&5E(P00>H(K\>?VO(@!+|_BI$G^]&3CUVE">M?3Y-4I\SIM>]T? Z'CYA"=E)/0\.HHHKZP**** " MBBB@ HHHH *5:1=.|J69C@=!DDU9TO2[W7-2MM/TZTFOK^ZD6*"VMXR\DKDX M"JHY))[^OTR_9# 8=L_A:MGXN]&2WNBG[N2-U< M.*O=/"0YI[]%W.FC0E6E:)P?[(/[!OE_8O&OQ.L?G^6:P\-W"],ZR7(]>XB/ M_ NZU]9?%[XT:7]*]-$$8CO=*-3)9:S/]FKW M3W=Y+U9NBCLJCH%'H*R:**^VC%12C%62/BI2G_#+P';VF[;8Z3:%I' Y8@%G;']S9,/4 MU\QGV*]C05&.|_R/I,CPOM]_MI;1 ,\D :4|7>=<67AR!_EB_P!*N)-;O=3NCF>ZE:1AG(7)X4>P& /85GU^=GWX4444 % M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110!HZ M#XAU'PO]*7VF74EIA!X[C]-7-G^TQK<-NJ7].EV-Q*.LBETS^&3S7 MCM% '2\ B[XV^)%)MGQ]-LD5FI4N/0L23CV& :IZ;\4M1TGP+<>&+ M6UM8[:<.LER WFL'/S=\=/EZ=*XRB@ HHHH [;OE\5M1\<:#9:9[%I:@VKJX MND#>8Q"E3G)OSG)^E>BWNH?!*P^!]OIEPE>%?CYXB|-V.-E*EO]=K"@2/[0I#]H& -RGD?4$^]-FI?M*:Y/; MO'8Z;96)8? ZP[I&4G]1R(/@7D-% %K5-4N];OYKV^N)+]Z/F 7ED.2>W\]/ MKP9]<-:=]\;9#]IQ6M]8PY$:3*0Z DG 8'IDG]#7G=% 'L-]^TMK4D+)9;58V MC,/OMND\(ZD#(^7/7-
>6:WKM_P")-0DOM2NI+NZDZR'MZ = /8<51HH WO M_B.U\)^(K?5+K31]OV<%HH6E\L"3L^=ISCGC'7!['5#XM|47GC+7KG5+YOWLI MPL:GY8T'W4'L/\3WK'HH T/#^OWWAC5H-
2TZ;R+|$Y5L9!!&"",X(KT*X ; MU5EFFM=&TFRU*92LE]%"?,Y(C) F37EM% #[BXDNKB2>9VEFD8N[L(#K%W%NT[3F!4,..))NJCZ+]X | ?6O.M T M.[\2:Q::98Q^9I/L!DGV%?9/A+PS:^# :;5:#. <" -(1@R.>6 M8^Y- &Q1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !7EW[1WP,T[X __SO MO#MUL@U*/ 2-,OF'-O<@'3 ,++9*L/0YZ@8]1HJZ ">* 67]GO\ M9O\ "O[-
WA22.Q\NZUB>(2 N_>%<0OD+GMDDGFO+QN.AA59:R M?3 ,{,/AI5G=Z(Y;E7]C_1/V?\ 38]6U+R=9\<7$>)]0VYCM01S% #'T'8O] MYN>@KI Q#R ,:.32?
M&@>$[@27W*7.IQG*P^J1GNWJW0=LGE>; ^.7[1DFO?:-- M|*SM#IO*7.HIE7N/5$]$]3U;V'WOGVL\!E1B69F.22>I)IM%%?8'R04444""BBB@ HHHH ** M** "BBB@ HHHH ***?'&\TB1Q[SR.0]JHR23T I#/= V3? O]K^)OQ)'H'Q+>$3W ':)3\H _%AG_ (!7 M; #'PA#|- A_8.;*5CDAB,]Y+GCS2-SG/H.GT45\O>._ %$GC'Q7[&]ON$B _]Y^H9=AOJN'C:[O5^K_]Q@T445
MY9Z04444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !117IGP3^&I]8ZP-
1OHLZ/9."P8<3R#D)!]P3^ [T >E _7X= \([H M_P#;E]%MU*^^3]TK#F*$\C\6X))L>]>LTE+0 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1117IGP3^&I[8ZP-

*MD'D$G71RO#X>O[>FK>70^6OCWXN_X M2/OH|E"^ZSTL&!<'@R?\M#^8" \/>O-:]U\8?LW3M)+=:#]N&8ES;WY^< MD\G$@ZGZ@?6O'M>|*ZOX7N/)U73YI)\X!D7Y6_W6'!_ UXOZYET444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !15C3]-N]5NDMK*VFN[AONQ0H78_@*|3|* LYZW] MNR;6)X](MSSY8Q).? P!P/Q/X4 >2=>!R:]!\'?!'Q'XK\N:6'^R;%N?/NU(8 MCU5.I ']Z] \)?"GPWX-*2V=B)[Q?\ E[NOWDF?4=E_X"!784 <)X, ^#/AW MP>8YQ! _:-^O/\][,:?55Z+_ #]Z[NBB@ HHHH **** "BB@ HHHH **** M"BB@ HHHH **** "BB@ HHHH **** "BB@ HHHH **** "BB@ HHHH * M*** "BB@ HHHH **** "BB@ HHHH **** "BB@ HH HHH **** "BB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "OG7_@H=_P F6_%7_L&+_P"C MXJ^BJ^>O^"@EG/?_+&OQ3@MH)+B=M,7;'"A9CB:,G 'L"?PH \O_P""0W_) MFVG?]AJ_P#0UK[5KXQ_X))V%UIO['FFQ7=M-:R_VQ?-Y !&<\,*\:O/#.L?]$G M?VPO"E^M _=ZS\,/$%C'!>W3(;]#"+=#8./,AEVS*!_"R+GYFKW#_@E/^SSK MNO>(O%'[1/Q%AN)_$FM7-Q#!,E_&5E8R,3=7>#TW$F)>'|@"3L17U3^W1^S/# M^U%| =8/6T2'Q1I^=2T&9L B[13^Z)R,+*!:,YX!96_A% 'OFFZE:ZSIM|] M%C<1W=C=O)/!<0L&26-E#*RD=0000?>K-?GU_P $D? CUKWB+P#]GPB\76&H6 MNK^$5\W39KRW="UB7VM"Q8<-#(0 #_"Z@#Y#4?[57[9GQ5^&O[=7P^^%G@V6 MQ/AW47TN.(L);)99+HW%R4DS(060!,8*XQ@DYH_0FBBB@ K\AOVP=6NOVY/ M^"@WA7X,Z/<22^%?#%R=.O)8"2J,I$FI39QPR]@A&>-\0Y^:OTF :A^,$OP(M^ OC'QK:VLE[J6GV96PMXXC+ONY&$4&Y1 ")'4M_L@U\4 _1'CX ZC>+ M_C'XIM;E=;UZ=M-TZ6^1A,T(<27,^6&3YDNU<],O$< MF;33X\06JL!)>7#<10)_M,W?L 6/ - 'SI_P4+ ;6U#X7^%))^#OPQB:X^*7 MCC%C96NG "2PM9&*-* /N.YW(AXQAWR-@SX]^T%X9N?^":?[-AX:\&7HMO' M7BO4X;'6/$5FQ2?SGADO&0]K$(4Z$!]PXQO)KN?\ @GE\" $/C[Q1K/[4 M'Q6C^^T>-/%A9]!MI5(6PL6&T2(I^Z&0!(^XB& \%OO@%X@^/G[-#6 MA6QDU37_ _JD.L0Z?;KNFNHUCDBECC'=MLN_..3Y>!DD @'SO\ &# @FGX3 M^$O[*-S\0O#FL:[8 %CPSI:>(+C7$OW'G3(JR7"A0 4 'F%"N&! W$\]U\G?L M__CM^RSX#\8;Y+Y^N7%K):W\W&99K>;2 R-@ N(PY XR]?%/Q& X**P M?&S]FBX^$/AKP'XLO?B_KVD1:#>Z>2,$'#!&E*:AU" T >T4444 % M%%% !1110 4444 %%%% !1110 5%=6L%] \%Q#'<0N,-'*H96'H0>M2T4 >9 M^) V? #6N(Y+))-&N6YW6W_>?=#QCV4BO*/$?[/OB?1=TEFL.L0#G-NVV3'N MC?R!-?4=% 'PO?:?=:7<-;WEM-:3KJZ*9"C#\#5>ON/5-%L-P_W M)XPX'TSTKSS7OV>?"^/]GLQ<;3*?^>$F], ^ZMG]"* /E^BO6]=_9MU^QW-IE MW:ZI&.BD^3(?P.5 |>K@-:|#>(/#NXZCI%W;(O60QEH_^^QE?UH PZ*** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HK1TGPW] MNO/MT]3,J],<9@A9@/]0,"NZT7]GSO7]A5KF*WTN.]3<2AFO_NIG]<4 >;4] MJ78*H+,3@ #DU]'Z!^S7HECM?5;ZYU.0=8X_W,9 ++2]*!'T/P=HGAE0-,TN MVLV QYB1C>?JQ^8_B: /E_PU\&? %7B;8|>GM8VI?\M[X^,>NW&X_@*]'\-? MLVZ18(]-9O9M3EZF&+]U%]#@CYCI';?R-.L(+&+N(4"EO< MG]3]:T;** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@]M]5Z--T^ZNS#-<"WB:4P MOTT4PE?:"=I*.68XP!W-?!_[%O(./C#QS\?O&G[27ODT&ZT/O-?WDL/AW0=23 M:+80[?+$K*>1MBVPIG!P)&(Y4U\]T4 %%%% !1110 51UC0M-\]16?V35=,M= M3M-P?R+R!94W#H=K C-7]* &QQK%&J(H1%&%51@ >@IU% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 <_K'@'PYKY+7^C M6<\AZR>4%< \"7[6N,U7]G/PM?;C:/>:>O.*S+CX2^#[KE] M1SG]V"G M_H)% 'Q[17UC)\"?!,BX71VC/]Y;],/ZN:K2_L_>#I"-MI?"" M@ PWC8[FX//Z5:3X"^"U8$Z9(X_NM=2X/Y-0!\HT5}>V_P &_!EL,)H4!XQ^ M\=W_ /0F-:=O\| PQ:G,7A_3%;.=QM$)'XD4 ?&"(TC!54LQZ!1DFM>Q\': M]I6/LNBZA<]X[9R\SQ7VC:V-O9+MM[>*!?2) H_2IZ /DO3_@?XRU#!_LG[M,G]ZXF1?TSG]*Z?3? V9=;F8?;M5L;1#U\D/*P_A1^M?1M% 'D.E?LUZ!:X; M^OIV^;^ZI6)#^ !/ZUV>C_"SPIH15K71+4NO22X4S-GURY./PKJZ* &OQK&@ M1%"*HP%48 IU% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110

*4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110!]$?L(\EV7_L&7'\TKVO\ ; ^_Y%;PE_P!?LW_H M KQ3}A' _)+LO_8,N/YI7M?[?W_(K>$O^OV;_P! %>[D?_(QI>K_"9YN9?[MK{\ KJCXIHHHK]F/@0HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH ****/I[!FS]K";P?]F\,>,KB2XT+B.UU M)LM)9]@K\VC],Z^XX'W!:W4-[;O7%O*D]O*H>.6)@RNI&0P(X(((U^0-?0'[M-G[3EU\+;]+0=?DEO/">P8GED[E,\E?Q'.0WPV=9"]U\3A%[W5=_-> M?Y^-N_P!'E^9.G;E6>G1]O^ ?H'15?3]0M=6L;>]LKB,[M+A!)%/"P9'4C(((MZBK%?FS33LSZT****0!1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !

'UK1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %

*!T\UAP/P7' ?1]7XO?Z+|+? =O;\6C0)(P7@,WE*03[,Q $UY'JNI3ZS] M5U?W+;[BYE:61O| :8YJX5Z%X; ^*.DR>$H/#?BS1Y-6L+9@;>6!]LB#G ZCD M9P,$<<4 ;6B.;K]FW6A=9*076("W\[R(C'
)F ,UE !WPA:OI<>,==Q%H MNEY>(./]:*.A [X,,>K$#L:O1ZS _,+4ETWP7X9TQM$\.POYUPQ;<^T$DLQS MZGH2EQ\0-8MO GA)(XM$TA?W\Q;$>Y>"6/< DCU+$GWH \O|<>,+
MKQQXBN=3NL]&.R&'.1%&/NJ/Z^1)K!KTZ]^(=U)IMU();49FMK-P7 M![@8)YX/!QG%>8T %%% !1110 5UWPK|' |)IXRL[.1"UG$?/N?3RUQQ^)P MOXUR-?4?P%\%GPSX3% <1[+
%/$K;ARL0^QXO@EO^!#TH],50]@ 8 X %+ M110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 M4444 %%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%%
!1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M% !1110 4444 %%% !1110 5|(_MW?!O^PO$-OX\TR#%CJC"#4%C7B.X ^5 MSCH'4< [2^K5]W5S_C[P5I_Q%\':MXGZ/Y&] $"9-
5O!AET> MV8 9XS_TT?@R'V&%XZL*]G^+'OX^'O[.?AZ%=;O8+%DB_P\"T+38U-Q*HS@1 MPC 5>"-S:5[9KY _&@/^'OMS>'3YI 3R M?D4C-?
#>LZU]'B+5+G4M5OKG4M1N6WS7=W*TLLK>K,Q))^M?0X7*)U/>KZ+M MU_X!Y=;'1C[M/5GT%^T#^W'XX^-2W.E:>Y\)^%9,H=.L929KA",8GFX+ |_(
MH5<'!#8S7SA117U=*C3HQY*:LCQ9U)5'S2=PHHHK8S"BBB@ HHHH **** "B MBO< V7OV6-= ;*\1[SYNE^$;.3%]VS]>#Y,6>&D((JE!R>P;*I4A1@YS=DB
MX0E4ERQ6I0 9K_9E\0 M%>*)L]F&TI[PY:./1UATRD0Z>@_CD(Z+VSDX'7] M6 #GAOP;^SO\-X[#3X8M&T#3TRS'!DGD(Y6CUDD8C^0& ^SL5_1 P"S[\.8
M;2RMX=%\Z;'LB@B&7E<_]\C'DD\GDDXR;^0_BM\6-4^*6M&>Y)MM-A8_9+% M3\L8]3 >8]S^6!7SU.G6SJK_"TE_7W_)?GV8C$4LKIVW]/^ON_,L %[XPZ
ME\4]6^;=+;L3:V.>G;S'QU3+'GH"3C)]AU/ ML*F4E%-O9%13DTENSTD3_&1_ OV33-0!5Z,>)+HFTM"1_P LU.78?5@! P M-'[2'B[[=K-KX?@2,-D\!/.!WE82*/P4 _^/GTKVA$T[X9^!511LT 2;0*!P"^
#^MT?\ H3-^K5|=ZM]<^M:G=7]TV^XN96ED(Z;F.3CVK\DQN)>+Q$]KZ[>G0 5, M'AUA:$;2Z;^O4JT445PG:%%% !1110 4444 %%% !1110 4444 %%% !1 M110 4444 %%% !1110
Z&9[>9)8SM=&#*WH1R#7TA\3I)/O5^&NFZYI$9GN MKI8N+_ ,(+/>]=TD<,G/?YR, I7)>//C9?^,-*;2+2QATG2FP&BC.] MW .0,X R!P!VZT =A\|!&'POX.U[Q=>)\NQECSP2D8RV# M-@?5;RY?
CUHL M\KR2> ,"21R69VF0EB>222)Y-8.N?%6WO/AG8^$/]T^2T")&MQ.T@(?:=S8 M'\3\UYS0!)?" XP;9XD\1#1K?P[;Z$;A&=7@E4B1U&=1 I?X=QS[5XK\3/# M7 "}^-
M4L%7;;^9YL'IY; ,H'TSC*Q #^LS>'=5^A& M1^-=7\5/'UG\1M2T^ZL].FM+F*,PR;W#&0$Y4# [$M^= ')2:#]<6F+]+Z== MII[?=NV@81'G'#XQXUU\LW .*FI)X1 ^$.D>%K@]=3N((4>-
>=BQE69O^^@ M!|\^E> 4 *]M(RJIEF8X"@9)/I4EW9SV%P|O*/"EO?2],>=&]2#\%<97_OJ@#A?A#%? M2_$71/L& _>LX:4KVB'W\^VW/YBNG .:2EMY/'5JL1!G2R19L=CO<@'WP1^!%:
M$WOYTK0[.:+PKX6M]-FDX\Z154?4]@^;\6KR'4]2N=8U"XOKR9[IX28X?+<+Y9)&3S]TM;"_'WO)HA'5Y]6U>WN+NZ@C_T^&%%*!SG+,21@CC'!ZD]0*_ MXUF:/X)> TTBU=?-%]U=-
]S,AY@3D<'VY4>^XU#|&QY?PS|>36^1>?9G&Y?O M "%R,?B6KRKQ)O$N_%.M7>]7S[[BX?WE3=I M]M^_NO0H#PO_(X"TSZ5)>*H50 , < "N&^#W@7_A"/"<;W";=2O,3W/*\ M?*G _$?]37=4
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%%
!1110 4444 %%%% !1110 4444 %%%% !1110!YS^T'\2-;^$OPGU MOQ5H&@KXAO=/0.UO)*46)#PTS #+*F0Q48. >1C-?D)|6OC;XQ^-NN_VIXMU MB6_*%OL|HOR6UJI_ABC'"\ #/+'
R37[>75M#>6|MO<1)/!,ACDBD4,KJ1@J M0>H([5^//[77[/\ -\ ?BE<6=K$Y\,ZINN])F.2!'GYH2>[1D@>]4H3UKZ;) MITN9P:][HSR,?&=E)/W3P^BBBOK3PPHHHH **** "BBB@ HHHH ***^D_P!D
MC]C _%/>;K'K>MK-I?@6UD _>W."LE^P/,4J]S/T'09/3&M0&4QV]@YTA3 ME4ERQ6IG?LI_LEZQ^T+K@O[WSM*\%6VAT;0M/C\FUL;51ND;DA4!.6=CDDD^K,>IHUW7O"WP*\"V
MT,5M#IFE6<8M['3:10I!?MNL7_(JN8LPV8-K;%AUE M82.P^BG' _SZ5\^VMK+?74-M!&TL\SK"(&O5F)P /|:^_P#P-X;L AGX LM/ M=TCBL:!5K^+O$4OBSO+[&K39#7, MI95/*#A% ,0!^%9%?
G!^@A1110 4444 %%% !1110 4444 %%% !1110 M4444 %%% !1110 4444 %%% !1110 4444 %%% !6EX;U@>`]=LM2-K'> M?99!*L,I(5F'0G'H<'|*S;* -CQ9XJOO&6N3ZI]#*9I,
(F0D:CH]CT_Q)K' MMH **** "BBB@ HHHH **** "O5O@'X! X2+7CK-Y'N MT_3F'!0,,)>]NJCZ+]X ^^VO.?#^A7?B;6;33+&/S+FX?8OH/5C[9)^E?9/A/P MU:^$?
#]GI5H/W5NF"^,&1CRS'W)R: ->BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH
**** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "O*/VE_@79?M ?"'^\/R>7!]T)^U:7>./]3<*#@$]=C E6]CG&0*]
M7HK2G.5.2G%ZHF45.+C+9GX)Z_H.H>%M)>;BW4<3X'5HQPW]@_P!CG\X: M_0L)B8XJD|BWZ^I\M7HNC-Q84445VG.%%%% !1110 445]AZK#G]PY;HO#]5'H:TZ&_@CX,
MM46WAM+6WB%OIVE6BA-^T8"(!]U0,9;H/,O&>]^/->GU?5[CSKF3A57A(D'1$'91G] M23DDFO#P^&K9Q4]M6TI+9= _ZZO[C?&8RGEL/94M:C_#^NB)_'?CS5OB)KTNJ_MZM-
OD/RO0ID1PIV1!V'ZG]:KSBCNN80C3BH05DCX: MQ5?6O:OVB?%_C^&8=&@?%$J3?O-IY6%2"?^^C@>X#5N_!/P,/A_\,["SF01 MWTX^UWA/42, =I_W5'K^:KYW^)WBT^-/&&_5_]"L6M5;R+;T$2|
CZG+?\"-?E M>;8KZWBI27PK1?+_ #/T[+,+]5PT8O=ZLY6BBBO(/5"BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ***L=:IUS]U!96<+3W.[A(XT'+$T :W@CP M?>>.,/$%OIEH-H;YYIL9$48ZL?Z>]{(%?86@Z':>&](M=-L8 *M:=-B#N?
4GU) M.2?K7/?#'X>6WP_T)8/EEU&]=C0 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444
%%%% !1110 4444 %%%% !1110 445\1 \3OVKM0_9]^$-EX8|+7 MSV'C'Q>)9]#O=E(KUOF;2] M2*Y:VFQW|E&X#+W&#U\ (_'7QMX+UGX=^*M1\. ^(+&33]6L)3%!!)ZO'0P/1E(
M((8<$$$5^[]?/?[77[*UA^T)X7^VZI^;A?]\1B]>&I^TF_3S/$!495I;6V\N\)03)F"T/W8@?^6DF.@]!U/L,D M5?C=|=+3X;VKZ;IQCO/$.OQI[FJ7>M:A/?7]Q)=WD
M[%Y9I6RS'U)KR\'@:N95/K6*^#HN_P#P/S#'8^&!B\/A_CZOM_P?R)-:UJ^| M1:I7UP^^6:0Y+'^@'0 < <51HHK[=)15EL?$MN3NPHHHIB"BBB M@ HHHH **** "BBB@ HHHH ****
.P^$@0EOB!X\TS22I-]7\ZZ89XA7EN>V M>%)!6%?;'Q.\5)X'\$7EW"5BN&46UH]\8D88&\/ = +?|\KS7]D_P+_8WA6Y M\1W,>VZU1MD&XQW5^:YWBOK&)]G':&GSZ_Y?(_1,FPOL/SO>6ORZ?
Y_\GHHHKYX]|*** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M52S 9)X %?3?
P3^%@\)V*ZQ[<7_ !.+E/DC8S'OZ=/7.%\$/A#]G6 M#Q'K<'[TX>RM9!]WTD8>OH.W7KC'N5 !1110 4444 %%%% !1110 4444 %% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M% %%% !1110 4444 %%%% !1110 5^0' !52-?$7[=WPGT+4F*;3)I6EQ.&^[ME MU*X61OR ' _: _7^OS! X+/?!/5+|T\$)'&C#^R-
4GA4EK=#)YEK*<=% M$C2|2?XI$'>@#]/] _/4OVWOVKK74;]&'|E]_EACE9$<07;!E'(!R%P>,XKZ M1_8Y :N\/ M4?"22]9MKVSB|6VUND>NZ/+'(!+:W `V 5G"$Y\IR-R-R,'& ;Z\2>--&\UPC?^&I]
@@F5K.XD_?M M,?%Z'X# _&\;>.I603:1ITCVBR='NGQ';H?8RO&/H37YV |$; _^2T?&S_KC M! Z4S5UW_!9;XIW=]I_P\^#.A;KG5M>O%U2ZM83\[J&,%K'CN'E:4_6): .M M_P"",/PEF\/_5\2?
$K5$:35O&FIL(KB7)=[6W9EW9/=IFGSZ[%->*?M@]_M['?_4H]\%?%NU1K;PYXE>&]OC&,(5(^RWZ =V\LK+_O2@UV7AO_(}H_M)^
M$M\M{T7]IG4M#TNTCV0:=IN]:E#;P#.2](D@51DGH!UKR3]KS_@G_\'#PE M\'!3\=>-OC%>?$^S\,)}UT^_N[RZDACDD1)9(O.=@N!M9L8R]>U '[*Q2I-& MDD;K)&X#*ZG(8'H0?
2GU\Q _$X_C1_PNS]DWPA>7, GZQH2'0-0).6\RW"B- MB>Y;$PL2>[&OH&?QXQDR7D:W;K@G2%E0[Q]WDCYNW7M M0!^>'B=V_P""E/[=<.@0.UW\%/ABQ>
[ECR8+^4/AQGH?/D3RUY_U43L.378? M\%L(TA_9_P# 4<;]B+XE5551@ "TGP *\H^"?[)/[<7[.OA^]T7X>;QX;\.Z M=>W/VNY13I]P\LFT*'9)K=WP HPN<#)P.3GRC]O70?VK=)^'/AZ3X^>(],UG
MPVVK;;"&QCLE9:KR9/F/D0QMC9O')YZ4 ?KA^R=_P# FL_!O_L3-&_\ 2&&O MF+OU^Q7\8OA1}^%7Q1_9R\7^'](3Q66EU?PIXAC81&5GWL8|1N&!^?L&:?X\ ,:3^-WBRP\?_ !GU^(Z9I-
I8]4M3,R]%CC)1#@+$NY@BA(HV M !+8YB:X:|EW?+TY,%N M#Z@ 4 >N?#'_(*??#[OI\1M,\& ^)O"WBKX;7VL,JZ7=>)[-8;>YWD'',P;* M%R0 <%/5A7V17Y\?\%I]
(T]OV=?!^M/&B:S9>*88+2Z'$]QR6MPTB*>N"8HV M/NBU]T> +V]U+P'X;N]1R-0N--MI;G<&2S4CAF'=\'(7\3Q@-{)7B?QY^ T7CB"77-#B6' MQ!&N9(AA5O% Z'T?T/?H>Q'IX"5&>
(@L6[Q6W;ROY?UL>9CE7C0D|*O>_'Y> M?]:GR)>7MQ[5W-=74\ESI)/4U!4EQ;RVL\D$T;0S1L>.12K M*P."'#T-1U^]UM#\P=[ZA1113$%%% !1110 4444 %%%% !1110 4444 % M;?
@OPO<>-/%6F:)Y$MY.(RP&=B=?7Z*H) "L2OIG]D7P+M74?%ES'R?C\4L)AY5>O3U_ X9XK$1I=.OH>Y:]J5C\/ \T\,2QVFF MVRQ6V8D +&GXG S^-?&]W=37UU-
9VDD=NK,3DG\S7M7[2GBX7%Y8^ M'8'RD'^E7."/OD$(]"%)\ P,5XA7Y*VV[L_4TDE9!1112&%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !7M?P3^#YU^2'Q! MKD&+-G6/X-?!HZTT.NZ[#E?&+7+]S-'QR46!,'^^P)(YL; 4.B@#
MY=_8G_81T3]CBUURZA|27GBGQ@#K<<45W>2P"V@1(RS*L<09B.6.69CG P%YS MQ>M_L(^*/'7[>EK]?L>WWC6SU_P 4:-KWAW6Q!+;P:>)A)%/&7&\AU &Y'P<$|]OI7RJX*\-R M_M/
/!7;Q'XR|*2/<>%/">HP75]J>,QCI:QVH53T/F3Q-MP>4W,.AK]4OA& MFBW_(D\(:UI.E;L^@:E?6H%>7_LG_ +*_MAK]DOX:'PMH,\FJ7EU<-=ZEK%Q$$FO)3PI(!.U54!57) Y/5B2 >U4444 %?
M+G_!0+]DWO!^U__ #WASPYK.FZ->;9]XU!Y-4|SRW3R9(H8**QSEP>F.M?4 M=% '& !CP1< _#/X>!?!][<17=YX?T&PTF:X@!$%? MMY?!_P"+G[0GA/0?
AW\/[G3M'*:M=!0$ ^K75T4F6!64K$L8&77[SD Y8H]\ M G/U/10!Q_PB^%7A_P"'/PYT+P3X7M/LFC:1;B"('&^5NKRN>[NQ9F/IQXO3 M]M+]C?| X:=M?#&N^'O$' "(?
$3PG4]O>M07O=5W_X/YGQ%16AKV@ZAX9U6XTW5+62RO8&VO%(. M1[CU![$<&L^OOXR4E=/0^%:<79[A1115$A1110 4444 %%% !1110 4444 M6])TNYUS5+33K./S;]ZE6&)/5F(
_4U]_P"CZ?I_PQ\!P6VI;823:9=|8+E1_MEFQZLV3]37SA^R;X% M;O-=^);F/-MIJ^;5;Y'!G<6WI_PYX1K^M7'B+6WK4]HYGN16D;G,,GA1[8]A5"BBODSZ@*** MB PM@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ***5$:1U1%+,OP%4 M9)/I0 E>V?"'X)-J!@UOQ#"5M.'M[%QS+Z,X_N^@[]^,NK\
(_@@+'R=:\1P! MKGA[>PD&1'Z-([WHO;OSP/;Z $50]@ 8 X %+110 4444 %%% !1110 44 M44 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !111 M0 4444 %%% !1110 4444 %%% !1110 4444 %%% M!1110 4444 %%% !1110 4444 %%% !1110 4444 %%% M% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !1110 44 M44 %%% !1110 4444 %%% !1110 4444 %%% !1110 4444 %%% !111 M0 4444 %%% !1110 4444 %%% !1110 4444 %%% M'% $SX4Z-\4-
+|B_C\B^^B4BVOXU _>1'T_P!I?53^AYKXN^(/PXUGX;;P;'5H M,(V3!=1Y,4ZCNI]?4'D5^@M9'BCPKI?C/1YM+U>T2[M)/X6ZHW9E/56'[*][M+LU|8)\DM8=NWI_D>)F&5T\8N>.D^_?
U/SHHKUCXN_L_ZK\.7EU"Q\S5- SG M[0]_O(\Z2 =O|H:1(XU9Y'(5549))Z 4RO7OV9? O_EGQ CU&>/=8:.! MC+&58TH[L^G_(9^$8/AK\K#3IF M2)X(3/>2D\>81ND)/H.F?117R]XZ\42>,?
%6H:[^X1S28A1OX8QP@_(#/N37 MT! ^T%XN_L'P>--A2;=ZHQBX)!$(P7/XY5<>C'TKYAK\AJ5)59NI/=ZGZO3A& MG!0CL@HHHK,T"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**Z7P1\/6\>;AY&GP[8$/[ZDR(XA[GN?8< _P Z,72M)O-2ZNI MCM2.,9) P'OVKZ8^%OP9L_!:1ZAJ02]UHC(;&8!?
V3U/^U^7OT7@+X;Z5\[M$QV:>=>2#$UY(/G?V'|U?8?CGK75T %%% !1110 4444 %%%% !1110 4444 M4 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%

*M[2TFZM4' +1HR8_^^Q\I_.@#%HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BM#2?#V]:[)LT[3KJ^;.#]GA9P/]0.*[K1/V M??%>]%6N8;?2XC_%(8_TRWZBO1]#\&Z'X94#3-+M;1AQYB1@R'ZN?F/YT ?,/AOX M+^* $FOUT\V%NW_+:.^/E# _OG&X_@*]4\- LV;18[9-9O9M3D[PP_N8OHQT4_9VB^`]-\,VOV23+&"OA[K"@&/W)ZD^YK1HHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@#Y\ ;H_9Y\0?M/? "^\#^&; _3=.U>6_MKN,;5I)$MRL;$L"T:.P.#Q\IZ? MC77?LL_"?5/@;^S[X)\":U=6=[JNB67V>YGL&=H&:(/9 $O%&T44AR[! <@ MIO'>I_V,?V8;+]E'X):=X166WOM=GD:^UG4K<'9[44 >5?M/? /2OVEO@KXA|\":F4@EO8O-L+UUS]CO$YAFXYP&X8#JK,.]>6 M_P#!/S]GCXI_LP_#;5 ,!Q!USP_K>D1W8NM#&BW-Q,U]'W&>-O-ACPA?:ZA< M_,\A/45]3USOQ$\/ZKXL|": HNAZX?#.KZC8S6MMK"V_GM9,ZE1,L>]-S+G(M^8<@4 ?EA\ (/#EQ^TE_P5]\4^.O"\TEUX3\)+ZF;N\U4 ^61#;BUC16Z$22(= MO/**S=]_7&0% P!D_P#9<\. LF_'V+PEHEPVI7LTS76IZS-"(I;Z<\;BH)VJ M]@*]9. ..I))/M% !7R+^W)^P'IW[5[;;XGT+65*? $32(?)M=2=6,-U&K%XX MY=IW(5&XQ]=44 ?F+J'I(O[<_C#0V\&^(/C;I'_ C$RM!:.]]HH ^>OVX/#OQ=\=?!F?P?\ !^RMFU7Q!+]A MU/4KB^2V-E9,#YA3<6%?/U' M4-FU[Z\8#S)F']!P%4? PJ]CG&:]9HH ^>?VV/\1'JKXX8VNC+]8T'Q-H]R;[M1]6,>]8Y-I5HGO\PC?Y041N=NT //B;]C/[IW]H[ST?R;\._BIX;,X>Z; M=1370\-PN;[4?+7"LQ:"-=W)&6. V6V-@0RB@"AH.AV'A?0].T;2K6.RTO M3K:.TM+:(82&&-0B(/8* /P]_110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !24M% &[JW@'PYKFXWNB64SMUD\D* P#WT,']:XO5OV<_ U]N M:T>\TUNRQ2[T'X."? UKU.B@#Y]U+]F&]CR;#*78)O1;F'!H_U!;^5IV74O/YL: MK2_L >#1,,;:2YB_W:EN?SS0!\KT>0R_LZ^$I"-OVZ/_ ';@?U4TL?[. A&- M2&6^D]VN\ * /EVBO]7 AGKPA_SQN__ (/^%68? @+X+B^]lDDWd&/GNI1^/ M#'@#Y1HKZ]A^#G@RWQMT& X&/G=W_FQK3M/A_P"&;"DZ!]JG^\;5&;\R.T M?&*]TC!5!9CP !DFM?3 _;KVJ8^R:+?W /\4=LY7\\8K[2M[.WLUVV\$<"^ MD:/1^E34 ?)>G_[QG?X/ID_9D_O7$R+.^F<_I73Z,^S+K4[W^]V5HO_ $Q# MRL/P(4?K7T;10!Y#I?[-6@6N&OK^]OF_NJ5B0_A@G];['2/A3X2T0]UMH=L[MKT>X!F.?7YR<'Z5UM% #8XTAC5(T5$48"], 4ZBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **

*!1110!^F/[.G_"1# MP=_UXK_Z$;_.#O[_,CUXC_["5S_.C6K]"_-G3_DB'@[_KQ7_T(U^<'CW_M)'KQ' V$KG_-&M7W_"?\2MZ+]3Y7,_AAZLPJ*** 1SY0**** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** |^#?Q?U?X-^+(]5TXF>TDQ'>V#-A+F//3V8! MO'&D?$7PQ9ZJHER+FQN5R,\/&P^\CCLP//!'\P0;_)NO6/\/>?CK>_!?O3NE,E MSX'!['$?*9WE"QT/;45^\7XKMZ]ON/:R['/#R]G4 M^%_@?I715/1]7LM?TNUU+3KF.\L;J,2PSQ'*NI&015RORAIIV9]IFG[@HHHI M#"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBO-? CU\8[3X.>"I;[Y)M9 MNLPZ=:L?OR8Y=A_<7()_<9H \[_&L/V@?"$$TN3PGH%SCQ#>Q_Z3/&>;.% MAV/9V'3N!SQE:^%>M6]7U>\U_5+K4=1N9+N^NI&EFGE.6=B*_P#H1K\X/'O_M "/7B\ ["5S_P"C6K]' P!G3_DB'@[_*\5_P#0C7YP>/?^1Z\1_P#82N?_M $:U??\ "?\ $K>B_4 ^5SOX8>K,*BBBOT<^4"BBB@ HHHH **** "BBB@ HH MH **** "BBB@ HHHH ^F/@S^RYX8\: JA\9^)_$UOHUO,\N61XHH8420QY=Y 1DE3Z#D5N_\ M#-GP0_Z*U;?^#BQK8\,?\F#WO_7"Y_\ 2UJ^,]^1PT,5C]M=_6'%1FX])+9' MN5\4<-"FO9)MQ3ZG=_&?P=X;\#>-&TWPKX@C\2:5]GCE%Y'-'* YSN3?"\IO M@'CUQ7>>/_V>M*'\ _/P]X\@U2\GU'44M7EMI%00KYR%L+@9XX').:\(K]-^ M-W_)EW@G_KAIG_HDUVXRK6PTL+24V[R2;TU.>A"G65:;CLKKR/C*BBBOH3RP MHHHH ZWX7? #35/BSXOM_#^DO!#<2(3*5]B[XOM$3M"B'Y[I)9P&1)20!R17U9X_U>/[FGP\@<;X>: M9>7_(FNXP]_K^+]S&.D??) (WX/RKG"#D\GGR_V,^T^WGPY_I7@4WA+O'<2O++HNJ22.O9G>UD)8GJ M2<)([21]"UAEG2Y1H; MC.#70_L6?"K5&\;VXU.SEL-(TRWE6WGN5,8EE=2A*YZJ]%\GIDCWPZN+I/* M'4YM'"WSM:WWBA0G]>Y+;2O\KWN8'I86M3Z9^T*U[I\S6M]86UH\<\9PR2*- MZL/<97\JEC ;1\0NEO=W?A7PW?>(+>,1QZQ-:MYH SSPV0>2?E()X%>;_';_MQM#\0_BSXCURU;?9S7'E6[CHT4;B-&_$(#^-=5^S5\'H/B%XCGUS7MEOX.T$ M?:;_^:<[8Y2HW"+/I@;F]%&.-PIO#8:C@*NVWS>E@K6GBIQH2^)O M_ASU7P1>S?"[P?]OQN\>M :7C/75\K16X #$,%;,;05 Z?=C7 ^]BN1M? MA#X?D|*¥V_P 1_C¥XIU"SE\1S&XM[33C%XP;B4-E@S$]W!&* %*\|@#S _/_M ,89_C#XWDNXMT.A6(-OIEJ1@)%GER.S/@$^@"C^&O6OVP(#]'PW^$VJV*E] M)%@\8=.40O% 4&?4A&_[Y-<4;5:G4I*;Y)56(VM[L8JZ@NWGYG0YPG&;BN90 MVOU;>LF<%\9O@-IG@_P=I/C? P=K4OB#PAJ+",23]!-"QW8W$ #&5*G(4AA@C MFO%:^I6+:1 ^P>T=^IB?4-1'V)9#@L/M(;*CW$UEM6I4A4C4ESIVNHV%P]I>VLJS M0SQG#(ZG((_$55HI-)]S&G;5'Z=?*

3XQ6GQOE\#PZDNR'5[;&$HVIG_5RX^!\ M_<;]Q'4&O2;_+KX)?%B^^#WC]TUFW+RV#XAO[13Q/"3S_P(?>4_?"HJ"*:_3C1 M=9L_$.DV>IZ=<)=6-W$LT,R'AT89!K@\SO+/[/K\T%[DMO+R_P O(^ZR_&?6 M]=I?$M_\R[1117SAZH4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110

*M4KZ%|" L2>!O#0BFUN2|\47BX)%PWD6^X',1&AS]0S,#Z5U7B/\ :/T+3=T> ME6T^K2C@2'lS%^9&X_\ ?/XUY9XD^.GBOO!O2.[72K=N/+L5V-C_ 'SEOR(K MY+%9]CL3HIGV2U>7/_ 'R#0!ET5Z+I7[.O MQ*UG;]G\';E'NZ?:T%O_.C"N.M=CI7[%WQ*U';]HMM-TO,._;[T-CIU\L/Z M_I3"YX317U-I7[!&N3;?[2\5Z?:>OV6VDGQ_WT4KL=* 8+\,0X_M+Q/[EWZ_ M98HX/_0@]%A71\445^@^E_L;_#+3\>?IU]]>/^?]^D7/_?LI_D5V.E_#XNE?[.\,ZO?! MNC6]C*X_,+C%?]/IGA[2M%&-/TVSL!TQ;0)' P"@@5H4[!S'"? O2+W0?A%X M6T_4;66ROK>S5);>9=KHV3P1V->5;3^Q'X9F\17^L>)=5O-8:ZNY;D65N/LT M(#L3L8@EVQG[&7Z5] >(-;M_#FBWNIW9Q;VL32, 0"V.BC/(_P!HCPWI&Z/3TGUB8<9B M'EO?]],_D#7S9[6]WNL7)N+^[GO)SUDGD+M^9[K7:,ZN);F=OO2S.78_4 MGFH:*@H**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M][_9=_U'B/\ WK?^4E>"5[W^R[_J/$?^];_RDH]UHHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ KRG]J6)IO@)XM5>HBA;\!/&3_*O5[\[M_:&MOM7P2\9)C.-/=_\ OG#?TH&C\RZ***@T"BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHI\%O+=2B,&-Y9#T2-2Q/X"@!E%=7 MI7PE\,:WC[#X2UJX4_QK82[/^^BN/UKL=* 90^^&J[2/#1M(S_'=74,>/^ [M]WZ4PN>1T5]&Z3^PQXYO-K7NIZ+IZ'JOG22N.G8)CU_B[5V&E?L'*-K:GXR) M]8[2PQ_X\TGU_AHL*Z/D*BON[2OV&O =GM:\U#6M0?N&GCC0_@J9_6NPTK]E M7X7Z5@KX82Y<=7NKF:7/X%]OZ46#F1^<-6M/TF^U:3R[&RN+Q^FVWB:0_D!7 MZAZ;\+_!7A\!K/PMHED1_P M$L8E;OU;;D]3WK8.MZ18Q^6+VTB5./+21>/P M%4H-[(AS2W/S2TKX& $'6MOV7P=K.UNCS6CP]?Q< 5V.D_L??$_4MIET;WTY M6_BN[V+IQR0C.?T[5]WS>_]%BSB[,A'9(V_GC%4)?B9IRY\NVN7(]0H!_6ME MAZC^RS)XBFOM(^3]*_8/\63[3]/B#1[,'DBW$LS#IZ]HSU[UV.E?L#;9%@ZE MXON[GU%K9+#^K,]>WR_%!R#Y6GJOH7ES_05GR_$C59!A4MHO=4/]2:V6#JOH M8O&4UU.1TO\ 8F^'-AC[0=7U(]_M-X%!_P" ;K78:7^S3\,M'QY'A"RDQ_S] M-)<>O_/1F]?\XK.E\9ZU,N&OW_V%5?Y"]$VKWUPI66]N)5/9Y6(_G6RP,NK M1B\='HF>F6/@_P *>&E#6>B:/]2KR#!:10@?D![U*]?\+%AN&V66G75S*>B< G\LU/I_P]TNTPTP MDNW_.FAPOY#^N:A\7_$?P3*+ 2^(M>TGPW"5+I';2-"VO]>OP"NGV]@I[W,A<_]\KC]<5K6\5PH!GN.[]Q''M7 M\B2?UKY$^(O_4R\ >'1+!X3TG4O%UTN-D[C[#:MGK\S@R9'H8QGU[U\O?$ M7_@H-\6O'7FV^G;A:^$;!]R^5HT&)BIZ9F??]-F M4L52I_:+OC9J,'C/XL:AJEII,V)%@OIG?4K]>HW,Y+1(?4_,1T R&K[RGN_!?P%\$V MU1##:^'!%M5V6UC:I\TA[A5ZNQ)R6/KECU-95,/1I2]E3;J3\MO\V7&M.4?:_M3]V*[_UH=F9!%"7F94"KN=LX4<%?'&G>-9M1.CN;NQLI?L]7R_P"] MEEQEEC/A04$9;H=PQFODCXG?'+7_(K7HTJO1/T>601O6$+?/<$G"^8W\1) M_AZ#C]1FO]WP)X:M/AGX LM/D=(X[&W.MU.>A?!:1R?3.?P K7%9?]2H*59^ M_+9=EUN;%S*>N%%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 5[]^R_&19^ M(7[-) OY! _| &O :^B/V8X\:!K4G]ZZ1?R3_.O0![11110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !7' &*W^U_ "7QI%W;1KS'U$+D?K785 MG>(]/_M;P]]ECC=]IM98<>NY"/ZT ?DQ1114&H4444 %%%% !1110 45I:7X M9UC7.?V=I5]J&>GV6V>3U_N@^A_*NPTO]GOXD:QCR/!NIQY_Y^H?L_\ Z,*T_M >>T5[GI7[&/Q+U#;]HLM/TS/7[5>]V/^_>^NQTK]@GQ!-M_M/Q3IMI_>^R0 M23XZ=-VS/>G85T?+=%?:FE?L$^'X=O\ :?BG4KO^]]D@C@STZ;M^.]=AI7[& M/PTT',]HLM0U/"7[5>LN?^_>RBP71^?=`6OTUTK]GOX;Z.!Y'@W2I,?_4/V MC_T86KJ;/2O#OAD#[+9Z9I('3R8HX?7T]3^=-1;V)&]6O\]#;6,L@_1?8UV&E?LR_$[6-OD^$KN('O=21P8_[[8&OT1N/%VCVWW[M^)O^N>7_ /0G +,OOSBOI&X M^)\" P"HL9)/^ND@7^0-4+CXFWK']O:01C_IH6?^1%;+"57T,7BZ;ZGEVE?L M(>$+?:=0UW6;UAVA,4*G\"C']:[#2OV0OA?IN#)H-AT3.OTOX)^ -% M -KX.T56'1Y;))&'_ G!/>NAAGT70T,4+V-@Q /,,I'^@_&O()KB6Y;=+*\K M>KL2?UJ.ME@5UD9/'I$]Q>7!_(#^M4)OB7]+L?+@MHU[95 MB?SS_2N1HK58:DOLF3Q-5_:-Z7QUK4I/^E[?X4C48_3-4)=? U*!)R32445H9A16AI^@:C]F#;6DDBG^ M,C:OYGBNFT_X9SR8:]NDB']R(;C^9X'ZUC.M3I_$S:%&I?X4<35NQTF]U-L6 MMM)-VR]\#ZGH*]1T_P %Z3IV"+83N/XYSO/Y=/TKB/B'^TY\+OA09(->\7Z= M#>1'8VGV3&ZN4;&0K11!BGU8 <]:Y/K3F^6C!MG4L(HI]25BWI_PUO9\-=SQ MVRJU7YV_P_6NFT_P'I-C@O$UTX_BG.1^0XKXN^(W_!4:SA66W\"^$);E]N$O M]?E$:*V? ^>$1)8?]M%/M7R_\1?VQ/BU\3&E2_P#%UWIEB[%A8Z*?L42@C&TE M,.Z^SLU=4,#C:_QOE7]=OU$ZV&I?"N9GZJ^/?CA\,A' Z>)?%.E:+)&N[[% MY@>XQZK F7(^BU\Q_$3_(*? ^%]*:2W\&>&+[7Y5++]LU*06D'LR[[N/9@A MK\WV8NQ9B68G))ZFDKT:63T(:U&Y/[OZ^\PGCZDM(*Q[]\1/VZ/C!\0Q)"?$ M8\-V4@ -KX>C^RXQW$N6E&?3? CVKPB]OKG4KN:ZN[B6ZNIF+R3SN7=V/4LQY M)]S4%?0'[-W['/BWX_7,.HR]_A_P>K_O=7N(^9P#RMNA^^>HW?=&#R2-I}-] MA@X1> /AWXB^*/B6WT'POI4^K:G/R(H1PB]W=CPBCNS$"O MTP_9E_83\._![[+K_BK[/XF\8)B1"5W6EBW4>4K#YW!_Y:,..-H7[?8_AW\+ M_G[./@F6UT:VM]&TZ)0]YJ-RP,URPX#2R=6.2<*.!G"@9Q7A_Q<_:^^[<3C_9_P">:G_OH|=.17B>UQ.:R=+#+EAU?]?DCK]2P^71 MYZ[O+HOZ_)6^+G[1&E?#\3:;I8CU?7P"IC#9AMC_P!-".IS_>.2O&?D?O M3XLU:O[]\FI:S>R7MV_9S\]V+V55Z*/85D4O6O]<#EU' Q]O7EU?7_@'R&-S M"MC9>^[1Z+^MSVC]EKP+_P))XY;6;B/=9:,HE&>C3MD1C\,.WL57UKVO]HC MQ?\ V/X8BT:"3;=:DW[S:>5A4@G_+Z.![C=6Y\$O P^'_P\T^SF01WUP/M=_MYGJ)&_^4_P"ZH5?P-?_Q.\6GQIXSO[']+6]MY%L.PB7@$?4Y;'^T:^_S3%? M6\5*?%:+Y?YGW>687ZKAHQ>[U9RM%%%>0>]%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 5]*?LT0%/!5_*1CS+](@/H M(T_Q-?-=?5'[/UK]G^&MH^,>?/-)]?FV_P#LM 'I%%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%