

PFRDTM Form PF XML Filing Guide

Release 2023.01

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Federal Information Law and Requirements for a Collection of Information

Section 204(b) of the *Advisers Act* [15 U.S.C. §§ 80b-4(b)] authorizes the *SEC* to collect the information that Form PF requires. The information collected on Form PF is designed to facilitate the Financial Stability Oversight Council's ("FSOC") monitoring of systemic risk in the private fund industry and to assist FSOC in determining whether and how to deploy its regulatory tools with respect to nonbank financial companies. The *SEC* and *CFTC* may also use information collected on Form PF in their regulatory programs, including examinations, investigations and investor protection efforts relating to private fund advisers.

Filing Form PF is mandatory for advisers that satisfy the criteria described in Instruction 1 to the Form. *See also* 17 C.F.R. § 275.204(b)-1. The SEC does not intend to make public information reported on Form PF that is identifiable to any particular adviser or *private fund*, although the SEC may use Form PF information in an enforcement action. *See* Section 204(b) of the *Advisers Act*.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid control number. The Office of Management and Budget has reviewed this collection of information under 44 U.S.C. § 3507. Any member of the public may direct any comments concerning the accuracy of the burden estimate and any suggestion for reducing this burden to: Secretary, U.S. Securities and Exchange Commission, 100 F Street NE, Washington, DC 20549.

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Change History

Release 2023.01

Simple type NAICSCodeType allows updated NAICS codes for Release 2023.01

Release 2022.06

PFRD web service will no longer support Basic auth and will instead support OAuth 2.0. The transition from Basic Auth to OAuth 2.0 method for authentication is necessary because Basic Auth supports a less secure authentication mechanism, which could potentially expose long-lasting credentials. OAuth 2.0 replaces these long-lasting credentials with limited life span tokens, resulting in improved security.

As a result of this change all consumers of this service will need to send an API request to FINRA Identity Platform(FIP) service to obtain OAUTH token and use the token received to make further API calls to PFRD web service.

Updated Test environment links for Release 2022.06 -

<https://webcrdtesting.crd.finra.org/v2/PFRD/WebServices/PFFormSubmissionService.svc>

Release 2019.04

In the C# sample code for uploading a filing, `binding.Security.Message.EstablishSecurityContext` is changed from "true" to "false". This changes the key exchange and validation protocol to a per call action, rather than doing this once on the first call and the result cached for the duration of a session. Since the code is making a single call to upload a filing, this caching is overhead and unnecessary. Also, the per-session protocol has been found to cause intermittent service failures in load balanced environments.

Release 2017.12

In addition to the schema changes listed below, please refer to the release notes for revised validations and other updates:

http://www.iard.com/release_notes.asp

10/18/2017

Section 2b - Item C - Q40(b).(vii), Q40(b).(viii), Q40(b).(ix): Datatype updated to allow upto 4 decimal places (optional).

09/27/2017

Section 3 - Item E - Q63(o): Datatype updated to accept 0 and negative numbers.

Release 2017.09

Effective September 30, 2017, all web service connections to programmatically upload filings must use HTTPS (HTTP Strict Transport Security) and TLS 1.2 (Transport Layer Security).

Release 2016.04

In addition to the schema changes listed below, please refer to the release notes for revised validations and other updates:

http://www.iard.com/release_notes.asp

03/10/2016

1. Section 2b - Item E - Q50 - % of NAV - 1 day or less to not allow decimals.
2. Section 4 - Item B - Q71 and Q72 to not allow negative numbers.

03/09/2016

1. Section 1a - Item A - Q1a LargeTraderID and LargeTraderIDSuffix changed to accept NA, number, or numbers with hyphen.
2. Section 1a - Item A - Q1b - Related Persons LargeTraderID and LargeTraderIDSuffix changed to accept NA, number, or numbers with hyphen.
3. Retired unused type StringRestricted5Type.
4. Data type updated for Q63(d) to standard "LEIType".

03/08/2016

1. Updated Section 3 - Item E - Q63(h) to be required.
2. Updated Section 3 - Item E - Q63(h) to be required.
3. Updated Section 3 - Item E - Q63(l)(ii) to be required.
4. Updated Q64 to be required.
5. Retired the following unused redundant data types:

DecimalRestricted15p0Type

UnsignedDecimalRestricted15p0Type

PositiveDecimalRestricted15p0Type

PositiveDecimalNAExRestricted4p0Type

02/23/2016

1. Datatype updated for Q63(n)(iv) to allow zero.
2. Datatype updated for Q63(q) to allow 7 digits before decimals.

02/12/2016

1. Datatype updated for Q63(o), Q63(p)(i), Q63(p)(ii), Q63(q), Q63(g)(vii), Q63(g)(viii) to require decimal places.
2. Datatype updated for Q63(q), Q63(m)(iii) to allow 0.

02/09/2016

1. Data type updated for Q63(r), Q63(s), Q63(t), Q63(u), Q63(l) (v) to not allow NA.
2. Data type updated for Q63(g)(ix) to allow NA.

12/21/2015

1. Removed Question 56 and PFSection3ItemBQ56LiquidityExposures, PFSection3ItemBQ56LiquidityExposureType,

PFSection3ItemBQ56LiquidityExposureItemType, LiquidityExposureProductCodeType.

2. Removed Question 57 and PFSection3ItemBLiquidityFundsPositions, PFSection3ItemBQ57LqdyFundPositionItemType, LiquidityFundPositionsMonthType, PFSection3ItemBLqdyFundPositionsType.

3. Updated PFSection3ItemC to update the Question numbers for Q58 and Q59 to Q56 and Q57 respectively.

4. Updated PFSection3ItemD to update the Question numbers for Questions 60 thru 64 to Questions 58 thru 62.

5. Added PFSection3ItemELiquiditySecurityInfoList for Section 3 - Item E- Q63.

6. Added PFSection3ItemFLiquidityParallelMoneyMarketInfoList for Section 3 - Item F - Q64.

7. Added NFAFundCFTCComplianceFlag to update Section 1- Question 5(c).

8. HedgeAssetClassCDType updated to remove allowed value INV_OTH_SUB_ASST_CLS (Investments in other sub-asset classes) for Section 2b - Item B - Q35 - Sub-asset class.

9. Data type updated for Q20, Q25, Q28, Q32, Q40, Q46, Q50, Q62 to not allow decimal places.

10. Corrected Capitalization for a few country names in Country list Table.

Release 2015.3

09/12/2015

1. Updated country code list to only include valid countries, per the ISO standards. This change was consistently made across IARD and PFRD systems in September 2015.

Release 2015.1

02/03/2015

1. Updated type "PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType" for question Q46(a) to not to allow decimals in the below elements

TotalFinancingAmount

Release 2014.4

11/10/2014

There are no schema changes for this release. Please see the release notes for a list of updated validations:

http://www.iard.com/release_notes.asp

Release 2014.3

07/10/2014

1. Updated type "PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType" for question 44 to make the below elements optional

DerivativesPositionsMonth1Value

DerivativesPositionsMonth2Value

DerivativesPositionsMonth3Value

06/03/2014

1. Removed the 4 "cash and cash equivalent" options from the sub-asset class drop down menu for Form PF, questions 35 and 57

2. Allow blank values for Form PF question 46(b) when 46(a) equals \$0

Release 2014.1

03/28/2014

1. Generated version for Production deployment of Release 2014.1 scheduled for April 5, 2014.

02/27/2014

1. In complex type PFFundType, a new optional boolean element PriorADVFund has been added to report funds from prior ADV.
2. Email validation regex updated to keep it in sync with UI.
3. Simple type NAICSCCodeType allows addition of "NA" value.
3. Updated examples and test environment link for Release 2014.1 testing.

Release 2013.4

10/26/2013

1. Updated Test & Prod environment link for Release 2013.4.

09/05/2013

1. Updated xs:NMTOKEN to new simple type stringPreserveWhiteSpaces for all allowed values to preserve whitespaces (to provide schema validation errors when whitespaces are included for allowed values in xml).
2. Simple type SECNumberType includes allowed values of 8 and 866.
3. Updated Test environment link for Release 2013.4.

Release 2013.2

07/23/2013

Updated Test environment link to Post-Production Test environment for Release 2013.2

06/06/2013

Fixed typo for PF-INIT in instructions within Filing Examples page.

05/08/2013

1. Added new data types UnsignedDecimalRestricted3p4Type, DecimalRestricted15p1Type and UnsignedDecimalNAExRestricted15p2Type.
2. In the complex type PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType, the data type for the elements (Q26/30 non-measure) has been changed to UnsignedDecimalNAExRestricted15p2Type (not allow negative values) from DecimalNAExRestricted15p2Type.
3. In the complex type PFSection2bItemCHedgeFundRiskVarCalculatedType, the data type for the elements VaRMonth1Percent (Q40(b)(vii)), VaRMonth2Percent (Q40(b)(viii)) and VaRMonth3Percent (Q40(b)(ix)) has been changed to UnsignedDecimalRestricted3p4Type (to allow up to 4 decimals) from PercentType.
4. In the complex type PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType (Q 44), the data type of the elements DerivativesPositionsMonth1Value, DerivativesPositionsMonth2Value and DerivativesPositionsMonth3Value has been changed to UnsignedDecimalNAExRestricted15p0Type (not allow negative values) from DecimalNAExRestricted15p0Type.
5. In the complex type PFSection4ItemBPrivateEquityFinancingType, the data type of the elements

PortfolioCompanyDebtEquityRatioAverage (Q67) and PortfolioCompanyDebtEquityRatioLowest (Q69) has been changed to DecimalRestricted15p1Type (allow negative values) from PositiveDecimalRestricted15p1Type.

6. In the complex type PFSection4ItemBPrivateEquityFinancingFinancialCompanyType, the data type of the element PortfolioCompanyDebtEquityRatio (Q76(b)) has been changed to DecimalRestricted15p1Type (allow negative values) from PositiveDecimalRestricted15p1Type.

7. Corrected `<xsd:totalDigits/>` in the following type definitions (this is not a functional change, but just a documentation change as per XSD specs. Other range restrictions were already enforcing the correct range):

Type Name	Old Value	New Value
DecimalRestricted3p2Type	7	5
DecimalRestricted10p2Type	13	12
DecimalRestricted15p2Type	19	17
UnsignedDecimalRestricted15p2Type	18	17
UnsignedDecimalRestricted15p4Type	20	19
DecimalRestricted15p4Type	21	19
PositiveDecimalRestricted15p1Type	17	16
PositiveDecimalRestricted15p2Type	18	17
DecimalRestricted15p2RequiredDecimalType	19	17

8. Updated Test environment links for Release 2013.2 -

<https://webcrdtesting.crd.finra.org/PFRD/WebServices/PFFormSubmissionService.svc>

Release 2012.4

10/23/2012

1. Updated production and post-production environment links.

9/14/2012

1. In complexType PFSection1aItemAIdentInfo, the element name NFANumber was renamed to NFAFirmID and type was changed to NFAFirmIDType.
2. In complexType PFSection1aItemARelatedPersonType, the element name CFTCOnlyFirm was changed to RelatedPersonType and type was changed to RelatedPersonTypeType.
3. In complexType PFSection1aItemARelatedPersonType, the element name NFANumber was renamed to NFAFirmID and type was changed to NFAFirmIDType.
4. New simpleType RelatedPersonTypeType includes new related person firm type RELY_SPV.
5. In complexType PFSection1aItemASignatureRltdPrsnType, the element name NFANumber was renamed to NFAFirmID and type was changed to NFAFirmIDType.
6. In complexType PFSection1aItemASignatureRltdPrsnType, the element name LegalName was added to link signature for the

new related person firm type RELY_SPV.

7. In complexType PFSection1aItemASignatureRltdPrsnType, the element name NFAID was renamed to NFAFirmID and type was changed to NFAFirmIDType.

8. In complexType PFSection1bItemAFundIdentInfoType, the element name NFANumber was renamed to NFAFundID and type was changed to NFAFundIDType.

9. In complexType PFSection1bItemAParallelFundType, the element name NFANumber was renamed to NFAFundID and type was changed to NFAFundIDType.

10. In complexType PFSection1cItemBHedgeFundInfoCounterPartyPercentType (Q22), the type for element CounterpartyExposure was changed from PercentNAType to UnsignedDecimalNAExRestricted15p0Type.

11. In complexType PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType (Q26/30), the type for all Month* element(s) was changed from DecimalNAExRestricted3p2Type to DecimalNAExRestricted15p2RequiredDecimalType.

12. PFFormFilingResult.xsd - updated description and made elements optional to reflect the results xml during the various lifecycle of an upload.

13. Updated XML example files to reflect these changes.

14. Updated Test environment links:

Release 2012.4 - <https://webcrdtesting.crd.finra.org/PFRD/WebServices/PFFormSubmissionService.svc>

Release 2012.2

8/25/2012

1. In complexType PFFundType, the type for element FundType was changed from AssetFundsFundTypeType to FundTypeType (NONPRIVATE fund type allowed value is only applicable to Question 3(h)).

8/03/2012

1. Updated PDF documentation for post-production test environment URL.

2. Updated XSD annotations for many questions and types.

3. Updated web service information for using Java clients.

4. Updated typo in example files EXAMPLE_PF_UPDATING.xml, EXAMPLE_PF_AMEND.xml for MarketFactorLongEffectPct value.

5. Updated type for Questions 14 (FairValueLevel*AssetsAmount, CostBasedAssetsAmount, FairValueLevel*LiabilitiesAmount, CostBasedLiabilitiesAmount) to LongRestricted15Type to accept upto 15 digits including negative values.

6. Updated type for Question 20 (StrategyNAVPercent, StrategyCapitalPercent) to PositiveDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals > 0.

7. Updated type for Question 25 (OtherTransactionPercent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals >= 0.

8. Updated type for Question 28(a), (b) (PercentNAVIn*) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals >= 0.

9. Updated type for Question 32 (PortfolioLiquidatableInDays*Percent) to UnsignedDecimalRestricted15p4Type to accept upto 15

digits and 4 decimals ≥ 0 .

10. Updated type for Question 35 (NAVPercent) to DecimalRestricted15p4Type to accept upto 15 digits and 4 decimals including negative values.

11. Updated type for Question 46(a), (b) (TotalFinancingAmount, TotalFinancingInDays*Percent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals ≥ 0 .

12. Updated type for Question 50 (InvestorLiquidityInDays*Percent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals ≥ 0 .

13. Updated type for Question 57 (NAVPercent) to DecimalRestricted15p4Type to accept upto 15 digits and 4 decimals including negative values.

14. Updated type for Questions 55(a) (NAVMonth*Amount) to LongRestricted15Type to accept upto 15 digits including negative values.

15. Updated type for Questions 55(b), (c), (f) (NAVPerShareMonth*Amount, NAVPerShareMarketBasedMonth*Amount, SevenDayGrossYieldMonth*Amount) to DecimalRestricted15p4Type to accept upto 15 digits and 4 decimals including negative values.

16. Updated type for Questions 55(d), (e) (WAMMonth*Amount, WALMonth1Amount) to UnsignedDecimalRestricted15p2Type to accept upto 15 digits and 2 decimals ≥ 0 .

17. Updated type for Question 64 (InvestorLiquidityInDays*Percent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals ≥ 0 .

5/21/2012

1. In complexType PFFundType, updated annotations for elements.

2. In complexType PFSection3ItemBLiquidityAssetsType for Q55, type for Questions 55(g), 55(h), and 55(i) changed to LongRestricted5Type to accept positive, negative or zeros.

3. Updated PDF documentation to specify maximum XML message size of 20MB.

4. Updated PDF documentation to include the web service URL for Production environment (live on June 4, 2012 with entitlement).

5. Updated example files.

5/15/2012

1. In complexType PFSection2bItemCHedgeFundEquityMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.

2. In complexType PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.

3. In complexType PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType, type for elements

MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.

4. In complexType PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.

5. In complexType PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.

6. In complexType PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.

7. In complexType PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.

8. In complexType PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.

9. In complexType PFSection4ItemBPrivateEquityFinancingType, type for element ObligatedTotalValue is changed to PositiveLongRestricted15Type. It accepts only positive values now.

10. In complexType PFSection4ItemBPrivateEquityFinancingType, type for elements PortfolioCompanyDebtEquityRatioAverage, PortfolioCompanyDebtEquityRatioHighest, PortfolioCompanyDebtEquityRatioLowest and PortfolioCompanyDebtEquityRatio are changed to PositiveDecimalRestricted15p1Type. It accepts only positive values now.

5/4/2012

1. In complexType PFSection1bItemBFundAssetType, type for elements GrossAssetValue, NetAssetValue, EquityValueInOtherFunds and ParallelManagedAccountValue are changed to LongRestricted15Type.

2. In complexType FinanceBorrowingItem16pType, type for elements Month1, Month2 and Month3 are changed to LongRestricted15Type.

3. In complexType PFSection4ItemBPrivateEquityFinancingType, type for elements ObligatedTotalValue and PortfolioCompanyInvestedAmount are changed to LongRestricted15Type.

4. In complexType PFSection4ItemBPrivateEquityFinancingLoanType, type for elements DrawnAmount and UndrawnAmount are changed to LongRestricted15Type.

5. In complexType PFSection4ItemBPrivateEquityFinancingFinancialCompanyType, type for element PortfolioCompanyGrossAssetValue is changed to LongRestricted15Type.

6. In all the above types, the name of the date type is only changed to LongRestricted15Type to make it more clear with respect to the data definition.

7. The regular expression used in the pattern of simple types NFANumberFundType, NFANumberFirmType, FundIDType, DecimalRestricted3p2Type and LEIType are standardized.

4/20/2012

1. In complexType FilingType, extra trailing space removed from enumeration values for PF-FINAL, PF-INIT.

2. In simpleType HedgeAssetClassCDType, enumeration values were updated (COMM_DER_CNG to COMM_DER_GOLD, COMM_DER_CRUD to COMM_DER_CRUD_OIL, COMM_DER_OTH_COMM to COMM_DER_NG, COMM_DER_POW_OTH_COM to COMM_DER_OTH_COMM).

3. In simpleType LiquidityAssetClassCDType, enumeration values were updated (COMM_DER_CNG to COMM_DER_GOLD,

COMM_DER_CRUD to COMM_DER_CRUD_OIL, COMM_DER_OTH_COMM to COMM_DER_NG,

COMM_DER_POW_OTH_COM to COMM_DER_OTH_COMM).

4. ReportingPeriodType changed to Q (Quarterly) in examples EXAMPLE_PF_UPDATING.xml, EXAMPLE_PF_AMEND.xml to match the ReportingPeriodQuarter element provided. Annual filing example is in EXAMPLE_PF_INIT.xml

4/13/2012

1. In complexType PFSection4ItemBPrivateEquityFinancingFinancialCompanyType, type for elements StateCode and CountryCode are changed to StateCodeType and CountryCodeType respectively with a list of possible values.

2. In complexType PFSection3ItemBLiquidityAssetsType, type for elements AssetsDailyLiquidMonth1Amount, AssetsDailyLiquidMonth2Amount, AssetsDailyLiquidMonth3Amount, AssetsWeeklyLiquidMonth1Amount, AssetsWeeklyLiquidMonth2Amount, AssetsWeeklyLiquidMonth3Amount, AssetsMaturityGreater397DaysMonth1Amount, AssetsMaturityGreater397DaysMonth2Amount and AssetsMaturityGreater397DaysMonth3Amount are changed to PositiveLongRestricted15Type. It accepts only positive values now.

3. In complexType PFSection3ItemCLiquidityFinancingInfoType, type for element CommittedLiquidityFacilitiesAmount is changed to PositiveLongRestricted15Type. It accepts only positive values now.

4/4/2012

1. In complexType PFSection3ItemCLiquidityFinancingInfoType, type for element CommittedLiquidityFacilitiesAmount was changed to UnsignedLongRestricted15Type. It accepts 0 now and it does not take any negative values.

2. In complexType PFSection3FinancingInfoMeasureType, type for elements BorrowedAmountMaturityInDays0To1Amount, BorrowedAmountMaturityInDays2To7Amount, BorrowedAmountMaturityInDays8To30Amount, BorrowedAmountMaturityInDays31To397Amount and BorrowedAmountMaturityInDays397MoreAmount were changed to UnsignedLongRestricted15Type. It accepts 0 now and it does not take any negative values.

3. In complexType PFSection3ItemDLiquidityInvestorInfoType, type for elements NumberOfOutstandingShares and NumberOfInvestorsBeneficiallyOwnMore5Percent were changed to UnsignedLongRestricted15Type. It accepts 0 now.

3/30/2012

1. In complexType PFSection2bItemCHedgeFundRiskVarCalculatedType, type (PositiveDecimalRestricted15p2Type) for elements TimeHorizonDays and HistoricalLookbackPeriodYears were changed to accept 0 now.

2. In complexType PFSection2bItemCHedgeFundRiskVarCalculatedType, validation pattern of the type (DecimalRestricted15p2RequiredDecimalType) for element WeightedFactorValue was changed.

3/27/2012

1. In complexType PFSection1aItemCMiscellaneousType, type for element Description was changed to StringRestricted10000Type. It allows up to 10,000 characters.

2. In complexType PFSection2bItemDHedgeFundCreditorType, type for element AmountOwed Description was changed to PositiveLongRestricted15Type. It allows only unsignedLong up to 15 digits.

3/20/2012

1. In complexType PFSection1bItemAFundIdentInfoType, element FundName was removed.
2. In complexType PFSection2bItemBQ31ffHedgeLiquidity, type for elements UnencumberedCashMonth1, UnencumberedCashMonth2 and UnencumberedCashMonth3 were changed to LongRestricted15Type. It allows Long value upto 15 digits.
3. In complexType PFSection2bItemCHedgeFundRiskVarMetricType, type for element NonVaRRiskMetricCode were changed to accommodate more values.

3/13/2012

1. Xs:annotation were added to PFFormFiling.xsd.
2. In complexType PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType, type for all the elements was changed to UnsignedLongRestricted10Type. It allows only unsignedLong.
3. In complexType PFSection2bItemBQ38ffHedgeCtrlRehypType, type for the elements CounterpartyToFundCollateralMaybeRehypPct, CounterpartyToFundCollateralHasRehypPct and FundToCounterpartyCollateralMaybeRehypPct were changed to PercentType.
4. In complexType PFSection3ItemCLiquidityFinancingInfoItem, minOccurs of the element CommittedLiquidityFacilitiesAmount was added.
5. minOccurs was added to complexTypes PFSection4ItemBPrivateEquityFinancingLoan and PFSection4ItemBPrivateEquityFinancingFinancialCompany.

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How To Submit XML Filings

Introduction

To facilitate filing of Form PF the SEC provides an XML-based filing submission interface. Filers who submit Form PF via XML are subject to the same Federal information law and requirements imposed on any other filers. Please see the [Preface](#) of this document for details on these requirements.

The XML-based Form PF filing interface may be accessed in two ways: (1) interactively via the *PFRD Website*, and (2) programmatically, machine-to-machine, via the *PFRD filing submission Web Service*. Whether accessed interactively via the website or programmatically via the web service, this XML interface is secure and requires a username and password. For more information on obtaining a username and password please refer to the [FINRA Entitlement Program](#) page.

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Filing Interactively Via the PFRD Website

The PFRD website provides an *XML Filing Upload* menu with two links: *XML Manual Upload* and *XML Upload History*. XML filers can submit a Form PF filing by clicking the *XML Manual Upload* link and completing the following 3 steps:

1. Press the *Browse* button,
2. Select an XML file that conforms to the schema described in the [Filing Schema Reference](#) section of this document (the name of the XML file is unimportant to PFRD), and then
3. Press the *Upload File* button.

Optionally, an email address may be entered before pressing *Upload File*. If an email address is supplied, an email will be sent to the supplied address when the XML filing has been processed by the system. The email message will indicate the success or failure of the filing attempt.

Finally, by clicking the *XML Upload History* link on the *XML Filing Upload* menu, XML filers can review the history of their filings, including detailed information regarding any missing or incomplete information required to successfully process their filing.

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Filing Programmatically Via the PFRD Web Service

Similar to the way that filers may submit XML [interactively via the PFRD Website](#), filers may also submit XML machine-to-machine via the web service [UploadFiling](#) operation.

The PFRD web service is hosted with .Net 4.7 framework using https and wsHttpBinding conforming to WS-* standards.

The size of the XML file submitted via [UploadFiling](#) should be less than 20 MB and must also conform to the schema described in the [Filing Schema Reference](#) section of this document.

The [UploadFiling](#) operation returns a *Filing Result* XML file that is described in the [Filing Result Schema Reference](#) section of this document. The *Filing Result* returned by the [UploadFiling](#) operation contains only an *uploadID* which may subsequently be used to obtain status information on the filing.

To obtain filing status and error information from the web service, filers may call the [GetFilingStatus](#) operation, specifying the *uploadID* of the filing for which they want information. The [GetFilingStatus](#) operation also returns a *Filing Result* XML file that conforms to the [Filing Result Schema](#). The *Filing Result* returned by [GetFilingStatus](#) contains detailed information including the status of the filing and any error messages.

Refer to the [Web Service Reference](#) section of this document and [Web Service Description Language](#) (WSDL) file (available from the URL below) for detailed information on the operations supported by the web service. [Sample code](#) for uploading a filing via the web service is also provided.

The PFRD Web Service URL is:

<https://crd.finra.org/v2/PFRD/WebServices/PFFormSubmissionService.svc>

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Filing Schema Overview

Regardless of the mechanism used to submit a Form PF XML Filing, the XML file submitted must conform to the Filing Schema. The schema is provided along with this *Guide* as an XML Schema Definition (.xsd) file. And it is also described in the [Filing Schema Reference](#) section of this document.

The Filing Schema defines the following notable elements of an acceptable XML file submission:

- A [PFXMLFiling](#) element wraps the entire contents of the filing.
- One of the most important sub-elements of [PFXMLFiling](#) is the PFFunds element which represents a collection of PFFund sub-elements (of type [PFFundType](#)).
 - The PFFunds collection must contain all of the funds being reported on for a given filing. It is a "master list" of funds to which all fund-specific data in the remainder of the filing must refer.
 - Fund references within the filing are based on the [PFFundType](#)'s FundID field (of type [FundIDType](#)), which is a string of the form: "805-NNNNNNNNNN", also known as a Private Fund ID.
 - Private Fund IDs are unique "805 numbers" and *must* be obtained from the PFRD website prior to submitting a filing for a given fund.
 - However, if the fund is also subject to reporting on Form ADV and a Private Fund ID has already been obtained for the fund from the IARD website, the existing Private Fund ID should also be used for filing Form PF.
- Aside from the PFFunds element, the remainder of [PFXMLFiling](#) sub-elements fall into two main categories:
 - Those containing general or consolidated information that isn't linked to a specific fund in the PFFunds collection, and
 - Those containing fund-specific information that is linked to a specific fund by FundID "805 number".

Finally, here are some additional helpful tips relating to the Filing Schema:

- The [PFXMLFiling](#) sub-elements are defined in a "flat" structure that does *not* mirror the hierarchy of Sections, Items, and Questions on Form PF. Instead, the sub-elements encapsulate this hierarchy within the name of the element or type itself. For example: sub-element PFSection2bItemBHedgeFundsPositions of type [PFSection2bItemBHedgeFundPositionsType](#) encapsulates the hierarchy of Form PF Section 2b, Item B, down to question 35, for a specific fund identified within this sub-element by FundID. This design provides filers with flexibility in the order and arrangement of sub-elements within the overall [PFXMLFiling](#).
- To assist filers in relating schema elements to specific Questions on Form PF the [Filing Schema Reference](#) section of this document notes the relevant Question using the notation "Q#". For example, by using the PDF text search feature (in Adobe Reader, the "Find" option on the "Edit" menu) and searching this document for all occurrences of "Q57" (without quotes), filers may identify schema elements relating to Form PF Section 3, Item B, Question 57.
- Some fields allow the special value NA ("Not Applicable") to be provided. The [AlternateTextType](#) encapsulates this special value.

PFFormSubmissionService.UploadFiling Operation

Use this operation to submit a Form PF filing. In order to invoke this operation the caller must have the "XML Web Service Upload" privilege. See the [Introduction](#) for more information on obtaining a username and password with the proper privileges.

Syntax

C#
public string UploadFiling(string userReferenceID, string emailAddress, string xmlStrIn)

VB
Public Function UploadFiling(ByVal userReferenceID As String, ByVal emailAddress As String, ByVal xmlStrIn As String) As String

Java
public String UploadFiling(String userReferenceID, String emailAddress, String xmlStrIn)

Parameters

userReferenceID

Type: System.String

A string or ID that the filer wishes to associate with this filing. This parameter may be used to cross-reference this filing to information in the filer's system. The value specified for this parameter is returned to the filer in corresponding calls to the [GetFilingStatus](#) operation. The maximum allowed length for this parameter is 1024.

emailAddress

Type: System.String

Filer's email address(es) for receiving notification of the submission status. Upto 10 email addresses separated by a comma (,) or semi-colon (;) are allowed. Each email address provided must be valid with length not exceeding 128 characters.

xmlStrIn

Type: System.String

An XML string in iso-8859-1 encoding containing the Form PF filing.

Returns

Type: System.String

An XML string in iso-8859-1 encoding containing the result of the operation.

PFFormSubmissionService.GetFilingStatus Operation

Use this operation to obtain the status for a previously submitted Form PF filing. In order to invoke this operation, the caller must have the "XML Web Service Upload" privilege. See the [Introduction](#) for more information on obtaining a username and password with the proper privileges.

Syntax

C#

```
public string GetFilingStatus (int uploadID)
```

VB

```
Public Function GetFilingStatus(ByVal uploadID As Integer) As String
```

Java

```
public String GetFilingStatus (int uploadID)
```

Parameters

uploadID

Type: System.Int32

A unique ID associated with the filing submission. This ID is returned to the caller after [UploadFiling](#) is invoked.

Returns

Type: System.String

An XML string in iso-8859-1 encoding containing current status of filing upload process.

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Upload a Filing Via the Web Service - (Java)

Java client was tested with Metro JAX-WS with WSIT to conform to WS-*standards (for wsHttpBinding).

Reference article to configure WS-Security for Metro: <http://www.ibm.com/developerworks/java/library/j-jws10/index.html>

Please contact PFRDSupport@finra.org if you need test sample code.

Upload a Filing Via the Web Service - Sample Code (C#)

The sample code provided on the next page may be used in Microsoft Visual Studio 2010 by performing the following steps:

1. Launch Microsoft Visual Studio 2010.
2. From the *File* menu, open the *New Project* dialog by selecting *New*, and then *Project*.
3. In the *New Project* dialog, select the *Visual C#, Windows* node from the *Installed Templates* list and then click on *Console Application*.
4. In the *Name* field, enter *PFWebServiceTestUtilityConsole* and then press the *OK* button. The new Console Application is created.
5. From the *Project* menu, select *Add Reference*.
6. On the *.NET* tab of the *Add Reference* dialog, select the *System.ServiceModel* component and then press the *OK* button.
7. From the *Project* menu, select *Add Service Reference*.
8. In the *Address* field enter the PFRD Web Service URL
(<https://crd.finra.org/v2/PFRD/WebServices/PFFormSubmissionService.svc>) and then press the *Go* button.
9. In the *Namespace* field enter *PFServiceReference* and then press the *OK* button.
10. Finally, copy-and-paste the sample code from the next page of this document into the Program.cs file, overwriting all of the existing code in that file.

```

using System;
using System.Text;
using System.IO;
using System.ServiceModel;
using System.ServiceModel.Security;
using System.Net;
using System.Net.Security;
using System.Security.Cryptography.X509Certificates;
using PFWebServiceTestUtilityConsole.PFWebServiceReference;
using System.Net.Http;
using RestSharp;
using RestSharp.Authenticators;
using System.Text.Json.Serialization;
using System.ServiceModel.Web;
namespace PFWebServiceTestUtilityConsole
{
    class Program
    {
        //FIP Url
        public static string fipUrl = "https://ews.fip.finra.org/fip/rest/ews/oauth2/access_token?grant_type=client_credentials";
        //FIP JSON Response structure
        private class FipResponse
        {
            [JsonPropertyName("access_token")]
            public string AccessToken { get; set; }
            [JsonPropertyName("expires_in")]
            public string Expiration { get; set; }
        }
        private EndpointAddress serviceEndpoint;
        private WSHttpBinding binding;
        private string fileName = @"c:\somefilename.xml";
        private string email = @"somename@someorg.com";
        private string userName = "username";
        private string password = "password";
        private bool uploadFile = false;
        static void Main(string[] args)
        {
            Program p = new Program(args);
            p.InitializeService();
            p.Execute();
        }
        public Program(string[] args)
        {
            if (args.Length > 0)
            {
                try
                {
                    string uploadFileArg = args[0].Split(':')[1];
                    uploadFile = Convert.ToBoolean(uploadFileArg);
                }
                catch
                {
                    Console.WriteLine($"Unknown program argument {args[0]}, ignoring");
                }
            }
        }
        public void InitializeService()
        {
            ServicePointManager.ServerCertificateValidationCallback = new RemoteCertificateValidationCallback(
                customCertificateValidation);
            ServicePointManager.SecurityProtocol = SecurityProtocolType.Tls12;
            binding = new WSHttpBinding();
            binding.Name = "WSHttpBinding_PFFormSubmissionService";
            binding.CloseTimeout = new TimeSpan(0, 3, 0);
            binding.OpenTimeout = new TimeSpan(0, 3, 0);
            binding.ReceiveTimeout = new TimeSpan(0, 10, 0);
            binding.SendTimeout = new TimeSpan(0, 3, 0);
            binding.Security.Mode = SecurityMode.Transport;
            binding.Security.Transport.ProxyCredentialType = HttpClientCredentialType.None;
            binding.Security.Transport.ClientCredentialType = HttpClientCredentialType.None;
            binding.Security.Transport.Realm = "";
            binding.Security.Message.NegotiateServiceCredential = true;
            binding.Security.Message.AgorithmSuite = SecurityAlgorithmSuite.Default;
            binding.Security.Message.EstablishSecurityContext = false;
            binding.ReaderQuotas.MaxStringLength = 10000000;
            binding.MaxReceivedMessageSize = 10000000;
        }
        public static bool customCertificateValidation(object sender, X509Certificate cert, X509Chain chain, SslPolicyError sslError)
        {
            // Actual certificate validation goes here
            return true;
        }
        public void Execute()
        {
            string xml;
            string xmlOut = null;

```



```

ServiceEndPoint = newEndPointAddress(new Uri ("https://crd.finnra.org/v2/PFRD/WebServices/PFFormSubmissionsService.svc"));
using (PFFormSubmissionsServiceClient pf = newPFFormSubmissionsServiceClient(binding, ServiceEndPoint))
using (newOperationContextScope(pf.InnerChannel))
{
    var fipResponse = GetFipToken(userName, password);
    //prepare the Auth header
    var authHeader = String.Format("Bearer {0}", fipResponse.AccessToken);
    //set the header for the outgoing request
    WebOperationContext.Current.OutgoingRequest.Headers.Add("Authorization", authHeader);
    try
    {
        bool pingResponse = pf.Ping();
        if (pingResponse)
        {
            Console.WriteLine("Service is available");
            if (uploadFile)
            {
                Console.WriteLine($"Uploading file {fileName}");
                using (StreamReader reader = newStreamReader(fileName))
                {
                    xml = reader.ReadToEnd();
                }
                xmlOut = pf.UploadFile(fileName, email, xml);
            }
        }
        else
        {
            Console.WriteLine("Service is NOT available");
        }
    }
    catch (Exception ex)
    {
        Console.WriteLine("Exception thrown");
        xmlOut = ex.ToString();
    }
    finally
    {
        if (pf.State == CommunicationState.Opened) pf.Close();
    }
    Console.WriteLine(xmlOut);
    Console.WriteLine("Press any key to exit...");
    Console.ReadKey();
}

privateFipResponseGetFipToken(stringuserName, stringpassword)
{
    //We used RestClient, but it can be any REST library of your choice
    var client = newRestClient
    {
        //IMPORTANT: Use basic authentication for call to FIP
        Authenticator = newHttpBasicAuthenticator(userName, password)
    };
    var request = newRestRequest(fipUrl);
    //This needs to be a POST call
    var task = client.PostAsync<FipResponse>(request);
    //Make the call synchronously
    returntask.GetAwaiter().GetResult();
}
}
}
}

```

Schema Reference Legend

How to Read Schema Reference Pages

The following hypothetical "Australian Address" schema element is not part of Form PF. It is provided with annotations that explain the layout and content of the actual schema elements and types in the remainder of the *Schema Reference* sections of this document.

Complex Type:

AusAddress

Schema Component Type

Schema Component Name

Super-types: [Address](#) < AusAddress (by extension)

Sub-types:

- [QLDAddress](#) (by restriction)

If this schema component is a type definition, its type hierarchy is shown in a gray-bordered box.

Name	AusAddress
Abstract	no

The table above displays the properties of this schema component.

XML Instance Representation

```

<... country="Australia">
  <unitNo> string </unitNo> [0..1]
  <houseNo> string </houseNo> [1]
  <street> string </street> [1]
  Start Choice[1]
    <city> string </city> [1]
    <town> string </town> [1]
  End Choice
  <state> AusStates </state> [1]
  <postcode> string <<pattern = [1-9][0-9]{3}>> </postcode> [1]
</...>

```

The XML Instance Representation table above shows the schema component's content as an XML instance.

- The minimum and maximum occurrence of elements and attributes are provided in square brackets, e.g. [0..1].
- Model group information are shown in gray, e.g. Start Choice ... End Choice.
- For type derivations, the elements and attributes that have been added to or changed from the base type's content are shown in **bold**.
- If an element/attribute has a fixed value, the fixed value is shown in green, e.g. country="Australia".
- Otherwise, the type of the element/attribute is displayed.
 - If the element/attribute's type is in the schema, a link is provided to it.
 - For local simple type definitions, the constraints are displayed in angle brackets, e.g. <<pattern = [1-9][0-9]{3}>>.

Schema Component Representation

```

<complexType name="AusAddress" >
  <complexContent>
    <extension base="Address" >
      <sequence>
        <element name="state" type="AusStates" />
        <element name="postcode" >
          <simpleType>
            <restriction base="string" >
              <pattern value="[1-9][0-9]{3}" />
            </restriction>
          </simpleType>
        </element>
      </sequence>
      <attribute name="country" type="string" fixed="Australia" />
    </extension>
  </complexContent>
</complexType>

```

The Schema Component Representation table above displays the underlying XML representation of the schema component. (Annotations are not shown.)

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Schema Properties

Documentation

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Version: Release 2020.03 (last updated on 02/23/2016)

Change History:

In addition to the schema changes listed below, please refer to the release notes for revised validations and other updates: http://www.iard.com/release_notes.asp

10/18/2017

- Section 2b - Item C - Q40(b).(vii), Q40(b).(viii), Q40(b).(ix): Datatype updated to allow upto 4 decimal places (optional).

09/27/2017

- Section 3 - Item E - Q63(o): Datatype updated to accept 0 and negative numbers.

03/10/2016

- Section 2b - Item E - Q50 - % of NAV - 1 day or less to not allow decimals.

- Section 4 - Item B - Q71 and Q72 to not allow negative numbers.

03/09/2016

- Section 1a - Item A - Q1a LargeTraderID and LargeTraderIDSuffix changed to accept NA, number, or numbers with hyphen

- Section 1a - Item A - Q1b - Related Persons LargeTraderID and LargeTraderIDSuffix changed to accept NA, number, or numbers with hyphen

- Retired unused type StringRestricted5Type

- Data type updated for Q63(d) to standard "LEIType".

03/08/2016

- Updated Section 3 - Item E - Q63(h) to be required.

- Updated Section 3 - Item E - Q63(h) to be required.

- Updated Section 3 - Item E - Q63(l)(ii) to be required.

- Updated Q64 to be required.

- Retired the following unused redundant data types:

-- DecimalRestricted15p0Type

-- UnsignedDecimalRestricted15p0Type

-- PositiveDecimalRestricted15p0Type

-- PositiveDecimalNAExRestricted4p0Type

02/23/2016

- Datatype updated for Q63(n)(iv) to allow zero

- Datatype updated for Q63(q) to allow 7 digits before decimals

02/12/2016

- Datatype updated for Q63(o), Q63(p)(i), Q63(p)(ii), Q63(q), Q63(g)(vii), Q63(g)(viii) to require decimal places.

- Datatype updated for Q63(q), Q63(m)(iii) to allow 0

02/09/2016

- Data type updated for Q63(r), Q63(s), Q63(t), Q63(u), Q63(l) (v) to not allow NA

- Data type updated for Q63(g)(ix) to allow NA

12/21/2015

- Removed Question 56 and PFSection3ItemBQ56LiquidityExposures, PFSection3ItemBQ56LiquidityExposureType, PFSection3ItemBQ56LiquidityExposureItemType, LiquidityExposureProductCodeType

- Removed Question 57 and PFSection3ItemBLiquidityFundsPositions, PFSection3ItemBQ57LqdyFundPositionItemType, LiquidityFundPositionsMonthType, PFSection3ItemBLqdyFundPositionsType

- Updated PFSection3ItemC to update the Question numbers for Q58 and Q59 to Q56 and Q57 respectively.

- Updated PFSection3ItemD to update the Question numbers for Questions 60 thru 64 to Questions 58 thru

62.

- Added PFSection3ItemELiquiditySecurityInfoList for Section 3 - Item E - Q63

- Added PFSection3ItemFLiquidityParallelMoneyMarketInfoList for Section 3 - Item F - Q64

- Added "NFAFundCFTCComplianceFlag" to update Section 1 - Question 5(c)

- "HedgeAssetClassCDType" updated to remove allowed value INV_OTH_SUB_ASST_CLS (Investments in other sub-asset classes) for Section 2b - Item B - Q35 - Sub-asset class

- Data type updated for Q20, Q25, Q28, Q32, Q40, Q46, Q50, Q62 to not allow decimal places

11/11/2015

- Corrected Capitalization for a few country names in Country list Table

09/12/2015

- Updated country code list to only include valid countries, per the ISO standards. This change was consistently made across IARD and PFRD systems in September 2015.

Global Declarations

Name	PFXMLFiling
Type	Locally-defined complex type
Niltable	no
Abstract	no

XML Instance Representation

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  Allowed values (code-description) are:
  PF-AMEND - Amendment Filing
  PF-FINAL - Final Filing
  PF-INIT - Initial Filing
  PF-TRANS - Transition Filing
  PF-UPDATING - Updating Filing -->
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  Large hedge fund advisers or large liquidity fund advisers must generally
  file on a quarterly basis. This is not needed for PF-FINAL/PF-TRANS filings -->
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  Note that the filer's Legal Name and SEC 801-Number (if any) are not
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<!-- List *all* of the funds for which information is being reported.
This is a "master list" of funds to which all fund-specific data in the remainder
of the filing must refer.
If a "Private Fund ID" ("805 number") has not been obtained from the PFRD or IARD website
for a given fund, then visit the PFRD website to generate a Private Fund ID before attempting
to include the fund here.
(This list maps to Q5(a), Q18, Q29, Q51, and Q65) -->
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<!-- Section 2b - Item B - Q35 - Hedge Fund Positions For Q36 and Q37 See Q22 and Q23 -->
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Schema Component Representation

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  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemEHedgeFundInvestorsInfo" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemEHedgeFundInvestorInfo"
        type="PFSection2bItemEHedgeFundInvestorInfoType" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection3ItemALiquidityOperationalInfos" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemALiquidityOperationalInfo"
        type="PFSection3ItemALiquidityOperationalInfoType" minOccurs="1" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection3ItemBLiquidityFundsAssets" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemBLiquidityAssets" type="PFSection3ItemBLiquidityAssetsType"
        minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>

```

```

</xsd:element>
<xsd:element name="PFSection3ItemsCLiquidityFinancingInfo" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemCLiquidityFinancingInfo"
        type="PFSection3ItemCLiquidityFinancingInfoType" minOccurs="1" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection3ItemDLiquidityInvestorInfoList" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemDLiquidityInvestorInfo" type="PFSection3ItemDLiquidityInvestorInfoType"
        maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection3ItemELiquiditySecurityInfoList" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemELiquiditySecurityInfo" type="PFSection3ItemELiquiditySecurityInfoType"
        maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection3ItemFLiquidityParallelMoneyMarketInfoList" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemFLiquiditySecurityParallelMoneyMarketInfo"
        type="PFSection3ItemFLiquidityParallelMoneyMarketInfoType" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection4ItemBPrivateEquityFinancings" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection4ItemBPrivateEquityFinancing"
        type="PFSection4ItemBPrivateEquityFinancingType" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

```

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Global Definitions

Complex Type: **DateNAExType**

Super-types:	None
Sub-types:	None

Name	DateNAExType
Abstract	no

XML Instance Representation

```
<...>  
  <Value> union of: [ xs:date,AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="DateNAExType">  
  <xsd:sequence>  
    <xsd:element name="Value">  
      <xsd:simpleType>  
        <xsd:union memberTypes="xs:dateAlternateTextType"/>  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted10p2Type**

Super-types: None

Sub-types: None

Name	DecimalNAExRestricted10p2Type
-------------	-------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>  
  <Value> union of: [ DecimalRestricted10p2Type, AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted10p2Type">  
  <xsd:sequence>  
    <xsd:element name="Value">  
      <xsd:simpleType>  
        <xsd:union memberTypes="DecimalRestricted10p2TypeAlternateTextType" />  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted12p2RequiredDecimalType**

Super-types: None

Sub-types: None

Name	DecimalNAExRestricted12p2RequiredDecimalType
-------------	--

Abstract	no
-----------------	----

XML Instance Representation

```
<...>
  <Value> union of: [ DecimalRestricted12p2RequiredDecimalType, AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted12p2RequiredDecimalType" >
  <xsd:sequence>
    <xsd:element name="Value" >
      <xsd:simpleType>
        <xsd:union memberTypes="DecimalRestricted12p2RequiredDecimalTypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted15p0Type**

Super-types: None

Sub-types: None

Name	DecimalNAExRestricted15p0Type
-------------	-------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>  
  <Value> union of: [ LongRestricted15Type, AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted15p0Type" >  
  <xsd:sequence>  
    <xsd:element name="Value" >  
      <xsd:simpleType>  
        <xsd:union memberTypes="LongRestricted15TypeAlternateTextType" />  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted15p2RequiredDecimalType**

Super-types: None

Sub-types: None

Name	DecimalNAExRestricted15p2RequiredDecimalType
-------------	--

Abstract	no
-----------------	----

XML Instance Representation

```
<...>
  <Value> union of: [ DecimalRestricted15p2RequiredDecimalType, AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted15p2RequiredDecimalType">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="DecimalRestricted15p2RequiredDecimalTypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted15p2Type**

Super-types: None

Sub-types: None

Name	DecimalNAExRestricted15p2Type
-------------	-------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>
  <Value> union of: [ DecimalRestricted15p2Type, AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted15p2Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="DecimalRestricted15p2TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: FinanceBorrowingItem15pType

Super-types: None

Sub-types: None

Name	FinanceBorrowingItem15pType
-------------	-----------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>
  <!-- Q43 1st Month Amount for this item -->
  <Month1> UnsignedLongRestricted15Type </Month1> [1]
  <!-- Q43 2nd Month Amount for this item -->
  <Month2> UnsignedLongRestricted15Type </Month2> [1]
  <!-- Q43 3rd Month Amount for this item -->
  <Month3> UnsignedLongRestricted15Type </Month3> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinanceBorrowingItem15pType">
  <xsd:sequence>
    <xsd:element name="Month1" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="Month2" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="Month3" type="UnsignedLongRestricted15Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: FinanceBorrowingItem16pType

Super-types: None

Sub-types: None

Name FinanceBorrowingItem16pType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q43 1st Month Amount for this item -->
  <Month1> LongRestricted15Type </Month1> [1]
  <!-- Q43 2nd Month Amount for this item -->
  <Month2> LongRestricted15Type </Month2> [1]
  <!-- Q43 3rd Month Amount for this item -->
  <Month3> LongRestricted15Type </Month3> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinanceBorrowingItem16pType">
  <xsd:sequence>
    <xsd:element name="Month1" type="LongRestricted15Type" minOccurs="1"/>
    <xsd:element name="Month2" type="LongRestricted15Type" minOccurs="1"/>
    <xsd:element name="Month3" type="LongRestricted15Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: FinanceBorrowingItem3pType

Super-types: None

Sub-types: None

Name FinanceBorrowingItem3pType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q43 1st Month percent for this item -->
  <Month1> PercentType </Month1> [1]
  <!-- Q43 2nd Month percent for this item -->
  <Month2> PercentType </Month2> [1]
  <!-- Q43 3rd Month percent for this item -->
  <Month3> PercentType </Month3> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinanceBorrowingItem3pType">
  <xsd:sequence>
    <xsd:element name="Month1" type="PercentType" minOccurs="1"/>
    <xsd:element name="Month2" type="PercentType" minOccurs="1"/>
    <xsd:element name="Month3" type="PercentType" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: HedgeFundPositionsMonthType

Super-types: None

Sub-types: None

Name HedgeFundPositionsMonthType

Abstract no

XML Instance Representation

```
<...>  
  <!-- Section 2b - Item B - Q35 - Hedge Fund Position Item in each of the three months -->  
  <PFSection2bItemBHedgeFundPositionItem> PFSection2bItemBHedgeFundPositionItemType  
  </PFSection2bItemBHedgeFundPositionItem> [0..*]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="HedgeFundPositionsMonthType">  
  <xsd:sequence>  
    <xsd:element name="PFSection2bItemBHedgeFundPositionItem" type="PFSection2bItemBHedgeFundPositionItemType"  
      minOccurs="0" maxOccurs="unbounded" />  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PercentNAType

Super-types:	None
Sub-types:	None

Name	PercentNAType
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ PercentType,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PercentNAType">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PercentTypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFFundType

Super-types:	None
Sub-types:	None

Name	PFFundType
Abstract	no
Documentation	This type maps to Q5, Q18, Q29, Q51, or Q65 depending on the FundType. This node should list all the funds that will have details provided in later sections.

XML Instance Representation

```
<...>
  <!-- Q5(b) Private fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Private fund type of the reporting fund -->
  <FundType> FundTypeType </FundType> [1]
  <!-- Q5(a) Private fund name of the reporting fund -->
  <FundName> StringRestricted256Type </FundName> [1]
  <!-- Indicates if the reporting fund is a commodity pool only fund being reported on Form PF -->
  <CFTCFund> BooleanYNTYPE </CFTCFund> [0..1]
  <!-- Indicates if the reporting fund has been reported on a prior Form ADV -->
  <PriorADVFund> BooleanYNTYPE </PriorADVFund> [0..1]
  <!-- Used to remove this fund from reporting after it was reported in a prior filing within the same reporting period -->
  <ActionCode> FundActionCodeType </ActionCode> [0..1]
  <!-- NFA ID Number of the firm that is reporting a commodity pool only fund on Form PF. This is only needed if CFTCFund=Y to link the commodity pool only fund to a commodity pool operator/Commodity Trading Advisor. -->
  <NFAFirmID> NFAFirmIDType </NFAFirmID> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFFundType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="FundType" type="FundTypeType"/>
    <xsd:element name="FundName" type="StringRestricted256Type"/>
    <xsd:element name="CFTCFund" type="BooleanYNTYPE" minOccurs="0"/>
    <xsd:element name="PriorADVFund" type="BooleanYNTYPE" minOccurs="0"/>
    <xsd:element name="ActionCode" type="FundActionCodeType" minOccurs="0"/>
    <xsd:element name="NFAFirmID" type="NFAFirmIDType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1aItemARelatedPersonType

Super-types:	None
Sub-types:	None

Name	PFSection1aItemARelatedPersonType
Abstract	no
Documentation	Section 1a - Item A - Q1b - Related Persons. Note that if RelatedPersonType = "RGSTD_ERA", the PFRD system will use the provided CRDNumber (or alternatively the provided SECNumber) to lookup any information on file for the Related Person in IARD. Any information found in IARD will be used to fill-in or correct the LegalName and SECNumber for the Related Person in the filing. If RelatedPersonType is "CPO_CTA" or "RELY_SPV", PFRD requires the filer to supply the correct LegalName for the Related Person.

XML Instance Representation

```
<...>
  <!-- Indicates if the related person is an SEC Registered Adviser/ERA active firm Or a Commodity Pool Operator Or a Relying Adviser/Special Purpose Vehicle -->
  <RelatedPersonType> RelatedPersonTypeType </RelatedPersonType> [1]
  <!-- Q1b - CRD Number, if any of the Related Person -->
  <CRDNumber> PositiveIntRestricted8Type </CRDNumber> [0..1]
  <!-- Q1b - Legal Name of the Related Person -->
  <LegalName> StringRestricted128Type </LegalName> [0..1]
  <!-- Q1b - SEC Number Type, if any of the Related Person -->
  <SECNumberType> SECNumberTypeType </SECNumberType> [0..1]
  <!-- Q1b - SEC Number, if any of the Related Person -->
  <SECNumber> PositiveIntRestricted8Type </SECNumber> [0..1]
  <!-- Q1b - NFA ID Number, if any of the Related Person -->
  <NFAFirmID> NFAFirmIDType </NFAFirmID> [0..1]
  <!-- Q1b - Large trader ID, if any of the Related Person -->
  <LargeTraderID> TradeIDType </LargeTraderID> [0..1]
  <!-- Q1b - Large trader ID suffix, if any of the Related Person -->
  <LargeTraderIDSuffix> TradeIDSuffixType </LargeTraderIDSuffix> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1aItemARelatedPersonType">
  <xsd:sequence>
    <xsd:element name="RelatedPersonType" type="RelatedPersonTypeType" minOccurs="1"/>
    <xsd:element name="CRDNumber" type="PositiveIntRestricted8Type" minOccurs="0"/>
    <xsd:element name="LegalName" type="StringRestricted128Type" minOccurs="0"/>
    <xsd:element name="SECNumberType" type="SECNumberTypeType" minOccurs="0"/>
    <xsd:element name="SECNumber" type="PositiveIntRestricted8Type" minOccurs="0"/>
    <xsd:element name="NFAFirmID" type="NFAFirmIDType" minOccurs="0"/>
    <xsd:element name="LargeTraderID" type="TradeIDType" minOccurs="0"/>
    <xsd:element name="LargeTraderIDSuffix" type="TradeIDSuffixType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1aItemASignatureMainType

Super-types: None

Sub-types:

- [PFSection1aItemASignatureRltdPrsnType](#) (by extension)

Name	PFSection1aItemASignatureMainType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q2 Name of individual -->
  <IndividualName> StringRestricted128Type </IndividualName> [1]
  <!-- Q2 Signature -->
  <Signature> StringRestricted128Type </Signature> [1]
  <!-- Q2 Title -->
  <Title> StringRestricted128Type </Title> [1]
  <!-- Q2 Email address -->
  <EmailAddress> EmailType </EmailAddress> [1]
  <!-- Q2 Telephone contact number -->
  <TelephoneNumber> StringRestricted27Type </TelephoneNumber> [1]
  <!-- Q2 Date -->
  <SignatureDate> xsd:date </SignatureDate> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1aItemASignatureMainType">
  <xsd:sequence>
    <xsd:element name="IndividualName" type="StringRestricted128Type" />
    <xsd:element name="Signature" type="StringRestricted128Type" />
    <xsd:element name="Title" type="StringRestricted128Type" />
    <xsd:element name="EmailAddress" type="EmailType" />
    <xsd:element name="TelephoneNumber" type="StringRestricted27Type" />
    <xsd:element name="SignatureDate" type="xsd:date" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1aItemASignatureRltdPrsnType

Super-types: [PFSection1aItemASignatureMainType](#) < PFSection1aItemASignatureRltdPrsnType (by extension)

Sub-types: None

Name PFSection1aItemASignatureRltdPrsnType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q2 Name of individual -->
  <IndividualName> StringRestricted128Type </IndividualName> [1]
  <!-- Q2 Signature -->
  <Signature> StringRestricted128Type </Signature> [1]
  <!-- Q2 Title -->
  <Title> StringRestricted128Type </Title> [1]
  <!-- Q2 Email address -->
  <EmailAddress> EmailType </EmailAddress> [1]
  <!-- Q2 Telephone contact number -->
  <TelephoneNumber> StringRestricted27Type </TelephoneNumber> [1]
  <!-- Q2 Date -->
  <SignatureDate> xsd:date </SignatureDate> [1]
  <LinkedRelatedPersonList> [1]
    <PFSection1aItemARelatedPerson> [1..*]

  <!-- Provide either the CRD Number (for SEC registered/ERA adviser), or the NFA Number (for commodity pool
  operator), or the LegalName (for Relying Adviser/SPV only firm) to include that firm for this signature -->
  Start Choice[1]
    <!-- Q1b - CRD Number, if the Related Person is a SEC registered/ERA adviser -->
    <CRDNumber> PositiveIntRestricted8Type </CRDNumber> [1]
    <!-- Q1b - NFA Number, if the Related Person is a Commodity Pool Operator/CFTC only firm -->
    <NFAFirmID> NFAFirmIDType </NFAFirmID> [1]
    <!-- Q1b - Legal Name, if the Related Person is a Relying Adviser/SPV only firm -->
    <LegalName> xs:string </LegalName> [1]
  End Choice
  </PFSection1aItemARelatedPerson>
</LinkedRelatedPersonList>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1aItemASignatureRltdPrsnType">
  <xsd:complexContent>
    <xsd:extension base="PFSection1aItemASignatureMainType">
      <xsd:sequence>
        <xsd:element name="LinkedRelatedPersonList">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element name="PFSection1aItemARelatedPerson" maxOccurs="unbounded">
                <xsd:complexType>
                  <xsd:choice>
                    <xsd:element name="CRDNumber" type="PositiveIntRestricted8Type"/>
                    <xsd:element name="NFAFirmID" type="NFAFirmIDType"/>
                    <xsd:element name="LegalName" type="xs:string"/>
                  </xsd:choice>
                </xsd:complexType>
              </xsd:element>
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

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Complex Type: PFSection1aItemCMiscellaneousType

Super-types: None

Sub-types: None

Name	PFSection1aItemCMiscellaneousType
-------------	-----------------------------------

Abstract	no
-----------------	----

Documentation	Section 1a - Item C - Q4
----------------------	--------------------------

XML Instance Representation

```
<...>
  <!-- Section 1a - Item C - Q4 - Question number -->
  <QuestionNumber> StringRestricted15Type </QuestionNumber> [1]
  <!-- Section 1a - Item C - Q4 - Description -->
  <Description> StringRestricted10000Type </Description> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1aItemCMiscellaneousType">
  <xsd:sequence>
    <xsd:element name="QuestionNumber" type="StringRestricted15Type" />
    <xsd:element name="Description" type="StringRestricted10000Type" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1bItemAFundIdentInfoType

Super-types:	None
Sub-types:	None

Name	PFSection1bItemAFundIdentInfoType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q5(b) Private fund identification number of the reporting fund. This should be included in the PPFunds list. -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q5(c) NFA identification number of the reporting fund -->
  <NFAFundID> NFAFundIDType </NFAFundID> [0..1]
  <!-- Q5(c) Flag to indicate that this fund is included in order to be compliant with CFTC reporting requirements
  (i.e., filed with the CFTC). -->
  <NFAFundCFTCComplianceFlag> BooleanYNTYPE </NFAFundCFTCComplianceFlag> [0..1]
  <!-- Q5(d) LEI of the reporting fund -->
  <LEI> LEIType </LEI> [0..1]
  <!-- Q6 Reporting fund is the master fund of a master-feeder arrangement and you are reporting for all of the funds
  in the master-feeder arrangement on an aggregated basis -->
  <IsMasterFund> xsd:boolean </IsMasterFund> [1]
  <!-- Q7(a) Reporting fund is the largest fund in a parallel fund structure and you are reporting for all of the funds
  in the structure on an aggregated basis -->
  <IsParallelFundsAggregated> xsd:boolean </IsParallelFundsAggregated> [1]
  <!-- Q7 parallel fund collection. -->
  <ParallelFunds> [0..1]
    <PFSection1bItemAFundParallelFund> PFSection1bItemAParallelFundType </PFSection1bItemAFundParallelFund> [1..*]
  </ParallelFunds>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1bItemAFundIdentInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="NFAFundID" type="NFAFundIDType" minOccurs="0"/>
    <xsd:element name="NFAFundCFTCComplianceFlag" type="BooleanYNTYPE" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="LEI" type="LEIType" minOccurs="0"/>
    <xsd:element name="IsMasterFund" type="xsd:boolean"/>
    <xsd:element name="IsParallelFundsAggregated" type="xsd:boolean"/>
    <xsd:element name="ParallelFunds" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection1bItemAFundParallelFund" type="PFSection1bItemAParallelFundType"
            maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1bItemAParallelFundType

Super-types: None

Sub-types: None

Name PFSection1bItemAParallelFundType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q7 CFTC checkbox if the fund is a commodity pool that is not a private fund -->
  <IsCFTCFund> xsd:boolean </IsCFTCFund> [0..1]
  <!-- Q7(b) Name of the parallel fund -->
  <FundName> StringRestricted256Type </FundName> [1]
  <!-- Q7(c) Private fund identification number -->
  <ParallelFundID> FundIDType </ParallelFundID> [1]
  <!-- Q7(d) NFA identification number of the parallel fund -->
  <NFAFundID> NFAFundIDType </NFAFundID> [0..1]
  <!-- Q7(e) LEI of the parallel fund -->
  <LEI> LEIType </LEI> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1bItemAParallelFundType">
  <xsd:sequence>
    <xsd:element name="IsCFTCFund" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="FundName" type="StringRestricted256Type"/>
    <xsd:element name="ParallelFundID" type="FundIDType"/>
    <xsd:element name="NFAFundID" type="NFAFundIDType" minOccurs="0"/>
    <xsd:element name="LEI" type="LEIType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1bItemBFundAssetType

Super-types: None

Sub-types: None

Name PFSection1bItemBFundAssetType

Abstract no

XML Instance Representation

```
<...>
  <!-- Private fund identification number of the reporting fund that is included in the PFFund node list. -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q8 Gross asset value of reporting fund -->
  <GrossAssetValue> LongRestricted15Type </GrossAssetValue> [1]
  <!-- Q9 Net asset value of reporting fund -->
  <NetAssetValue> LongRestricted15Type </NetAssetValue> [1]
  <!-- Q10 Value of reporting fund's investments in equity of other private funds -->
  <EquityValueInOtherFunds> LongRestricted15Type </EquityValueInOtherFunds> [1]
  <!-- Q11 Value of all parallel managed accounts related to the reporting fund -->
  <ParallelManagedAccountValue> LongRestricted15Type </ParallelManagedAccountValue> [1]
  <!-- Q12(a) Dollar amount of total borrowings -->
  <BorrowedTotalAmount> UnsignedLongRestricted15Type </BorrowedTotalAmount> [0..1]
  <!-- Q12(b) Percentage borrowed from U.S. financial institutions -->
  <BorrowedFromUSFinancialInstitutionAmount> PercentType </BorrowedFromUSFinancialInstitutionAmount> [0..1]
  <!-- Q12(c) Percentage borrowed from non-U.S. financial institutions -->
  <BorrowedFromNonUSFinancialInstitutionAmount> PercentType </BorrowedFromNonUSFinancialInstitutionAmount> [0..1]
  <!-- Q12(d) Percentage borrowed from creditors that are not financial institutions -->
  <BorrowedFromUSNonFinancialInstitutionAmount> PercentType </BorrowedFromUSNonFinancialInstitutionAmount> [0..1]
  <!-- Q12(e) Percentage borrowed from non-U.S. creditors that are not financial institutions -->
  <BorrowedFromNonUSNonFinancialInstitutionAmount> PercentType </BorrowedFromNonUSNonFinancialInstitutionAmount> [0..1]
  <!-- Q13(a) Does the reporting fund have any outstanding derivatives positions? -->
  <HasDerivativesPositions> xsd:boolean </HasDerivativesPositions> [0..1]
  <!-- Q13(b) Aggregate value of all derivatives positions of the reporting fund -->
  <DerivativesPositionsValue> UnsignedLongRestricted15Type </DerivativesPositionsValue> [0..1]
  <!-- Q14 Fair value - Level 1 Assets -->
  <FairValueLevel1AssetsAmount> LongRestricted15Type </FairValueLevel1AssetsAmount> [0..1]
  <!-- Q14 Fair value - Level 2 Assets -->
  <FairValueLevel2AssetsAmount> LongRestricted15Type </FairValueLevel2AssetsAmount> [0..1]
  <!-- Q14 Fair value - Level 3 Assets -->
  <FairValueLevel3AssetsAmount> LongRestricted15Type </FairValueLevel3AssetsAmount> [0..1]
  <!-- Q14 Cost-based Assets -->
  <CostBasedAssetsAmount> LongRestricted15Type </CostBasedAssetsAmount> [0..1]
  <!-- Q14 Fair value - Level 1 Liabilities -->
  <FairValueLevel1LiabilitiesAmount> LongRestricted15Type </FairValueLevel1LiabilitiesAmount> [0..1]
  <!-- Q14 Fair value - Level 2 Liabilities -->
  <FairValueLevel2LiabilitiesAmount> LongRestricted15Type </FairValueLevel2LiabilitiesAmount> [0..1]
  <!-- Q14 Fair value - Level 3 Liabilities -->
  <FairValueLevel3LiabilitiesAmount> LongRestricted15Type </FairValueLevel3LiabilitiesAmount> [0..1]
  <!-- Q14 Cost-based Liabilities -->
  <CostBasedLiabilitiesAmount> LongRestricted15Type </CostBasedLiabilitiesAmount> [0..1]
  <!-- Q15 Approximate percentage of the reporting fund's equity -->
  <BeneficiallyOwnedByTop5Percent> PercentType </BeneficiallyOwnedByTop5Percent> [1]
  <!-- Q16(a) Individuals that are United States persons -->
  <BeneficiallyOwnedByUSPersonsPercent> PercentType </BeneficiallyOwnedByUSPersonsPercent> [1]
  <!-- Q16(b) Individuals that are not United States persons -->
  <BeneficiallyOwnedByNonUSPersonsPercent> PercentType </BeneficiallyOwnedByNonUSPersonsPercent> [1]
  <!-- Q16(c) Broker-dealers -->
  <BeneficiallyOwnedByBrokerDealersPercent> PercentType </BeneficiallyOwnedByBrokerDealersPercent> [1]
  <!-- Q16(d) Insurance companies -->
  <BeneficiallyOwnedByInsuranceCompaniesPercent> PercentType </BeneficiallyOwnedByInsuranceCompaniesPercent> [1]
  <!-- Q16(e) Investment companies registered with the SEC -->
  <BeneficiallyOwnedByInvestmentCompaniesPercent> PercentType </BeneficiallyOwnedByInvestmentCompaniesPercent> [1]
  <!-- Q16(f) Private funds -->
  <BeneficiallyOwnedByPrivateFundsPercent> PercentType </BeneficiallyOwnedByPrivateFundsPercent> [1]

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<!-- Q16(g) Non-profits -->
<BeneficiallyOwnedByNonProfitsPercent> PercentType </BeneficiallyOwnedByNonProfitsPercent> [1]
<!-- Q16(h) Pension plans -->
<BeneficiallyOwnedByPensionPlansPercent> PercentType </BeneficiallyOwnedByPensionPlansPercent> [1]
<!-- Q16(i) Banking or thrift institutions -->
<BeneficiallyOwnedByBankingInstitutionsPercent> PercentType </BeneficiallyOwnedByBankingInstitutionsPercent> [1]
<!-- Q16(j) State or municipal government entities -->
<BeneficiallyOwnedByGovernmentEntitiesPercent> PercentType </BeneficiallyOwnedByGovernmentEntitiesPercent> [1]
<!-- Q16(k) State or municipal governmental pension plans -->
<BeneficiallyOwnedByGovernmentPensionsPercent> PercentType </BeneficiallyOwnedByGovernmentPensionsPercent> [1]
<!-- Q16(l) Sovereign wealth funds and foreign official institutions -->
<BeneficiallyOwnedByForeignInstitutionsPercent> PercentType </BeneficiallyOwnedByForeignInstitutionsPercent> [1]
<!-- Q16(m) Investors that are not United States persons and about which beneficial ownership information is not
known and cannot reasonably be obtained because the beneficial interest is held through a chain -->
<BeneficiallyOwnedByNonUSIntermediariesPercent> PercentType </BeneficiallyOwnedByNonUSIntermediariesPercent> [1]
<!-- Q16(n) Other -->
<BeneficiallyOwnedByOthersPercent> PercentType </BeneficiallyOwnedByOthersPercent> [1]
</...>

```

Schema Component Representation

```

<xsd:complexType name="PFSection1bItemBFundAssetType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="GrossAssetValue" type="LongRestricted15Type"/>
    <xsd:element name="NetAssetValue" type="LongRestricted15Type"/>
    <xsd:element name="EquityValueInOtherFunds" type="LongRestricted15Type"/>
    <xsd:element name="ParallelManagedAccountValue" type="LongRestricted15Type"/>
    <xsd:element name="BorrowedTotalAmount" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="BorrowedFromUSFinancialInstitutionAmount" type="PercentType" minOccurs="0"/>
    <xsd:element name="BorrowedFromNonUSFinancialInstitutionAmount" type="PercentType" minOccurs="0"/>
    <xsd:element name="BorrowedFromUSNonFinancialInstitutionAmount" type="PercentType" minOccurs="0"/>
    <xsd:element name="BorrowedFromNonUSNonFinancialInstitutionAmount" type="PercentType" minOccurs="0"/>
    <xsd:element name="HasDerivativesPositions" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="DerivativesPositionsValue" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel1AssetsAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel2AssetsAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel3AssetsAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="CostBasedAssetsAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel1LiabilitiesAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel2LiabilitiesAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel3LiabilitiesAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="CostBasedLiabilitiesAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="BeneficiallyOwnedByTop5Percent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByUSPersonsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByNonUSPersonsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByBrokerDealersPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByInsuranceCompaniesPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByInvestmentCompaniesPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByPrivateFundsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByNonProfitsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByPensionPlansPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByBankingInstitutionsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByGovernmentEntitiesPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByGovernmentPensionsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByForeignInstitutionsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByNonUSIntermediariesPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByOthersPercent" type="PercentType"/>
  </xsd:sequence>
</xsd:complexType>

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Complex Type: PFSection1bItemCFundPerformanceType

Super-types: None

Sub-types: None

Name PFSection1bItemCFundPerformanceType

Abstract no

XML Instance Representation

```
<...>
  <!-- Private fund identification number of the reporting fund for this section that is already included in the PFFund
  node list -->
  <FundID> FundIDType </FundID> [1]
  <!-- Section 1b - Item C - Q17(a) 1st month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth1> DateNAExType </LastFiscalDateMonth1> [0..1]
  <!-- Section 1b - Item C - Q17(a) 1st month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth1> DecimalNAExRestricted10p2Type </GrossValueMonth1> [0..1]
  <!-- Section 1b - Item C - Q17(a) 1st month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth1> DecimalNAExRestricted10p2Type </NetValueMonth1> [0..1]
  <!-- Section 1b - Item C - Q17(b) 2nd month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth2> DateNAExType </LastFiscalDateMonth2> [0..1]
  <!-- Section 1b - Item C - Q17(b) 2nd month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth2> DecimalNAExRestricted10p2Type </GrossValueMonth2> [0..1]
  <!-- Section 1b - Item C - Q17(b) 2nd month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth2> DecimalNAExRestricted10p2Type </NetValueMonth2> [0..1]
  <!-- Section 1b - Item C - Q17(c) 3rd month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth3> DateNAExType </LastFiscalDateMonth3> [0..1]
  <!-- Section 1b - Item C - Q17(c) 3rd month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth3> DecimalNAExRestricted10p2Type </GrossValueMonth3> [0..1]
  <!-- Section 1b - Item C - Q17(c) 3rd month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth3> DecimalNAExRestricted10p2Type </NetValueMonth3> [0..1]
  <!-- Section 1b - Item C - Q17(d) First quarter - Last day of fiscal period -->
  <LastFiscalDateQuarter1> DateNAExType </LastFiscalDateQuarter1> [0..1]
  <!-- Section 1b - Item C - Q17(d) First quarter - Gross performance -->
  <GrossValueQuarter1> DecimalNAExRestricted10p2Type </GrossValueQuarter1> [0..1]
  <!-- Section 1b - Item C - Q17(d) First quarter - Net of management fees and incentive fees and allocations -->
  <NetValueQuarter1> DecimalNAExRestricted10p2Type </NetValueQuarter1> [0..1]
  <!-- Section 1b - Item C - Q17(e) 4th month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth4> DateNAExType </LastFiscalDateMonth4> [0..1]
  <!-- Section 1b - Item C - Q17(e) 4th month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth4> DecimalNAExRestricted10p2Type </GrossValueMonth4> [0..1]
  <!-- Section 1b - Item C - Q17(e) 4th month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth4> DecimalNAExRestricted10p2Type </NetValueMonth4> [0..1]
  <!-- Section 1b - Item C - Q17(f) 5th month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth5> DateNAExType </LastFiscalDateMonth5> [0..1]
  <!-- Section 1b - Item C - Q17(f) 5th month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth5> DecimalNAExRestricted10p2Type </GrossValueMonth5> [0..1]
  <!-- Section 1b - Item C - Q17(f) 5th month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth5> DecimalNAExRestricted10p2Type </NetValueMonth5> [0..1]
  <!-- Section 1b - Item C - Q17(g) 6th month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth6> DateNAExType </LastFiscalDateMonth6> [0..1]
  <!-- Section 1b - Item C - Q17(g) 6th month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth6> DecimalNAExRestricted10p2Type </GrossValueMonth6> [0..1]
  <!-- Section 1b - Item C - Q17(g) 6th month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth6> DecimalNAExRestricted10p2Type </NetValueMonth6> [0..1]
  <!-- Section 1b - Item C - Q17(h) Second quarter - Last day of fiscal period -->
  <LastFiscalDateQuarter2> DateNAExType </LastFiscalDateQuarter2> [0..1]
  <!-- Section 1b - Item C - Q17(h) Second quarter - Gross performance -->
  <GrossValueQuarter2> DecimalNAExRestricted10p2Type </GrossValueQuarter2> [0..1]

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<!-- Section 1b - Item C - Q17(h) Second quarter - Net of management fees and incentive fees and allocations -->
<NetValueQuarter2> DecimalNAExRestricted10p2Type </NetValueQuarter2> [0..1]
<!-- Section 1b - Item C - Q17(i) 7th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth7> DateNAExType </LastFiscalDateMonth7> [0..1]
<!-- Section 1b - Item C - Q17(i) 7th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth7> DecimalNAExRestricted10p2Type </GrossValueMonth7> [0..1]
<!-- Section 1b - Item C - Q17(i) 7th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth7> DecimalNAExRestricted10p2Type </NetValueMonth7> [0..1]
<!-- Section 1b - Item C - Q17(j) 8th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth8> DateNAExType </LastFiscalDateMonth8> [0..1]
<!-- Section 1b - Item C - Q17(j) 8th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth8> DecimalNAExRestricted10p2Type </GrossValueMonth8> [0..1]
<!-- Section 1b - Item C - Q17(j) 8th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth8> DecimalNAExRestricted10p2Type </NetValueMonth8> [0..1]
<!-- Section 1b - Item C - Q17(k) 9th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth9> DateNAExType </LastFiscalDateMonth9> [0..1]
<!-- Section 1b - Item C - Q17(k) 9th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth9> DecimalNAExRestricted10p2Type </GrossValueMonth9> [0..1]
<!-- Section 1b - Item C - Q17(k) 9th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth9> DecimalNAExRestricted10p2Type </NetValueMonth9> [0..1]
<!-- Section 1b - Item C - Q17(l) Third quarter - Last day of fiscal period -->
<LastFiscalDateQuarter3> DateNAExType </LastFiscalDateQuarter3> [0..1]
<!-- Section 1b - Item C - Q17(l) Third quarter - Gross performance -->
<GrossValueQuarter3> DecimalNAExRestricted10p2Type </GrossValueQuarter3> [0..1]
<!-- Section 1b - Item C - Q17(l) Third quarter - Net of management fees and incentive fees and allocations -->
<NetValueQuarter3> DecimalNAExRestricted10p2Type </NetValueQuarter3> [0..1]
<!-- Section 1b - Item C - Q17(m) 10th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth10> DateNAExType </LastFiscalDateMonth10> [0..1]
<!-- Section 1b - Item C - Q17(m) 10th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth10> DecimalNAExRestricted10p2Type </GrossValueMonth10> [0..1]
<!-- Section 1b - Item C - Q17(m) 10th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth10> DecimalNAExRestricted10p2Type </NetValueMonth10> [0..1]
<!-- Section 1b - Item C - Q17(n) 11th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth11> DateNAExType </LastFiscalDateMonth11> [0..1]
<!-- Section 1b - Item C - Q17(n) 11th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth11> DecimalNAExRestricted10p2Type </GrossValueMonth11> [0..1]
<!-- Section 1b - Item C - Q17(n) 11th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth11> DecimalNAExRestricted10p2Type </NetValueMonth11> [0..1]
<!-- Section 1b - Item C - Q17(o) 12th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth12> DateNAExType </LastFiscalDateMonth12> [0..1]
<!-- Section 1b - Item C - Q17(o) 12th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth12> DecimalNAExRestricted10p2Type </GrossValueMonth12> [0..1]
<!-- Section 1b - Item C - Q17(o) 12th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth12> DecimalNAExRestricted10p2Type </NetValueMonth12> [0..1]
<!-- Section 1b - Item C - Q17(p) Fourth quarter - Last day of fiscal period -->
<LastFiscalDateQuarter4> DateNAExType </LastFiscalDateQuarter4> [0..1]
<!-- Section 1b - Item C - Q17(p) Fourth quarter - Gross performance -->
<GrossValueQuarter4> DecimalNAExRestricted10p2Type </GrossValueQuarter4> [0..1]
<!-- Section 1b - Item C - Q17(p) Fourth quarter - Net of management fees and incentive fees and allocations -->
<NetValueQuarter4> DecimalNAExRestricted10p2Type </NetValueQuarter4> [0..1]
<!-- Section 1b - Item C - Q17(q) Reporting fund's most recently completed fiscal year - Last day of fiscal period --
>
<LastFiscalDateYear> DateNAExType </LastFiscalDateYear> [0..1]
<!-- Section 1b - Item C - Q17(q) Reporting fund's most recently completed fiscal year - Gross performance -->
<GrossValueYear> DecimalNAExRestricted10p2Type </GrossValueYear> [0..1]
<!-- Section 1b - Item C - Q17(q) Reporting fund's most recently completed fiscal year - Net of management fees and
incentive fees and allocations -->
<NetValueYear> DecimalNAExRestricted10p2Type </NetValueYear> [0..1]
</...>

```


Schema Component Representation

```
<xsd:complexType name="PFSection1bItemCFundPerformanceType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="LastFiscalDateMonth1" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth1" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth1" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth2" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth2" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth2" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth3" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth3" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth3" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateQuarter1" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueQuarter1" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueQuarter1" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth4" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth4" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth4" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth5" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth5" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth5" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="NetValueMonth7" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="NetValueMonth8" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth9" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth9" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth9" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateQuarter3" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueQuarter3" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueQuarter3" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth10" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth10" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth10" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth11" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth11" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth11" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth12" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth12" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth12" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateQuarter4" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueQuarter4" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueQuarter4" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateYear" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueYear" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueYear" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1cItemBHedgeFundInfoCounterPartyDollarType

Super-types:	None
Sub-types:	None

Name	PFSection1cItemBHedgeFundInfoCounterPartyDollarType
Abstract	no
Documentation	This type is for both Q23 and Q37.

XML Instance Representation

```
<...>
  <!-- Counterparty credit exposure type, measured in U.S. dollars
        allowed value: Dollar -->
  <CounterpartyType> xs:string (value comes from list: {'Dollar'}) </CounterpartyType> [1]
  <!-- Q23 - Legal name of the counterparty -->
  <CounterpartyLegalName> StringRestricted256Type </CounterpartyLegalName> [1]
  <!-- Q23 - Major Financial Institution the counterparty is affiliated with -->
  <CounterpartyAffiliatedInstitutionCode> MajorFinInstType </CounterpartyAffiliatedInstitutionCode> [1]
  <!-- Q23 - 'Other' description when Major Financial Institution the counterparty affiliated with is provided as (32)
  Other -->
  <CounterpartyAffiliatedInstitutionOtherName> StringRestricted256Type </CounterpartyAffiliatedInstitutionOtherName>
  [0..1]
  <!-- counterparty detail-item:
        Exposure (in U.S. dollars) for Q23 -->
  <CounterpartyExposure> PositiveDecimalNAExRestricted15p0Type </CounterpartyExposure> [1]
  <!-- Q37 for each of the Counterparty entered in Q23 respectively -->
  <Section2bItemBCounterPartyQ36Q37> PFSection2bItemBCounterPartyQ36Q37Type </Section2bItemBCounterPartyQ36Q37> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1cItemBHedgeFundInfoCounterPartyDollarType">
  <xsd:sequence>
    <xsd:element name="CounterpartyType" default="Dollar" minOccurs="1" maxOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xs:string">
          <xsd:enumeration value="Dollar"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="CounterpartyLegalName" type="StringRestricted256Type" minOccurs="1"/>
    <xsd:element name="CounterpartyAffiliatedInstitutionCode" type="MajorFinInstType" minOccurs="1"/>
    <xsd:element name="CounterpartyAffiliatedInstitutionOtherName" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="CounterpartyExposure" type="PositiveDecimalNAExRestricted15p0Type" minOccurs="1"/>
    <xsd:element name="Section2bItemBCounterPartyQ36Q37" type="PFSection2bItemBCounterPartyQ36Q37Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1cItemBHedgeFundInfoCounterPartyPercentType

Super-types:	None
Sub-types:	None

Name	PFSection1cItemBHedgeFundInfoCounterPartyPercentType
Abstract	no
Documentation	This type is for both Q22 and Q36.

XML Instance Representation

```
<...>
  <!-- Counterparty credit exposure type, measured as a percentage
        allowed value: Percent -->
  <CounterpartyType> xs:string (value comes from list: {'Percent'}) </CounterpartyType> [1]
  <!-- Q22 - Legal name of the counterparty -->
  <CounterpartyLegalName> StringRestricted256Type </CounterpartyLegalName> [1]
  <!-- Q22 - Major Financial Institution the counterparty is affiliated with -->
  <CounterpartyAffiliatedInstitutionCode> MajorFinInstType </CounterpartyAffiliatedInstitutionCode> [1]
  <!-- Q22 - 'Other' description when Major Financial Institution the counterparty affiliated with is provided as (32)
  Other -->
  <CounterpartyAffiliatedInstitutionOtherName> StringRestricted256Type </CounterpartyAffiliatedInstitutionOtherName>
  [0..1]
  <!-- counterparty detail-item:
        Exposure (% of reporting fund's net asset value) for Q22 -->
  <CounterpartyExposure> UnsignedDecimalNAExRestricted15Type </CounterpartyExposure> [1]
  <!-- Q36 for each of the Counterparty entered in Q22 -->
  <Section2bItemBCounterPartyQ36Q37> PFSection2bItemBCounterPartyQ36Q37Type </Section2bItemBCounterPartyQ36Q37> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1cItemBHedgeFundInfoCounterPartyPercentType">
  <xsd:sequence>
    <xsd:element name="CounterpartyType" default="Percent" minOccurs="1" maxOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xs:string">
          <xsd:enumeration value="Percent"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="CounterpartyLegalName" type="StringRestricted256Type" minOccurs="1"/>
    <xsd:element name="CounterpartyAffiliatedInstitutionCode" type="MajorFinInstType" minOccurs="1"/>
    <xsd:element name="CounterpartyAffiliatedInstitutionOtherName" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="CounterpartyExposure" type="UnsignedDecimalNAExRestricted15Type" minOccurs="1"/>
    <xsd:element name="Section2bItemBCounterPartyQ36Q37" type="PFSection2bItemBCounterPartyQ36Q37Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1cItemBHedgeFundInfoStrategyType

Super-types:	None
Sub-types:	None

Name	PFSection1cItemBHedgeFundInfoStrategyType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q20, code of the investment strategy name -->
  <StrategyType> StrategyNameType </StrategyType> [1]
  <!-- Q20, boolean indicator for confirming the selection of above strategy type -->
  <StrategyChecked> xs:boolean </StrategyChecked> [1]
  <!-- Q20 - % of NAV(required) -->
  <StrategyNAVPercent> PositiveLongRestricted15Type </StrategyNAVPercent> [1]
  <!-- Q20 - % of capital(optional) -->
  <StrategyCapitalPercent> PositiveLongRestricted15Type </StrategyCapitalPercent> [0..1]
  <!-- Q20 Description, this is required when StrategyType provided is 22 (Other) -->
  <StrategyOtherDescription> StringRestricted256Type </StrategyOtherDescription> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1cItemBHedgeFundInfoStrategyType">
  <xsd:sequence>
    <xsd:element name="StrategyType" type="StrategyNameType"/>
    <xsd:element name="StrategyChecked" type="xs:boolean"/>
    <xsd:element name="StrategyNAVPercent" type="PositiveLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="StrategyCapitalPercent" type="PositiveLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="StrategyOtherDescription" type="StringRestricted256Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection1cItemBHedgeFundInfoType

Super-types: None

Sub-types: None

Name	PFSection1cItemBHedgeFundInfoType
Abstract	no
Documentation	This type also encompasses Q36 and Q37. Q36 is answered along with Q22, and Q37 is answered along with Q23.

XML Instance Representation

```
<...>
  <!-- Private fund identification number of the reporting fund for this section that is already included in the PFFund
  node list -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q19: reporting fund's investment strategy: Single(S) or Multiple(M) -->
  <StrategyTypeSM> TradingStrategyType </StrategyTypeSM> [0..1]
  <!-- Q21: During the reporting period, approximately what percentage of the reporting fund's net asset value was
  managed using high-frequency trading strategies? -->
  <StrategyHighFrequencyTradingPercent> HighFreqTradingStrategyType </StrategyHighFrequencyTradingPercent> [0..1]
  <!-- Q24(a) Estimated % of securities - OTC -->
  <SecuritiesTradedOTCPercent> PercentNAType </SecuritiesTradedOTCPercent> [0..1]
  <!-- Q24(a) Estimated % of securities - On a regulated exchange -->
  <SecuritiesTradedExchangePercent> PercentNAType </SecuritiesTradedExchangePercent> [0..1]
  <!-- Q24(b) Estimated % of derivatives - OTC -->
  <DerivativesTradedOTCPercent> PercentNAType </DerivativesTradedOTCPercent> [0..1]
  <!-- Q24(b) Estimated % of derivatives - On a regulated exchange -->
  <DerivativesTradedExchangePercent> PercentNAType </DerivativesTradedExchangePercent> [0..1]
  <!-- Q24(c) Estimated % of derivatives - Cleared by a CCP -->
  <DerivativesTradedCCPClearedPercent> PercentNAType </DerivativesTradedCCPClearedPercent> [0..1]
  <!-- Q24(c) Estimated % of derivatives - Bilaterally transacted (i.e., not cleared by a CCP) -->
  <DerivativesTradedNotCCPClearedPercent> PercentNAType </DerivativesTradedNotCCPClearedPercent> [0..1]
  <!-- Q24(d) Estimated % of repo trades - Cleared by a CCP -->
  <RepoTradedCCPClearedPercent> PercentNAType </RepoTradedCCPClearedPercent> [0..1]
  <!-- Q24(d) Estimated % of repo trades - Bilaterally transacted (i.e., not cleared by a CCP) -->
  <RepoTradedNotCCPClearedPercent> PercentNAType </RepoTradedNotCCPClearedPercent> [0..1]
  <!-- Q24(d) Estimated % of repo trades - Constitute a tri-party repo -->
  <RepoTradedTriPartyRepoPercent> PercentNAType </RepoTradedTriPartyRepoPercent> [0..1]
  <!-- Q25: Percentage of the reporting fund's net asset value relates to transactions that are not described in any of
  the categories listed in items (a) through (d) of Q24 -->
  <OtherTransactionPercent> UnsignedLongRestricted15Type </OtherTransactionPercent> [0..1]
  <!-- Q20: Investment strategies that best describe the reporting fund's investments
  For each strategy that you indicate, you must provide a good faith estimate of the percentage of the reporting
  fund's net asset value (NAV) represented by that strategy -->
  <Strategies> [0..1]
    <PFSection1cItemBHedgeFundInfoStrategy> PFSection1cItemBHedgeFundInfoStrategyType
    </PFSection1cItemBHedgeFundInfoStrategy> [1..*]
  </Strategies>
  <!-- Q23: Counterparties that have the greatest mark-to-market net counterparty credit exposure to the reporting
  fund, measured in U.S. dollars
  You can provide upto 5 counterparties -->
  <CounterPartiesDollar> [0..1]
    <PFSection1cItemBHedgeFundInfoCounterParty> PFSection1cItemBHedgeFundInfoCounterPartyDollarType
    </PFSection1cItemBHedgeFundInfoCounterParty> [0..5]
  </CounterPartiesDollar>
  <!-- Q22: Counterparties to which the reporting fund has the greatest mark-to-market net counterparty credit
  exposure, measured as a percentage of the reporting fund's net asset value
  You can provide upto 5 counterparties -->
  <CounterPartiesPercent> [0..1]
    <PFSection1cItemBHedgeFundInfoCounterParty> PFSection1cItemBHedgeFundInfoCounterPartyPercentType
    </PFSection1cItemBHedgeFundInfoCounterParty> [0..5]
  </CounterPartiesPercent>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1cItemBHedgeFundInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="StrategyTypeSM" type="TradingStrategyType" minOccurs="0"/>
    <xsd:element name="StrategyHighFrequencyTradingPercent" type="HighFreqTradingStrategyType" minOccurs="0"/>
    <xsd:element name="SecuritiesTradedOTCPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="SecuritiesTradedExchangePercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="DerivativesTradedOTCPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="DerivativesTradedExchangePercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="DerivativesTradedCCPClearedPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="DerivativesTradedNotCCPClearedPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="RepoTradedCCPClearedPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="RepoTradedNotCCPClearedPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="RepoTradedTriPartyRepoPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="OtherTransactionPercent" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="Strategies" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection1cItemBHedgeFundInfoStrategy" type="PFSection1cItemBHedgeFundInfoStrategyType"
            maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="CounterPartiesDollar" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection1cItemBHedgeFundInfoCounterParty"
            type="PFSection1cItemBHedgeFundInfoCounterPartyDollarType" minOccurs="0" maxOccurs="5"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="CounterPartiesPercent" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection1cItemBHedgeFundInfoCounterParty"
            type="PFSection1cItemBHedgeFundInfoCounterPartyPercentType" minOccurs="0" maxOccurs="5"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType

Super-types: None

Sub-types: None

Name PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType

Abstract no

Documentation Elements of this type represent Q26: Measure Type.

XML Instance Representation

```
<...>
  <!-- Q26: 1st Month LV -->
  <Month1LV> DecimalNAExRestricted15p2RequiredDecimalType </Month1LV> [0..1]
  <!-- Q26: 1st Month SV -->
  <Month1SV> DecimalNAExRestricted15p2RequiredDecimalType </Month1SV> [0..1]
  <!-- Q26: 2nd Month LV -->
  <Month2LV> DecimalNAExRestricted15p2RequiredDecimalType </Month2LV> [0..1]
  <!-- Q26: 2nd Month SV -->
  <Month2SV> DecimalNAExRestricted15p2RequiredDecimalType </Month2SV> [0..1]
  <!-- Q26: 3rd Month LV -->
  <Month3LV> DecimalNAExRestricted15p2RequiredDecimalType </Month3LV> [0..1]
  <!-- Q26: 3rd Month SV -->
  <Month3SV> DecimalNAExRestricted15p2RequiredDecimalType </Month3SV> [0..1]
  <!-- Q26: Measure -->
  <InvestmentGradeMeasureCode> InvestmentGradeMeasureCodeType </InvestmentGradeMeasureCode> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType">
  <xsd:sequence>
    <xsd:element name="Month1LV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month1SV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month2LV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month2SV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month3LV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month3SV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="InvestmentGradeMeasureCode" type="InvestmentGradeMeasureCodeType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType

Super-types:	None
Sub-types:	None

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
Abstract	no
Documentation	Elements of this type represent Q26: Non Measure Type.

XML Instance Representation

```
<...>
  <!-- Q26: 1st Month LV -->
  <Month1LV> UnsignedDecimalNAExRestricted15p2Type </Month1LV> [0..1]
  <!-- Q26: 1st Month SV -->
  <Month1SV> UnsignedDecimalNAExRestricted15p2Type </Month1SV> [0..1]
  <!-- Q26: 2nd Month LV -->
  <Month2LV> UnsignedDecimalNAExRestricted15p2Type </Month2LV> [0..1]
  <!-- Q26: 2nd Month SV -->
  <Month2SV> UnsignedDecimalNAExRestricted15p2Type </Month2SV> [0..1]
  <!-- Q26: 3rd Month LV -->
  <Month3LV> UnsignedDecimalNAExRestricted15p2Type </Month3LV> [0..1]
  <!-- Q26: 3rd Month SV -->
  <Month3SV> UnsignedDecimalNAExRestricted15p2Type </Month3SV> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType">
  <xsd:sequence>
    <xsd:element name="Month1LV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month1SV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month2LV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month2SV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month3LV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month3SV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type

Super-types: None

Sub-types:

- [PFSection2bItemBHedgeFundExposureTradingPart1Type](#) (by extension)

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type
Abstract	no
Documentation	Elements of this type represent Q26 Part1: Exposure of hedge fund assets (Listed equity to convertible bonds).

XML Instance Representation

```
<...>
  <!-- Q26 Part1: Listed equity issued by financial institutions -->
  <ListedEquityIssuedByFinancialInstitutions> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </ListedEquityIssuedByFinancialInstitutions> [0..1]

  <!-- Q26 Part1: Other listed equity -->
  <ListedEquityOtherListedEquity> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </ListedEquityOtherListedEquity> [0..1]

  <!-- Q26 Part1: Unlisted equity issued by financial institutions -->
  <UnlistedEquityIssuedByFinancialInstitutions> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </UnlistedEquityIssuedByFinancialInstitutions> [0..1]

  <!-- Q26 Part1: Other unlisted equity -->
  <UnlistedEquityOtherUnlistedEquity> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </UnlistedEquityOtherUnlistedEquity> [0..1]

  <!-- Q26 Part1: Listed equity derivatives related to financial institutions -->
  <ListedEquityDerivativesRelatedToFinancialInstitutions>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </ListedEquityDerivativesRelatedToFinancialInstitutions> [0..1]

  <!-- Q26 Part1: Other listed equity derivatives -->
  <ListedEquityDerivativesOtherListedEquityDerivatives>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </ListedEquityDerivativesOtherListedEquityDerivatives> [0..1]

  <!-- Q26 Part1: Derivative exposures to unlisted equities related to financial institutions -->
  <DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions> [0..1]

  <!-- Q26 Part1: Other derivative exposures to unlisted equities -->
  <DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities> [0..1]

  <!-- Q26 Part1: Corporate bonds issued by financial institutions - Investment grade -->
  <CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade> [0..1]

  <!-- Q26 Part1: Corporate bonds issued by financial institutions - Investment grade - Measure -->
  <CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
  </CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure> [0..1]

  <!-- Q26 Part1: Corporate bonds issued by financial institutions - Non-investment grade -->
  <CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade> [0..1]

  <!-- Q26 Part1: Corporate bonds issued by financial institutions - Non-investment grade - Measure -->
  <CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
  </CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure> [0..1]

  <!-- Q26 Part1: Corporate bonds not issued by financial institutions - Investment grade -->
  <CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade> [0..1]

  <!-- Q26 Part1: Corporate bonds not issued by financial institutions - Investment grade - Measure -->
  <CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
  </CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure> [0..1]

  <!-- Q26 Part1: Corporate bonds not issued by financial institutions - Non-investment grade -->
  <CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade> [0..1]
```

```
<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Non-investment grade - Measure -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Investment grade -->
<ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Investment grade - Measure -->
<ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Non-investment grade -->
<ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Non-investment grade - Measure -->
<ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Investment grade -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Investment grade - Measure -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Non-investment grade -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Non-investment grade - Measure -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure> [0..1]
</...>
```

```

<xsd:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type">
  <xsd:sequence>
    <xsd:element name="ListedEquityIssuedByFinancialInstitutions"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ListedEquityOtherListedEquity"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="UnlistedEquityIssuedByFinancialInstitutions"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="UnlistedEquityOtherUnlistedEquity"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ListedEquityDerivativesRelatedToFinancialInstitutions"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ListedEquityDerivativesOtherListedEquityDerivatives"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element
      name="CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure"
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    <xsd:element name="ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade"
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    <xsd:element name="ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

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Complex Type: PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type

Super-types: None

Sub-types:

- [PFSection2bItemBHedgeFundExposureTradingPart2Type](#) (by extension)

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type
Abstract	no

XML Instance Representation

```
<...>
<!-- Q26 Part2: Sovereign bonds and municipal bonds - U.S. treasury securities -->
<SovereignBondsUSTreasurySecurities> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsUSTreasurySecurities> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - U.S. treasury securities - Measure -->
<SovereignBondsUSTreasurySecuritiesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsUSTreasurySecuritiesMeasure> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - Agency securities -->
<SovereignBondsAgencySecurities> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsAgencySecurities> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - Agency securities - Measure -->
<SovereignBondsAgencySecuritiesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsAgencySecuritiesMeasure> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - GSE bonds -->
<SovereignBondsGSEBonds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsGSEBonds> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - GSE bonds - Measure -->
<SovereignBondsGSEBondsMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsGSEBondsMeasure> [0..1]
<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S -->
<SovereignBondsNonUSG10Countries> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsNonUSG10Countries> [0..1]
<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S - Measure -->
<SovereignBondsNonUSG10CountriesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsNonUSG10CountriesMeasure> [0..1]
<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) -->
<SovereignBondsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </SovereignBondsOther>
[0..1]
<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) - Measure -->
<SovereignBondsOtherMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsOtherMeasure> [0..1]
<!-- Q26 Part2: U.S. state and local bonds -->
<MunicipalBondsUSStateLocal> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</MunicipalBondsUSStateLocal> [0..1]
<!-- Q26 Part2: U.S. state and local bonds - Measure -->
<MunicipalBondsUSStateLocalMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</MunicipalBondsUSStateLocalMeasure> [0..1]
<!-- Q26 Part2: Loans - Leveraged loans -->
<LoansLeveraged> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </LoansLeveraged> [0..1]
<!-- Q26 Part2: Loans - Leveraged loans - Measure -->
<LoansLeveragedMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </LoansLeveragedMeasure>
[0..1]
<!-- Q26 Part2: Loans - Other loans (not including repos) -->
<LoansOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </LoansOther> [0..1]
<!-- Q26 Part2: Loans - Other loans - Measure -->
<LoansOtherMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </LoansOtherMeasure> [0..1]
<!-- Q26 Part2: Repos -->
<Repos> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </Repos> [0..1]
<!-- Q26 Part2: Repos - Measure -->
<ReposMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </ReposMeasure> [0..1]
<!-- Q26 Part2: ABS/structured products - MBS -->
<StructuredProductsMBS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </StructuredProductsMBS>
[0..1]
<!-- Q26 Part2: ABS/structured products - MBS - Measure -->
<StructuredProductsMBSMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsMBSMeasure> [0..1]

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```
<!-- Q26 Part2: ABS/structured products - ABCP -->
<StructuredProductsABCP> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsABCP> [0..1]

<!-- Q26 Part2: ABS/structured products - ABCP - Measure -->
<StructuredProductsABCPMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsABCPMeasure> [0..1]

<!-- Q26 Part2: ABS/structured products - CDO/CLO -->
<StructuredProductsCDOCLO> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsCDOCLO> [0..1]

<!-- Q26 Part2: ABS/structured products - CDO/CLO - Measure -->
<StructuredProductsCDOCLOMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsCDOCLOMeasure> [0..1]

<!-- Q26 Part2: Other ABS -->
<StructuredProductsOtherABS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsOtherABS> [0..1]

<!-- Q26 Part2: Other ABS - Measure -->
<StructuredProductsOtherABSMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsOtherABSMeasure> [0..1]

<!-- Q26 Part2: Other structured products -->
<StructuredProductsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsOther> [0..1]

</...>
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Schema Component Representation

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    <xsd:element name="SovereignBondsUSTreasurySecuritiesMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="SovereignBondsAgencySecurities"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="SovereignBondsAgencySecuritiesMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="SovereignBondsGSEBonds"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="SovereignBondsGSEBondsMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="SovereignBondsNonUSG10Countries"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="SovereignBondsNonUSG10CountriesMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="SovereignBondsOther" type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType"
      minOccurs="0" maxOccurs="1"/>
    <xsd:element name="SovereignBondsOtherMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MunicipalBondsUSStateLocal"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MunicipalBondsUSStateLocalMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="LoansLeveraged" type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType"
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    <xsd:element name="LoansLeveragedMeasure" type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType"
      minOccurs="0" maxOccurs="1"/>
    <xsd:element name="LoansOther" type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType"
      minOccurs="0" maxOccurs="1"/>
    <xsd:element name="LoansOtherMeasure" type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType"
      minOccurs="0" maxOccurs="1"/>
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      maxOccurs="1"/>
    <xsd:element name="ReposMeasure" type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType"
      minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsMBS"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsMBSMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsABCP"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsABCPMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsCDOCLCLO"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsCDOCLCLOMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsOtherABS"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsOtherABSMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="StructuredProductsOther"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
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</xsd:complexType>

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Complex Type: PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type

Super-types: None

Sub-types:

- [PFSection2bItemBHedgeFundExposureTradingPart3Type](#) (by extension)

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type
Abstract	no
Documentation	Elements of this type represent Q26 Part3: Exposure of hedge fund assets (Credit derivatives to Investments).

XML Instance Representation

```
<...>
  <!-- Q26 Part3: Credit derivatives - Single name CDS -->
  <CreditDerivativesSingleNameCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CreditDerivativesSingleNameCDS> [0..1]

  <!-- Q26 Part3: Credit derivatives - Index CDS -->
  <CreditDerivativesIndexCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CreditDerivativesIndexCDS> [0..1]

  <!-- Q26 Part3: Credit derivatives - Exotic CDS -->
  <CreditDerivativesExoticCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CreditDerivativesExoticCDS> [0..1]

  <!-- Q26 Part3: Foreign exchange derivatives (investment) -->
  <ForeignExchangeDerivativesInvestment> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </ForeignExchangeDerivativesInvestment> [0..1]

  <!-- Q26 Part3: Foreign exchange derivatives (hedging) -->
  <ForeignExchangeDerivativesHedging> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </ForeignExchangeDerivativesHedging> [0..1]

  <!-- Q26 Part3: Non-U.S. currency holdings -->
  <NonUSCurrencyHoldings> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </NonUSCurrencyHoldings>
  [0..1]

  <!-- Q26 Part3: Interest rate derivatives -->
  <InterestRateDerivatives> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </InterestRateDerivatives> [0..1]

  <!-- Q26 Part3: Commodities (derivatives) - Crude oil -->
  <CommoditiesDerivativesCrudeOil> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesCrudeOil> [0..1]

  <!-- Q26 Part3: Commodities (derivatives) - Natural gas -->
  <CommoditiesDerivativesNaturalGas> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesNaturalGas> [0..1]

  <!-- Q26 Part3: Commodities (derivatives) - Gold -->
  <CommoditiesDerivativesGold> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesGold> [0..1]

  <!-- Q26 Part3: Commodities (derivatives) - Power -->
  <CommoditiesDerivativesPower> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesPower> [0..1]

  <!-- Q26 Part3: Commodities (derivatives) - Other commodities -->
  <CommoditiesDerivativesOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesOther> [0..1]

  <!-- Q26 Part3: Commodities (physical) - Crude oil -->
  <CommoditiesPhysicalCrudeOil> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalCrudeOil> [0..1]

  <!-- Q26 Part3: Commodities (physical) - Natural gas -->
  <CommoditiesPhysicalNaturalGas> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalNaturalGas> [0..1]

  <!-- Q26 Part3: Commodities (physical) - Gold -->
  <CommoditiesPhysicalGold> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalGold> [0..1]

  <!-- Q26 Part3: Commodities (physical) - Power -->
  <CommoditiesPhysicalPower> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalPower> [0..1]

  <!-- Q26 Part3: Commodities (physical) - Other commodities -->
  <CommoditiesPhysicalOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalOther> [0..1]

  <!-- Q26 Part3: Other derivatives -->
  <OtherDerivatives> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </OtherDerivatives> [0..1]

  <!-- Q26 Part3: Physical real estate -->
  <PhysicalRealEstate> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </PhysicalRealEstate> [0..1]

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```
<!-- Q26 Part3: Investments in internal private funds -->
<InvestmentsInInternalPrivateFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInInternalPrivateFunds> [0..1]

<!-- Q26 Part3: Investments in external private funds -->
<InvestmentsInExternalPrivateFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInExternalPrivateFunds> [0..1]

<!-- Q26 Part3: Investments in registered investment companies -->
<InvestmentsInRegisteredInvestmentCompanies> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInRegisteredInvestmentCompanies> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit -->
<CashEquivalentsCD> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </CashEquivalentsCD> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit - Measure -->
<CashEquivalentsCDMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CashEquivalentsCDMeasure> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Other deposits -->
<CashEquivalentsOtherDeposits> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CashEquivalentsOtherDeposits> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Money market funds -->
<CashEquivalentsMoneyMarketFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CashEquivalentsMoneyMarketFunds> [0..1]

<!-- Q26 Part3: Other cash and cash equivalents -->
<CashEquivalentsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </CashEquivalentsOther>
[0..1]

<!-- Q26 Part3: Investments in funds for cash management purposes -->
<InvestmentsNonMoneyMarketFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsNonMoneyMarketFunds> [0..1]

<!-- Q26 Part3: Investments in other sub-asset classes -->
<InvestmentsOtherSubAssets> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsOtherSubAssets> [0..1]

</...>
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Schema Component Representation

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<xsd:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type">
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    <xsd:element name="CreditDerivativesIndexCDS"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CreditDerivativesExoticCDS"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ForeignExchangeDerivativesInvestment"
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    <xsd:element name="ForeignExchangeDerivativesHedging"
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    <xsd:element name="NonUSCurrencyHoldings"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="InterestRateDerivatives"
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    <xsd:element name="CommoditiesDerivativesCrudeOil"
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    <xsd:element name="CommoditiesDerivativesNaturalGas"
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    <xsd:element name="CommoditiesDerivativesGold"
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    <xsd:element name="CommoditiesPhysicalNaturalGas"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CommoditiesPhysicalGold"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CommoditiesPhysicalPower"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CommoditiesPhysicalOther"
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    <xsd:element name="InvestmentsInExternalPrivateFunds"
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    <xsd:element name="InvestmentsInRegisteredInvestmentCompanies"
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    <xsd:element name="CashEquivalentsMoneyMarketFunds"
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Complex Type: PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType

Super-types: None

Sub-types: None

Name PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType

Abstract no

Documentation Elements of this type represent Section 2a - Item A - Exposure of hedge fund assets Q27 and 28.

XML Instance Representation

```
<...>
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Listed equity - value of turnover during the 1st Month -->
<ListedEquityMonth1> UnsignedLongRestricted15Type </ListedEquityMonth1> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Listed equity - value of turnover during the 2nd Month -->
<ListedEquityMonth2> UnsignedLongRestricted15Type </ListedEquityMonth2> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Listed equity - value of turnover during the 3rd Month -->
<ListedEquityMonth3> UnsignedLongRestricted15Type </ListedEquityMonth3> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Corporate bonds (other than convertible bonds) - value of turnover during the 1st Month -->
<CorporateBondsMonth1> UnsignedLongRestricted15Type </CorporateBondsMonth1> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Corporate bonds (other than convertible bonds) - value of turnover during the 2nd Month -->
<CorporateBondsMonth2> UnsignedLongRestricted15Type </CorporateBondsMonth2> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Corporate bonds (other than convertible bonds) - value of turnover during the 3rd Month -->
<CorporateBondsMonth3> UnsignedLongRestricted15Type </CorporateBondsMonth3> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Convertible bonds - value of turnover during the 1st Month -->
<ConvertibleBondsMonth1> UnsignedLongRestricted15Type </ConvertibleBondsMonth1> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Convertible bonds - value of turnover during the 2nd Month -->
<ConvertibleBondsMonth2> UnsignedLongRestricted15Type </ConvertibleBondsMonth2> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Convertible bonds - value of turnover during the 3rd Month -->
<ConvertibleBondsMonth3> UnsignedLongRestricted15Type </ConvertibleBondsMonth3> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. treasury securities - value of turnover during the 1st Month -->
<SovereignBondsUSTreasuryMonth1> UnsignedLongRestricted15Type </SovereignBondsUSTreasuryMonth1> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. treasury securities - value of turnover during the 2nd Month -->
<SovereignBondsUSTreasuryMonth2> UnsignedLongRestricted15Type </SovereignBondsUSTreasuryMonth2> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. treasury securities - value of turnover during the 3rd Month -->
<SovereignBondsUSTreasuryMonth3> UnsignedLongRestricted15Type </SovereignBondsUSTreasuryMonth3> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Agency securities - value of turnover during the 1st Month -->
<SovereignBondsAgencySecuritiesMonth1> UnsignedLongRestricted15Type </SovereignBondsAgencySecuritiesMonth1> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Agency securities - value of turnover during the 2nd Month -->
<SovereignBondsAgencySecuritiesMonth2> UnsignedLongRestricted15Type </SovereignBondsAgencySecuritiesMonth2> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Agency securities - value of turnover during the 3rd Month -->
<SovereignBondsAgencySecuritiesMonth3> UnsignedLongRestricted15Type </SovereignBondsAgencySecuritiesMonth3> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - GSE bonds - value of turnover during the 1st Month -->
<SovereignBondsGSEBondsMonth1> UnsignedLongRestricted15Type </SovereignBondsGSEBondsMonth1> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - GSE bonds - value of turnover during the 2nd Month -->
<SovereignBondsGSEBondsMonth2> UnsignedLongRestricted15Type </SovereignBondsGSEBondsMonth2> [1]
<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - GSE bonds - value of turnover during the 3rd Month -->
<SovereignBondsGSEBondsMonth3> UnsignedLongRestricted15Type </SovereignBondsGSEBondsMonth3> [1]
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<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Sovereign bonds
issued by G10 countries other than the U.S - value of turnover during the 1st Month -->
<SovereignBondsNonUSG10CountriesMonth1> UnsignedLongRestricted15Type </SovereignBondsNonUSG10CountriesMonth1> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Sovereign bonds
issued by G10 countries other than the U.S - value of turnover during the 2nd Month -->
<SovereignBondsNonUSG10CountriesMonth2> UnsignedLongRestricted15Type </SovereignBondsNonUSG10CountriesMonth2> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Sovereign bonds
issued by G10 countries other than the U.S - value of turnover during the 3rd Month -->
<SovereignBondsNonUSG10CountriesMonth3> UnsignedLongRestricted15Type </SovereignBondsNonUSG10CountriesMonth3> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Other sovereign
bonds (including supranational bonds) - value of turnover during the 1st Month -->
<SovereignBondsOtherMonth1> UnsignedLongRestricted15Type </SovereignBondsOtherMonth1> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Other sovereign
bonds (including supranational bonds) - value of turnover during the 2nd Month -->
<SovereignBondsOtherMonth2> UnsignedLongRestricted15Type </SovereignBondsOtherMonth2> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Other sovereign
bonds (including supranational bonds) - value of turnover during the 3rd Month -->
<SovereignBondsOtherMonth3> UnsignedLongRestricted15Type </SovereignBondsOtherMonth3> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. state and
local bonds - value of turnover during the 1st Month -->
<MunicipalBondsUSStateLocalMonth1> UnsignedLongRestricted15Type </MunicipalBondsUSStateLocalMonth1> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. state and
local bonds - value of turnover during the 2nd Month -->
<MunicipalBondsUSStateLocalMonth2> UnsignedLongRestricted15Type </MunicipalBondsUSStateLocalMonth2> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. state and
local bonds - value of turnover during the 3rd Month -->
<MunicipalBondsUSStateLocalMonth3> UnsignedLongRestricted15Type </MunicipalBondsUSStateLocalMonth3> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Futures - value of turnover during the 1st Month -->
<FuturesMonth1> UnsignedLongRestricted15Type </FuturesMonth1> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Futures - value of turnover during the 2nd Month -->
<FuturesMonth2> UnsignedLongRestricted15Type </FuturesMonth2> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Futures - value of turnover during the 3rd Month -->
<FuturesMonth3> UnsignedLongRestricted15Type </FuturesMonth3> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (i)Africa - percentage of the total net asset value -->
<PercentNAVInAfrica> UnsignedLongRestricted15Type </PercentNAVInAfrica> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (ii)Asia and Pacific (other than the Middle East) - percentage of the total net asset value -->
<PercentNAVInAsiaPacific> UnsignedLongRestricted15Type </PercentNAVInAsiaPacific> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (iii)Europe (EEA) - percentage of the total net asset value -->
<PercentNAVInEuropeEEA> UnsignedLongRestricted15Type </PercentNAVInEuropeEEA> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (iv)Europe (other than EEA) - percentage of the total net asset value -->
<PercentNAVInEuropeNonEEA> UnsignedLongRestricted15Type </PercentNAVInEuropeNonEEA> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (v)Middle East - percentage of the total net asset value -->
<PercentNAVInMiddleEast> UnsignedLongRestricted15Type </PercentNAVInMiddleEast> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (vi)North America - percentage of the total net asset value -->
<PercentNAVInNorthAmerica> UnsignedLongRestricted15Type </PercentNAVInNorthAmerica> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (vii)South America - percentage of the total net asset value -->
<PercentNAVInSouthAmerica> UnsignedLongRestricted15Type </PercentNAVInSouthAmerica> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (viii)Supranational - percentage of the total net asset value -->
<PercentNAVInSupranational> UnsignedLongRestricted15Type </PercentNAVInSupranational> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (i)Brazil -
percentage of the total net asset value -->
<PercentNAVInBrazil> UnsignedLongRestricted15Type </PercentNAVInBrazil> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (ii)China
(including Hong Kong) - percentage of the total net asset value -->
<PercentNAVInChina> UnsignedLongRestricted15Type </PercentNAVInChina> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (iii)India -
percentage of the total net asset value -->
<PercentNAVInIndia> UnsignedLongRestricted15Type </PercentNAVInIndia> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (iv)Japan -
percentage of the total net asset value -->
<PercentNAVInJapan> UnsignedLongRestricted15Type </PercentNAVInJapan> [1]

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<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (v)Russia -
percentage of the total net asset value -->
<PercentNAVInRussia> UnsignedLongRestricted15Type </PercentNAVInRussia> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (vi)United
States - percentage of the total net asset value -->
<PercentNAVInUS> UnsignedLongRestricted15Type </PercentNAVInUS> [1]

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Schema Component Representation

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    <xsd:element name="ListedEquityMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="CorporateBondsMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="CorporateBondsMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="CorporateBondsMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="ConvertibleBondsMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="ConvertibleBondsMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="ConvertibleBondsMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsUSTreasuryMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsUSTreasuryMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsUSTreasuryMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsAgencySecuritiesMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsAgencySecuritiesMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsAgencySecuritiesMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsGSEBondsMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsGSEBondsMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsGSEBondsMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsNonUSG10CountriesMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsNonUSG10CountriesMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsNonUSG10CountriesMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsOtherMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsOtherMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsOtherMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="MunicipalBondsUSStateLocalMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="MunicipalBondsUSStateLocalMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="MunicipalBondsUSStateLocalMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="FuturesMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="FuturesMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="FuturesMonth3" type="UnsignedLongRestricted15Type"/>
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    <xsd:element name="PercentNAVInAsiaPacific" type="UnsignedLongRestricted15Type"/>
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    <xsd:element name="PercentNAVInSupranational" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInBrazil" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInChina" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInIndia" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInJapan" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInRussia" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInUS" type="UnsignedLongRestricted15Type"/>
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</xsd:complexType>

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Complex Type: PFSection2bItemBCounterPartyQ36Q37Type

Super-types:	None
Sub-types:	None

Name	PFSection2bItemBCounterPartyQ36Q37Type
Abstract	no
Documentation	Q36/Q37 for the Counterparty entered in corresponding parent node for the Q22/Q23 NOTE: This node needs to be included only if Section 2b is being answered for a qualified hedge fund.

XML Instance Representation

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<...>
  <!-- Q36(a)(i)/Q37(a)(i) for the Counterparty entered in corresponding parent node for the Q22/Q23 -->
  <CounterpartyCollateralCash> LongRestricted15Type </CounterpartyCollateralCash> [0..1]
  <!-- Q36(a)(ii)/Q37(a)(ii) for the Counterparty entered in corresponding parent node for the Q22/Q23 -->
  <CounterpartyCollateralSecurities> LongRestricted15Type </CounterpartyCollateralSecurities> [0..1]
  <!-- Q36(a)(iii)/Q37(a)(iii) for the Counterparty entered in corresponding parent node for the Q22/Q23 -->
  <CounterpartyCollateralPosted> LongRestricted15Type </CounterpartyCollateralPosted> [0..1]
</...>
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Schema Component Representation

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  <xsd:sequence>
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    <xsd:element name="CounterpartyCollateralSecurities" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="CounterpartyCollateralPosted" type="LongRestricted15Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
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Complex Type: PFSection2bItemBHedgeFundExposureTradingPart1Type

Super-types: [PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type](#) < [PFSection2bItemBHedgeFundExposureTradingPart1Type](#) (by extension)

Sub-types: None

Name	PFSection2bItemBHedgeFundExposureTradingPart1Type
Abstract	no
Documentation	Elements of this type represent Q30: Part 1 (extended Q26: Part 1 with FundID)

XML Instance Representation

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<...>
<!-- Q26 Part1: Listed equity issued by financial institutions -->
<ListedEquityIssuedByFinancialInstitutions> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityIssuedByFinancialInstitutions> [0..1]
<!-- Q26 Part1: Other listed equity -->
<ListedEquityOtherListedEquity> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityOtherListedEquity> [0..1]
<!-- Q26 Part1: Unlisted equity issued by financial institutions -->
<UnlistedEquityIssuedByFinancialInstitutions> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</UnlistedEquityIssuedByFinancialInstitutions> [0..1]
<!-- Q26 Part1: Other unlisted equity -->
<UnlistedEquityOtherUnlistedEquity> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</UnlistedEquityOtherUnlistedEquity> [0..1]
<!-- Q26 Part1: Listed equity derivatives related to financial institutions -->
<ListedEquityDerivativesRelatedToFinancialInstitutions>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityDerivativesRelatedToFinancialInstitutions> [0..1]
<!-- Q26 Part1: Other listed equity derivatives -->
<ListedEquityDerivativesOtherListedEquityDerivatives>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityDerivativesOtherListedEquityDerivatives> [0..1]
<!-- Q26 Part1: Derivative exposures to unlisted equities related to financial institutions -->
<DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions> [0..1]
<!-- Q26 Part1: Other derivative exposures to unlisted equities -->
<DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities> [0..1]
<!-- Q26 Part1: Corporate bonds issued by financial institutions - Investment grade -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade> [0..1]
<!-- Q26 Part1: Corporate bonds issued by financial institutions - Investment grade - Measure -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure> [0..1]
<!-- Q26 Part1: Corporate bonds issued by financial institutions - Non-investment grade -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade> [0..1]
<!-- Q26 Part1: Corporate bonds issued by financial institutions - Non-investment grade - Measure -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure> [0..1]
<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Investment grade -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade> [0..1]
<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Investment grade - Measure -->
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</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure> [0..1]
<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Non-investment grade -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade> [0..1]
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<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Non-investment grade - Measure -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Investment grade -->
<ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Investment grade - Measure -->
<ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure>
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</ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Non-investment grade -->
<ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Non-investment grade - Measure -->
<ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Investment grade -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade>
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</ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Investment grade - Measure -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure>
  PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Non-investment grade -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade>
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</ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Non-investment grade - Measure -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure>
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</ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure> [0..1]
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Schema Component Representation

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      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

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Complex Type: PFSection2bItemBHedgeFundExposureTradingPart2Type

Super-types:	PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type < PFSection2bItemBHedgeFundExposureTradingPart2Type (by extension)
Sub-types:	None

Name	PFSection2bItemBHedgeFundExposureTradingPart2Type
Abstract	no
Documentation	Elements of this type represent Q30: Part 2 (extended Q26: Part 2 with FundID)

XML Instance Representation

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<...>
<!-- Q26 Part2: Sovereign bonds and municipal bonds - U.S. treasury securities -->
<SovereignBondsUSTreasurySecurities> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsUSTreasurySecurities> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - U.S. treasury securities - Measure -->
<SovereignBondsUSTreasurySecuritiesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsUSTreasurySecuritiesMeasure> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - Agency securities -->
<SovereignBondsAgencySecurities> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsAgencySecurities> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - Agency securities - Measure -->
<SovereignBondsAgencySecuritiesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsAgencySecuritiesMeasure> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - GSE bonds -->
<SovereignBondsGSEBonds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsGSEBonds> [0..1]
<!-- Q26 Part2: Sovereign bonds and municipal bonds - GSE bonds - Measure -->
<SovereignBondsGSEBondsMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsGSEBondsMeasure> [0..1]
<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S -->
<SovereignBondsNonUSG10Countries> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsNonUSG10Countries> [0..1]
<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S - Measure -->
<SovereignBondsNonUSG10CountriesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsNonUSG10CountriesMeasure> [0..1]
<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) -->
<SovereignBondsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </SovereignBondsOther>
[0..1]
<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) - Measure -->
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</SovereignBondsOtherMeasure> [0..1]
<!-- Q26 Part2: U.S. state and local bonds -->
<MunicipalBondsUSStateLocal> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</MunicipalBondsUSStateLocal> [0..1]
<!-- Q26 Part2: U.S. state and local bonds - Measure -->
<MunicipalBondsUSStateLocalMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</MunicipalBondsUSStateLocalMeasure> [0..1]
<!-- Q26 Part2: Loans - Leveraged loans -->
<LoansLeveraged> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </LoansLeveraged> [0..1]
<!-- Q26 Part2: Loans - Leveraged loans - Measure -->
<LoansLeveragedMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </LoansLeveragedMeasure>
[0..1]
<!-- Q26 Part2: Loans - Other loans (not including repos) -->
<LoansOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </LoansOther> [0..1]
<!-- Q26 Part2: Loans - Other loans - Measure -->
<LoansOtherMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </LoansOtherMeasure> [0..1]
<!-- Q26 Part2: Repos -->
<Repos> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </Repos> [0..1]
<!-- Q26 Part2: Repos - Measure -->
<ReposMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </ReposMeasure> [0..1]
<!-- Q26 Part2: ABS/structured products - MBS -->
<StructuredProductsMBS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </StructuredProductsMBS>
[0..1]
<!-- Q26 Part2: ABS/structured products - MBS - Measure -->
<StructuredProductsMBSMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsMBSMeasure> [0..1]
```



```

<!-- Q26 Part2: ABS/structured products - ABCP -->
<StructuredProductsABCP> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsABCP> [0..1]

<!-- Q26 Part2: ABS/structured products - ABCP - Measure -->
<StructuredProductsABCPMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsABCPMeasure> [0..1]

<!-- Q26 Part2: ABS/structured products - CDO/CLO -->
<StructuredProductsCDOCLLO> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsCDOCLLO> [0..1]

<!-- Q26 Part2: ABS/structured products - CDO/CLO - Measure -->
<StructuredProductsCDOCLLOMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsCDOCLLOMeasure> [0..1]

<!-- Q26 Part2: Other ABS -->
<StructuredProductsOtherABS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsOtherABS> [0..1]

<!-- Q26 Part2: Other ABS - Measure -->
<StructuredProductsOtherABSMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsOtherABSMeasure> [0..1]

<!-- Q26 Part2: Other structured products -->
<StructuredProductsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsOther> [0..1]

<FundID> FundIDType </FundID> [1]
</...>

```

Schema Component Representation

```

<xsd:complexType name="PFSection2bItemBHedgeFundExposureTradingPart2Type">
  <xsd:complexContent>
    <xsd:extension base="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type">
      <xsd:sequence>
        <xsd:element name="FundID" type="FundIDType"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

```

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Complex Type: PFSection2bItemBHedgeFundExposureTradingPart3Type

Super-types: [PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type](#) < [PFSection2bItemBHedgeFundExposureTradingPart3Type](#) (by extension)

Sub-types: None

Name	PFSection2bItemBHedgeFundExposureTradingPart3Type
Abstract	no
Documentation	Elements of this type represent Q30: Part 3 (extended Q26: Part 3 with FundID)

XML Instance Representation

```
<...>
  <!-- Q26 Part3: Credit derivatives - Single name CDS -->
  <CreditDerivativesSingleNameCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CreditDerivativesSingleNameCDS> [0..1]
  <!-- Q26 Part3: Credit derivatives - Index CDS -->
  <CreditDerivativesIndexCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CreditDerivativesIndexCDS> [0..1]
  <!-- Q26 Part3: Credit derivatives - Exotic CDS -->
  <CreditDerivativesExoticCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CreditDerivativesExoticCDS> [0..1]
  <!-- Q26 Part3: Foreign exchange derivatives (investment) -->
  <ForeignExchangeDerivativesInvestment> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </ForeignExchangeDerivativesInvestment> [0..1]
  <!-- Q26 Part3: Foreign exchange derivatives (hedging) -->
  <ForeignExchangeDerivativesHedging> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </ForeignExchangeDerivativesHedging> [0..1]
  <!-- Q26 Part3: Non-U.S. currency holdings -->
  <NonUSCurrencyHoldings> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </NonUSCurrencyHoldings>
  [0..1]
  <!-- Q26 Part3: Interest rate derivatives -->
  <InterestRateDerivatives> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </InterestRateDerivatives> [0..1]
  <!-- Q26 Part3: Commodities (derivatives) - Crude oil -->
  <CommoditiesDerivativesCrudeOil> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesCrudeOil> [0..1]
  <!-- Q26 Part3: Commodities (derivatives) - Natural gas -->
  <CommoditiesDerivativesNaturalGas> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesNaturalGas> [0..1]
  <!-- Q26 Part3: Commodities (derivatives) - Gold -->
  <CommoditiesDerivativesGold> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesGold> [0..1]
  <!-- Q26 Part3: Commodities (derivatives) - Power -->
  <CommoditiesDerivativesPower> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesPower> [0..1]
  <!-- Q26 Part3: Commodities (derivatives) - Other commodities -->
  <CommoditiesDerivativesOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesDerivativesOther> [0..1]
  <!-- Q26 Part3: Commodities (physical) - Crude oil -->
  <CommoditiesPhysicalCrudeOil> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalCrudeOil> [0..1]
  <!-- Q26 Part3: Commodities (physical) - Natural gas -->
  <CommoditiesPhysicalNaturalGas> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalNaturalGas> [0..1]
  <!-- Q26 Part3: Commodities (physical) - Gold -->
  <CommoditiesPhysicalGold> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalGold> [0..1]
  <!-- Q26 Part3: Commodities (physical) - Power -->
  <CommoditiesPhysicalPower> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalPower> [0..1]
  <!-- Q26 Part3: Commodities (physical) - Other commodities -->
  <CommoditiesPhysicalOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
  </CommoditiesPhysicalOther> [0..1]
  <!-- Q26 Part3: Other derivatives -->
  <OtherDerivatives> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </OtherDerivatives> [0..1]
  <!-- Q26 Part3: Physical real estate -->
  <PhysicalRealEstate> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </PhysicalRealEstate> [0..1]

```

```

<!-- Q26 Part3: Investments in internal private funds -->
<InvestmentsInInternalPrivateFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInInternalPrivateFunds> [0..1]

<!-- Q26 Part3: Investments in external private funds -->
<InvestmentsInExternalPrivateFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInExternalPrivateFunds> [0..1]

<!-- Q26 Part3: Investments in registered investment companies -->
<InvestmentsInRegisteredInvestmentCompanies> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInRegisteredInvestmentCompanies> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit -->
<CashEquivalentsCD> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </CashEquivalentsCD> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit - Measure -->
<CashEquivalentsCDMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CashEquivalentsCDMeasure> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Other deposits -->
<CashEquivalentsOtherDeposits> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CashEquivalentsOtherDeposits> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Money market funds -->
<CashEquivalentsMoneyMarketFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CashEquivalentsMoneyMarketFunds> [0..1]

<!-- Q26 Part3: Other cash and cash equivalents -->
<CashEquivalentsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </CashEquivalentsOther>
[0..1]

<!-- Q26 Part3: Investments in funds for cash management purposes -->
<InvestmentsNonMoneyMarketFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsNonMoneyMarketFunds> [0..1]

<!-- Q26 Part3: Investments in other sub-asset classes -->
<InvestmentsOtherSubAssets> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsOtherSubAssets> [0..1]
<FundID> FundIDType </FundID> [1]
</...>

```

Schema Component Representation

```

<xsd:complexType name="PFSection2bItemBHedgeFundExposureTradingPart3Type">
  <xsd:complexContent>
    <xsd:extension base="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type">
      <xsd:sequence>
        <xsd:element name="FundID" type="FundIDType"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

```

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Complex Type: PFSection2bItemBHedgeFundPositionItemType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemBHedgeFundPositionItemType
Abstract	no

XML Instance Representation

```
<...>  
  <!-- Section 2b - Item B - Q35 - % of net asset value -->  
  <NAVPercent> DecimalRestricted15p4Type </NAVPercent> [1]  
  <!-- Section 2b - Item B - Q35 - Sub-asset class -->  
  <AssetClassCD> HedgeAssetClassCDType </AssetClassCD> [1]  
  <!-- Section 2b - Item B - Q35 - First month - Other -->  
  <AssetClassOther> StringRestricted256Type </AssetClassOther> [0..1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemBHedgeFundPositionItemType">  
  <xsd:sequence>  
    <xsd:element name="NAVPercent" type="DecimalRestricted15p4Type" />  
    <xsd:element name="AssetClassCD" type="HedgeAssetClassCDType" />  
    <xsd:element name="AssetClassOther" type="StringRestricted256Type" minOccurs="0" />  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PFSection2bItemBHedgeFundPositionsType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemBHedgeFundPositionsType
Abstract	no

XML Instance Representation

```
<...>  
  <!-- Section 2b - Item B - Q35 - hedge fund identification number of the reporting fund -->  
  <FundID> FundIDType </FundID> [1]  
  <!-- Section 2b - Item B - Q35 - Hedge Fund Position Item for First Month -->  
  <HedgeFundPositionsMonthOne> HedgeFundPositionsMonthType </HedgeFundPositionsMonthOne> [0..1]  
  <!-- Section 2b - Item B - Q35 - Hedge Fund Position Item for Second Month -->  
  <HedgeFundPositionsMonthTwo> HedgeFundPositionsMonthType </HedgeFundPositionsMonthTwo> [0..1]  
  <!-- Section 2b - Item B - Q35 - Hedge Fund Position Item for Third Month -->  
  <HedgeFundPositionsMonthThree> HedgeFundPositionsMonthType </HedgeFundPositionsMonthThree> [0..1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemBHedgeFundPositionsType">  
  <xsd:sequence>  
    <xsd:element name="FundID" type="FundIDType"/>  
    <xsd:element name="HedgeFundPositionsMonthOne" type="HedgeFundPositionsMonthType" minOccurs="0" maxOccurs="1"/>  
    <xsd:element name="HedgeFundPositionsMonthTwo" type="HedgeFundPositionsMonthType" minOccurs="0" maxOccurs="1"/>  
    <xsd:element name="HedgeFundPositionsMonthThree" type="HedgeFundPositionsMonthType" minOccurs="0" maxOccurs="1"/>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PFSection2bltemBQ31ffHedgeLiquidityType

Super-types: None

Sub-types: None

Name PFSection2bltemBQ31ffHedgeLiquidityType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q31-Q34 Hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q31 - reporting fund's base currency -->
  <CurrencyCode> CurrencyCodeType </CurrencyCode> [0..1]
  <!-- Q31 - reporting fund's base currency - Other -->
  <CurrencyOtherText> StringRestricted256Type </CurrencyOtherText> [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 1 day or less -->
  <PortfolioLiquidatableInDays0To1Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays0To1Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 2 days - 7 days -->
  <PortfolioLiquidatableInDays2To7Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays2To7Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 8 days - 30 days -->
  <PortfolioLiquidatableInDays8To30Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays8To30Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 31 days - 90 days -->
  <PortfolioLiquidatableInDays31To90Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays31To90Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 91 days - 180 days -->
  <PortfolioLiquidatableInDays91To180Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays91To180Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 181 days - 365 days -->
  <PortfolioLiquidatableInDays181To365Percent> UnsignedLongRestricted15Type
  </PortfolioLiquidatableInDays181To365Percent> [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within Longer than 365 days -->
  <PortfolioLiquidatableInDays365MorePercent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays365MorePercent>
  [0..1]
  <!-- Q33 - Value of reporting fund's unencumbered cash - 1st Month -->
  <UnencumberedCashMonth1> LongRestricted15Type </UnencumberedCashMonth1> [0..1]
  <!-- Q33 - Value of reporting fund's unencumbered cash - 2nd Month -->
  <UnencumberedCashMonth2> LongRestricted15Type </UnencumberedCashMonth2> [0..1]
  <!-- Q33 - Value of reporting fund's unencumbered cash - 3rd Month -->
  <UnencumberedCashMonth3> LongRestricted15Type </UnencumberedCashMonth3> [0..1]
  <!-- Q34 - Total number of open positions (approximate) - 1st Month -->
  <TotalOpenPositionsMonth1> UnsignedLongRestricted15Type </TotalOpenPositionsMonth1> [0..1]
  <!-- Q34 - Total number of open positions (approximate) - 2nd Month -->
  <TotalOpenPositionsMonth2> UnsignedLongRestricted15Type </TotalOpenPositionsMonth2> [0..1]
  <!-- Q34 - Total number of open positions (approximate) - 3rd Month -->
  <TotalOpenPositionsMonth3> UnsignedLongRestricted15Type </TotalOpenPositionsMonth3> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemBQ31ffHedgeLiquidityType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="CurrencyCode" type="CurrencyCodeType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CurrencyOtherText" type="StringRestricted256Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays0To1Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays2To7Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays8To30Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays31To90Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays91To180Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays181To365Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays365MorePercent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="UnencumberedCashMonth1" type="LongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="UnencumberedCashMonth2" type="LongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="UnencumberedCashMonth3" type="LongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="TotalOpenPositionsMonth1" type="UnsignedLongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="TotalOpenPositionsMonth2" type="UnsignedLongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="TotalOpenPositionsMonth3" type="UnsignedLongRestricted15Type" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemBQ38ffHedgeCtrlRehypType

Super-types: None

Sub-types: None

Name PFSection2bItemBQ38ffHedgeCtrlRehypType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q38-39 Hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Section 2b - Item B - Q38(a)(i) - Of the total amount of collateral and other credit support that counterparties
  have posted to the reporting fund, what percentage may be rehypothecated? -->
  <CounterpartyToFundCollateralMaybeRehypPct> PercentType </CounterpartyToFundCollateralMaybeRehypPct> [0..1]
  <!-- Section 2b - Item B - Q38(a)(ii) - Of the total amount of collateral and other credit support that
  counterparties have posted to the reporting fund, what percentage has the reporting fund rehypothecated? -->
  <CounterpartyToFundCollateralHasRehypPct> PercentType </CounterpartyToFundCollateralHasRehypPct> [0..1]
  <!-- Section 2b - Item B - Q38(b) - Of the total amount of collateral and other credit support that the reporting
  fund has posted to counterparties, what percentage may be rehypothecated? -->
  <FundToCounterpartyCollateralMaybeRehypPct> PercentType </FundToCounterpartyCollateralMaybeRehypPct> [0..1]
  <!-- Section 2b - Item B - Q39 - did the reporting fund clear any transactions directly through a CCP? -->
  <ClearTransactionsThroughCCP> BooleanYNTType </ClearTransactionsThroughCCP> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemBQ38ffHedgeCtrlRehypType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="CounterpartyToFundCollateralMaybeRehypPct" type="PercentType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CounterpartyToFundCollateralHasRehypPct" type="PercentType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="FundToCounterpartyCollateralMaybeRehypPct" type="PercentType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ClearTransactionsThroughCCP" type="BooleanYNTType" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundCommodityPricesMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundCommodityPricesMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
  NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundCreditSpreadsMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundCreditSpreadsMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
  NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCreditspreadsMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundCurrencyRatesMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundCurrencyRatesMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
  NOTE: This needs to be included only if RelevanceTypeCD is RLVRT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>  
  <!-- Q42 - Market Factor Effect on long components -->  
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]  
  <!-- Q42 - Market Factor Effect on short components -->  
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]  
  <!-- Q42 - Market Factor Effect Change Code -->  
  <MarketFactorEffectChangeCD> HedgeFundDefaultRatesABSMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType">  
  <xsd:sequence>  
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>  
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>  
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundDefaultRatesABSMarketFactorChangeCodeType" minOccurs="0" maxOccurs="1"/>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
  NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>  
  <!-- Q42 - Market Factor Effect on long components -->  
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]  
  <!-- Q42 - Market Factor Effect on short components -->  
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]  
  <!-- Q42 - Market Factor Effect Change Code -->  
  <MarketFactorEffectChangeCD> HedgeFundDefaultRatesCDSMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType">  
  <xsd:sequence>  
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>  
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>  
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundDefaultRatesCDSMarketFactorChangeCodeType"  
      minOccurs="0" maxOccurs="1"/>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
  NOTE: This needs to be included only if RelevanceTypeCD is RLVRT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundEquityMarketFactorEffectType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundEquityMarketFactorEffectType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundEquityMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundEquityMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundEquityMarketFactorChangeCodeType" minOccurs="0"
      maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundEquityMarketFactorsType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundEquityMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
  NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundEquityMarketFactorEffectType </HedgeFundMarketFactorEffect>
    [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundEquityMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundEquityMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType
  </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
  NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType" minOccurs="0"
            maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType </MarketFactorEffectChangeCD>
  [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
  NOTE: This needs to be included only if RelevanceTypeCD is RLVRT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q42 - hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q42 - Market Factor - Equity prices -->
  <HedgeFundEquityPricesRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundEquityMarketFactorsType
  </HedgeFundEquityPricesRelevanceTypeMarketFactor> [1]
  <!-- Q42 - Market Factor - Risk free interest rates -->
  <HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor>
  PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType
  </HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor> [1]
  <!-- Q42 - Market Factor - Credit spreads -->
  <HedgeFundCreditSpreadsRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType
  </HedgeFundCreditSpreadsRelevanceTypeMarketFactor> [1]
  <!-- Q42 - Market Factor - Currency rates -->
  <HedgeFundCurrencyRatesRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType
  </HedgeFundCurrencyRatesRelevanceTypeMarketFactor> [1]
  <!-- Q42 - Market Factor - Commodity prices -->
  <HedgeFundCommodityPricesRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType
  </HedgeFundCommodityPricesRelevanceTypeMarketFactor> [1]
  <!-- Q42 - Market Factor - Option implied volatilities -->
  <HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor>
  PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType
  </HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor> [1]
  <!-- Q42 - Market Factor - Default rates (ABS) -->
  <HedgeFundDefaultRatesRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType
  </HedgeFundDefaultRatesRelevanceTypeMarketFactor> [1]
  <!-- Q42 - Market Factor - Default rates (corporate bonds and CDS) -->
  <HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType
  </HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="HedgeFundEquityPricesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundEquityMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundCreditSpreadsRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundCurrencyRatesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundCommodityPricesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundDefaultRatesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType" minOccurs="1" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundRiskVarCalculatedType

Super-types: None

Sub-types: None

Name PFSection2bItemCHedgeFundRiskVarCalculatedType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q40(b)(i): Confidence interval used (e.g., 100%-alpha%) (as a percentage) -->
  <ConfidenceIntervalPercent> PercentType </ConfidenceIntervalPercent> [1]
  <!-- Q40(b)(ii): Time horizon used -->
  <TimeHorizonDays> PositiveDecimalRestricted15p2Type </TimeHorizonDays> [1]
  <!-- Q40(b)(iii): Weighting method used to calculate VaR -->
  <WeightedMethodCode> WeightedMethodCodeType </WeightedMethodCode> [1]
  <!-- Q40(b)(iii): Weighting method used to calculate VaR - Other -->
  <WeightedMethodCodeOther> StringRestricted256Type </WeightedMethodCodeOther> [0..1]
  <!-- Q40(b)(iv): Weighting factor used -->
  <WeightedFactorValue> DecimalRestricted15p2RequiredDecimalType </WeightedFactorValue> [0..1]
  <!-- Q40(b)(v): Method used to calculate VaR -->
  <CalculationMethodCode> CalculationMethodCodeType </CalculationMethodCode> [1]
  <!-- Q40(b)(v): Method used to calculate VaR - Other -->
  <CalculationMethodCodeOther> StringRestricted256Type </CalculationMethodCodeOther> [0..1]
  <!-- Q40(b)(vi): Historical lookback period used -->
  <HistoricalLookbackPeriodYears> PositiveDecimalNAExRestricted15p2Type </HistoricalLookbackPeriodYears> [1]
  <!-- Q40(b)(vii): VaR at the end of the 1st month of the reporting period -->
  <VaRMonth1Percent> PercentType2 </VaRMonth1Percent> [1]
  <!-- Q40(b)(viii): VaR at the end of the 2nd month of the reporting period -->
  <VaRMonth2Percent> PercentType2 </VaRMonth2Percent> [1]
  <!-- Q40(b)(ix): VaR at the end of the 3rd month of the reporting period -->
  <VaRMonth3Percent> PercentType2 </VaRMonth3Percent> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskVarCalculatedType">
  <xsd:sequence>
    <xsd:element name="ConfidenceIntervalPercent" type="PercentType" minOccurs="1"/>
    <xsd:element name="TimeHorizonDays" type="PositiveDecimalRestricted15p2Type" minOccurs="1"/>
    <xsd:element name="WeightedMethodCode" type="WeightedMethodCodeType" minOccurs="1"/>
    <xsd:element name="WeightedMethodCodeOther" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="WeightedFactorValue" type="DecimalRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="CalculationMethodCode" type="CalculationMethodCodeType" minOccurs="1"/>
    <xsd:element name="CalculationMethodCodeOther" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="HistoricalLookbackPeriodYears" type="PositiveDecimalNAExRestricted15p2Type" minOccurs="1"/>
    <xsd:element name="VaRMonth1Percent" type="PercentType2" minOccurs="1"/>
    <xsd:element name="VaRMonth2Percent" type="PercentType2" minOccurs="1"/>
    <xsd:element name="VaRMonth3Percent" type="PercentType2" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundRiskVarMetricType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskVarMetricType
Abstract	no

XML Instance Representation

```
<...>  
  <!-- Q41: Risk metrics important to the reporting fund's risk management -->  
  <NonVaRRiskMetricCode> NonVaRRiskMetricCodeType </NonVaRRiskMetricCode> [1]  
  <!-- Q41: Risk metrics important to the reporting fund's risk management - Other -->  
  <NonVaRRiskMetricOther> StringRestricted256Type </NonVaRRiskMetricOther> [0..1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskVarMetricType">  
  <xsd:sequence>  
    <xsd:element name="NonVaRRiskMetricCode" type="NonVaRRiskMetricCodeType" minOccurs="1"/>  
    <xsd:element name="NonVaRRiskMetricOther" type="StringRestricted256Type" minOccurs="0"/>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundRiskVarType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskVarType
Abstract	no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q40(a): During the reporting period, did you regularly calculate the VaR of the reporting fund?
  (Please respond without regard to whether you reported the result of this calculation internally or to
  investors) -->
  <VaRCalculatedRegularly> xsd:boolean </VaRCalculatedRegularly> [1]
  <!-- Q40(b): If you responded yes to Q40(a), provide the following information
  (If you regularly calculate the VaR of the reporting fund using multiple combinations of confidence interval,
  horizon and historical observation period, complete a separate response to this Q40(b) for each such combination) -->
  <CalculatedRisk> [0..1]
    <PFSection2bItemCHedgeFundRiskVarCalculated> PFSection2bItemCHedgeFundRiskVarCalculatedType
  </PFSection2bItemCHedgeFundRiskVarCalculated> [1..*]
  </CalculatedRisk>
  <!-- Q41: Are there any risk metrics other than (or in addition to) VaR that you consider to be important to the
  reporting fund's risk management?
  (Select all that you consider relevant. Please respond without regard to whether you reported the metric
  internally or to investors. If none, None) -->
  <Metrics> [1]
    <PFSection2bItemCHedgeFundRiskVarMetric> PFSection2bItemCHedgeFundRiskVarMetricType
  </PFSection2bItemCHedgeFundRiskVarMetric> [1..*]
  </Metrics>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskVarType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="VaRCalculatedRegularly" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="CalculatedRisk" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection2bItemCHedgeFundRiskVarCalculated"
            type="PFSection2bItemCHedgeFundRiskVarCalculatedType" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Metrics" minOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection2bItemCHedgeFundRiskVarMetric"
            type="PFSection2bItemCHedgeFundRiskVarMetricType" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemDHedgeFundCreditorsType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemDHedgeFundCreditorsType
Abstract	no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q47: List of Hedge fund Creditors. -->
  <Creditors> [0..1]
    <PFSection2bItemDHedgeFundCreditor> PFSection2bItemDHedgeFundCreditorType </PFSection2bItemDHedgeFundCreditor>
    [0..*]
  </Creditors>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemDHedgeFundCreditorsType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="Creditors" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection2bItemDHedgeFundCreditor" type="PFSection2bItemDHedgeFundCreditorType"
            minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemDHedgeFundCreditorType

Super-types: None

Sub-types: None

Name PFSection2bItemDHedgeFundCreditorType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q47 Name of Creditor -->
  <CreditorNameCode> CreditorNameType </CreditorNameCode> [1]
  <!-- Q47 "Other" description when Creditor Name provided is "Other" -->
  <CreditorOtherDescription> StringRestricted256Type </CreditorOtherDescription> [0..1]
  <!-- Q47 Dollar amount owed to each creditor -->
  <AmountOwed> PositiveLongRestricted15Type </AmountOwed> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemDHedgeFundCreditorType">
  <xsd:sequence>
    <xsd:element name="CreditorNameCode" type="CreditorNameType" minOccurs="1"/>
    <xsd:element name="CreditorOtherDescription" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="AmountOwed" type="PositiveLongRestricted15Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bltemDHedgeFundFinancingBorrowingType

Super-types: None

Sub-types: None

Name PFSection2bltemDHedgeFundFinancingBorrowingType

Abstract no

XML Instance Representation

```
<...>
<FundID> FundIDType </FundID> [1]
<!-- Q43(a): Dollar amount of unsecured borrowing -->
<UnsecuredBorrowingAmount> FinanceBorrowingItem15pType </UnsecuredBorrowingAmount> [1]
<!-- Q43(a)(i): Percentage borrowed from U.S. financial institutions -->
<UnsecuredBorrowingUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</UnsecuredBorrowingUSFinancialInstitutionPercent> [1]
<!-- Q43(a)(ii): Percentage borrowed from non-U.S. financial institutions -->
<UnsecuredBorrowingNonUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</UnsecuredBorrowingNonUSFinancialInstitutionPercent> [1]
<!-- Q43(a)(iii): Percentage borrowed from U.S. creditors that are not financial institutions -->
<UnsecuredBorrowingOtherUSCreditorsPercent> FinanceBorrowingItem3pType </UnsecuredBorrowingOtherUSCreditorsPercent>
[1]
<!-- Q43(a)(iv): Percentage borrowed from non-U.S. creditors that are not financial institutions -->
<UnsecuredBorrowingOtherNonUSCreditorsPercent> FinanceBorrowingItem3pType
</UnsecuredBorrowingOtherNonUSCreditorsPercent> [1]
<!-- Q43(b)(i): Dollar amount via prime brokerage -->
<SecuredBorrowingPrimeBrokerageAmount> FinanceBorrowingItem15pType </SecuredBorrowingPrimeBrokerageAmount> [1]
<!-- Q43(b)(i)(A): Value of collateral posted in the form of cash and cash equivalents -->
<SecuredBorrowingPrimeBrokerageCashCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingPrimeBrokerageCashCollateralAmount> [1]
<!-- Q43(b)(i)(B): Value of collateral posted in the form of securities -->
<SecuredBorrowingPrimeBrokerageSecuritiesCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingPrimeBrokerageSecuritiesCollateralAmount> [1]
<!-- Q43(b)(i)(C): Value of other collateral and credit support posted -->
<SecuredBorrowingPrimeBrokerageOtherCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingPrimeBrokerageOtherCollateralAmount> [1]
<!-- Q43(b)(i)(D): Percentage borrowed from U.S. financial institutions -->
<SecuredBorrowingPrimeBrokerageUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingPrimeBrokerageUSFinancialInstitutionPercent> [1]
<!-- Q43(b)(i)(E): Percentage borrowed from non-U.S. financial institutions -->
<SecuredBorrowingPrimeBrokerageNonUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingPrimeBrokerageNonUSFinancialInstitutionPercent> [1]
<!-- Q43(b)(i)(F): Percentage borrowed from U.S. creditors that are not financial institutions -->
<SecuredBorrowingPrimeBrokerageOtherUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingPrimeBrokerageOtherUSCreditorsPercent> [1]
<!-- Q43(b)(i)(G): Percentage borrowed from non-U.S. creditors that are not financial institutions -->
<SecuredBorrowingPrimeBrokerageOtherNonUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingPrimeBrokerageOtherNonUSCreditorsPercent> [1]
<!-- Q43(b)(ii): Dollar amount via reverse repo -->
<SecuredBorrowingReverseRepoAmount> FinanceBorrowingItem15pType </SecuredBorrowingReverseRepoAmount> [1]
<!-- Q43(b)(ii)(A): Value of collateral posted in the form of cash and cash equivalents -->
<SecuredBorrowingReverseRepoCashCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingReverseRepoCashCollateralAmount> [1]
<!-- Q43(b)(ii)(B): Value of collateral posted in the form of securities -->
<SecuredBorrowingReverseRepoSecuritiesCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingReverseRepoSecuritiesCollateralAmount> [1]
<!-- Q43(b)(ii)(C): Value of other collateral and credit support posted -->
<SecuredBorrowingReverseRepoOtherCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingReverseRepoOtherCollateralAmount> [1]
<!-- Q43(b)(ii)(D): Percentage borrowed from U.S. financial institutions -->
<SecuredBorrowingReverseRepoUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingReverseRepoUSFinancialInstitutionPercent> [1]
<!-- Q43(b)(ii)(E): Percentage borrowed from non-U.S. financial institutions -->
<SecuredBorrowingReverseRepoNonUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingReverseRepoNonUSFinancialInstitutionPercent> [1]

```

```
<!-- Q43(b)(ii)(F): Percentage borrowed from U.S. creditors that are not financial institutions -->
<SecuredBorrowingReverseRepoOtherUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingReverseRepoOtherUSCreditorsPercent> [1]

<!-- Q43(b)(ii)(G): Percentage borrowed from non-U.S. creditors that are not financial institutions -->
<SecuredBorrowingReverseRepoOtherNonUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingReverseRepoOtherNonUSCreditorsPercent> [1]

<!-- Q43(b)(iii): Dollar amount of other secured borrowings -->
<SecuredBorrowingOtherAmount> FinanceBorrowingItem15pType </SecuredBorrowingOtherAmount> [1]

<!-- Q43(b)(iii)(A): Value of collateral posted in the form of cash and cash equivalents -->
<SecuredBorrowingOtherCashCollateralAmount> FinanceBorrowingItem16pType </SecuredBorrowingOtherCashCollateralAmount>
[1]

<!-- Q43(b)(iii)(B): Value of collateral posted in the form of securities -->
<SecuredBorrowingOtherSecuritiesCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingOtherSecuritiesCollateralAmount> [1]

<!-- Q43(b)(iii)(C): Value of other collateral and credit support posted -->
<SecuredBorrowingOtherOtherCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingOtherOtherCollateralAmount> [1]

<!-- Q43(b)(iii)(D): Percentage borrowed from U.S. financial institutions -->
<SecuredBorrowingOtherUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingOtherUSFinancialInstitutionPercent> [1]

<!-- Q43(b)(iii)(E): Percentage borrowed from non-U.S. financial institutions -->
<SecuredBorrowingOtherNonUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingOtherNonUSFinancialInstitutionPercent> [1]

<!-- Q43(b)(iii)(F): Percentage borrowed from U.S. creditors that are not financial institutions -->
<SecuredBorrowingOtherOtherUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingOtherOtherUSCreditorsPercent> [1]

<!-- Q43(b)(iii)(G): Percentage borrowed from non-U.S. creditors that are not financial institutions -->
<SecuredBorrowingOtherOtherNonUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingOtherOtherNonUSCreditorsPercent> [1]

</...>
```


Schema Component Representation

```

<xsd:complexType name="PFSection2bItemDHedgeFundFinancingBorrowingType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="UnsecuredBorrowingAmount" type="FinanceBorrowingItem15pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="UnsecuredBorrowingUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="UnsecuredBorrowingNonUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="UnsecuredBorrowingOtherUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="UnsecuredBorrowingOtherNonUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageAmount" type="FinanceBorrowingItem15pType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageCashCollateralAmount" type="FinanceBorrowingItem16pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageSecuritiesCollateralAmount" type="FinanceBorrowingItem16pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageOtherCollateralAmount" type="FinanceBorrowingItem16pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageNonUSFinancialInstitutionPercent"
type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageOtherUSCreditorsPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageOtherNonUSCreditorsPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoAmount" type="FinanceBorrowingItem15pType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoCashCollateralAmount" type="FinanceBorrowingItem16pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoSecuritiesCollateralAmount" type="FinanceBorrowingItem16pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoOtherCollateralAmount" type="FinanceBorrowingItem16pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoNonUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoOtherUSCreditorsPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoOtherNonUSCreditorsPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherAmount" type="FinanceBorrowingItem15pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherCashCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherSecuritiesCollateralAmount" type="FinanceBorrowingItem16pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherOtherCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherNonUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherOtherUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherOtherNonUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1"
maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: PFSection2bltemDHedgeFundFinancingDerivativesLiquidityType

Super-types: None

Sub-types: None

Name PFSection2bltemDHedgeFundFinancingDerivativesLiquidityType**Abstract** no**XML Instance Representation**

```

<...>
<FundID> FundIDType </FundID> [1]
<!-- Q44 Aggregate value of all derivatives positions of the reporting fund - 1st Month -->
<DerivativesPositionsMonth1Value> UnsignedDecimalNAExRestricted15Type </DerivativesPositionsMonth1Value> [0..1]
<!-- Q44 Aggregate value of all derivatives positions of the reporting fund - 2nd Month -->
<DerivativesPositionsMonth2Value> UnsignedDecimalNAExRestricted15Type </DerivativesPositionsMonth2Value> [0..1]
<!-- Q44 Aggregate value of all derivatives positions of the reporting fund - 3rd Month -->
<DerivativesPositionsMonth3Value> UnsignedDecimalNAExRestricted15Type </DerivativesPositionsMonth3Value> [0..1]
<!-- Q45(a) Aggregate net mark-to-market value - 1st Month -->
<NetMarkToMarketMonth1Value> DecimalNAExRestricted15p0Type </NetMarkToMarketMonth1Value> [1]
<!-- Q45(a) Aggregate net mark-to-market value - 2nd Month -->
<NetMarkToMarketMonth2Value> DecimalNAExRestricted15p0Type </NetMarkToMarketMonth2Value> [1]
<!-- Q45(a) Aggregate net mark-to-market value - 3rd Month -->
<NetMarkToMarketMonth3Value> DecimalNAExRestricted15p0Type </NetMarkToMarketMonth3Value> [1]
<!-- Q45(b) Net value of collateral posted in the form of cash and cash equivalents - 1st Month -->
<NetCashCollateralMonth1Value> LongRestricted15Type </NetCashCollateralMonth1Value> [1]
<!-- Q45(b) Net value of collateral posted in the form of cash and cash equivalents - 2nd Month -->
<NetCashCollateralMonth2Value> LongRestricted15Type </NetCashCollateralMonth2Value> [1]
<!-- Q45(b) Net value of collateral posted in the form of cash and cash equivalents - 3rd Month -->
<NetCashCollateralMonth3Value> LongRestricted15Type </NetCashCollateralMonth3Value> [1]
<!-- Q45(c) Net value of collateral posted in the form of securities other than cash and cash equivalent instruments
- 1st Month -->
<NetSecuritiesCollateralMonth1Value> LongRestricted15Type </NetSecuritiesCollateralMonth1Value> [1]
<!-- Q45(c) Net value of collateral posted in the form of securities other than cash and cash equivalent instruments
- 2nd Month -->
<NetSecuritiesCollateralMonth2Value> LongRestricted15Type </NetSecuritiesCollateralMonth2Value> [1]
<!-- Q45(c) Net value of collateral posted in the form of securities other than cash and cash equivalent instruments
- 3rd Month -->
<NetSecuritiesCollateralMonth3Value> LongRestricted15Type </NetSecuritiesCollateralMonth3Value> [1]
<!-- Q45(d) Net value of other collateral and credit support posted by or to the reporting fund - 1st Month -->
<NetOtherCollateralMonth1Value> LongRestricted15Type </NetOtherCollateralMonth1Value> [1]
<!-- Q45(d) Net value of other collateral and credit support posted by or to the reporting fund - 2nd Month -->
<NetOtherCollateralMonth2Value> LongRestricted15Type </NetOtherCollateralMonth2Value> [1]
<!-- Q45(d) Net value of other collateral and credit support posted by or to the reporting fund - 3rd Month -->
<NetOtherCollateralMonth3Value> LongRestricted15Type </NetOtherCollateralMonth3Value> [1]
<!-- Q46(a) The aggregate dollar amount of borrowing by and cash financing available to the reporting fund -->
<TotalFinancingAmount> UnsignedLongRestricted15Type </TotalFinancingAmount> [1]
<!-- Q46(b) % of total financing - 1 day or less -->
<TotalFinancingInDays0To1Percent> UnsignedLongRestricted15Type </TotalFinancingInDays0To1Percent> [0..1]
<!-- Q46(b) % of total financing - 2 days - 7 days -->
<TotalFinancingInDays2To7Percent> UnsignedLongRestricted15Type </TotalFinancingInDays2To7Percent> [0..1]
<!-- Q46(b) % of total financing - 8 days - 30 days -->
<TotalFinancingInDays8To30Percent> UnsignedLongRestricted15Type </TotalFinancingInDays8To30Percent> [0..1]
<!-- Q46(b) % of total financing - 31 days - 90 days -->
<TotalFinancingInDays31To90Percent> UnsignedLongRestricted15Type </TotalFinancingInDays31To90Percent> [0..1]
<!-- Q46(b) % of total financing - 91 days - 180 days -->
<TotalFinancingInDays91To180Percent> UnsignedLongRestricted15Type </TotalFinancingInDays91To180Percent> [0..1]
<!-- Q46(b) % of total financing - 181 days - 365 days -->
<TotalFinancingInDays181To365Percent> UnsignedLongRestricted15Type </TotalFinancingInDays181To365Percent> [0..1]
<!-- Q46(b) % of total financing - Longer than 365 days -->
<TotalFinancingInDays365MorePercent> UnsignedLongRestricted15Type </TotalFinancingInDays365MorePercent> [0..1]
</...>

```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="DerivativesPositionsMonth1Value" type="UnsignedDecimalNAExRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="DerivativesPositionsMonth2Value" type="UnsignedDecimalNAExRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="DerivativesPositionsMonth3Value" type="UnsignedDecimalNAExRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="NetMarkToMarketMonth1Value" type="DecimalNAExRestricted15p0Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetMarkToMarketMonth2Value" type="DecimalNAExRestricted15p0Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetMarkToMarketMonth3Value" type="DecimalNAExRestricted15p0Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetCashCollateralMonth1Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetCashCollateralMonth2Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetCashCollateralMonth3Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetSecuritiesCollateralMonth1Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetSecuritiesCollateralMonth2Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetSecuritiesCollateralMonth3Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetOtherCollateralMonth1Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetOtherCollateralMonth2Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetOtherCollateralMonth3Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotalFinancingAmount" type="UnsignedLongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays0To1Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays2To7Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays8To30Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays31To90Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays91To180Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays181To365Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays365MorePercent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2blItemEHedgeFundInvestorInfoType

Super-types: None

Sub-types: None

Name PFSection2blItemEHedgeFundInvestorInfoType**Abstract** no**XML Instance Representation**

```

<...>
  <!-- Q48-50 Hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q48(a) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any, is
  subject to a "side-pocket" arrangement? -->
  <SidePocketArrangementPercent> PercentType </SidePocketArrangementPercent> [1]
  <!-- Q48(b) - Have additional assets been placed in a side-pocket since the end of the prior reporting period -->
  <AdditionalAssetsInSidePocketCode> AdditionalAssetsInSidePocketCodeType </AdditionalAssetsInSidePocketCode> [1]
  <!-- Q49(a) - Does the reporting fund provide investors with withdrawal/redemption rights in the ordinary course -->
  <ProvideWithdrawalRightsFlag> xsd:boolean </ProvideWithdrawalRightsFlag> [1]
  <!-- Q49(b) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any may be
  subjected to a suspension of investor withdrawals/redemptions by an adviser or fund governing body -->
  <WithdrawalSuspensionMaybeSubjectedPercent> PercentType </WithdrawalSuspensionMaybeSubjectedPercent> [0..1]
  <!-- Q49(c) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any may be
  subjected to material restrictions on investor withdrawals/ redemptions (e.g., "gates") by an adviser or fund
  governing body -->
  <WithdrawalMaterialRestrictionMaybeSubjectedPercent> PercentType
  </WithdrawalMaterialRestrictionMaybeSubjectedPercent> [0..1]
  <!-- Q49(d) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any is
  subject to a suspension of investor withdrawals/redemptions -->
  <WithdrawalSuspensionIsSubjectedPercent> PercentType </WithdrawalSuspensionIsSubjectedPercent> [0..1]
  <!-- Q49(e) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any is
  subject to a material restriction on investor withdrawals/redemptions -->
  <WithdrawalMaterialRestrictionIsSubjectedPercent> PercentType </WithdrawalMaterialRestrictionIsSubjectedPercent>
  [0..1]
  <!-- Q50 - % of NAV - 1 day or less -->
  <InvestorLiquidityInDays0To1Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays0To1Percent> [1]
  <!-- Q50 - % of NAV - 2 days - 7 days -->
  <InvestorLiquidityInDays2To7Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays2To7Percent> [1]
  <!-- Q50 - % of NAV - 8 days - 30 days -->
  <InvestorLiquidityInDays8To30Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays8To30Percent> [1]
  <!-- Q50 - % of NAV - 31 days - 90 days -->
  <InvestorLiquidityInDays31To90Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays31To90Percent> [1]
  <!-- Q50 - % of NAV - 91 days - 180 days -->
  <InvestorLiquidityInDays91To180Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays91To180Percent> [1]
  <!-- Q50 - % of NAV - 181 days - 365 days -->
  <InvestorLiquidityInDays181To365Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays181To365Percent> [1]
  <!-- Q50 - % of NAV - Longer than 365 days -->
  <InvestorLiquidityInDays365MorePercent> UnsignedLongRestricted15Type </InvestorLiquidityInDays365MorePercent> [1]
</...>

```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemEHedgeFundInvestorInfoType" >
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="SidePocketArrangementPercent" type="PercentType" minOccurs="1"/>
    <xsd:element name="AdditionalAssetsInSidePocketCode" type="AdditionalAssetsInSidePocketCodeType" minOccurs="1"/>
    <xsd:element name="ProvideWithdrawalRightsFlag" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="WithdrawalSuspensionMaybeSubjectedPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="WithdrawalMaterialRestrictionMaybeSubjectedPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="WithdrawalSuspensionIsSubjectedPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="WithdrawalMaterialRestrictionIsSubjectedPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="InvestorLiquidityInDays0To1Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays2To7Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays8To30Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays31To90Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays91To180Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays181To365Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays365MorePercent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3FinancingInfoMeasureType

Super-types: None

Sub-types: None

Name PFSection3FinancingInfoMeasureType

Abstract no

XML Instance Representation

```
<...>
  <!-- Q56(b) Maturity Days Code -->
  <LiquidityFinancingMaturityTypeCode> LiquidityFinancingMaturityTypeCodeType </LiquidityFinancingMaturityTypeCode> [1]
  <!-- Q56(b) - 1 day or less. -->
  <BorrowedAmountMaturityInDays0To1Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays0To1Amount> [1]
  <!-- Q56(b) - 2 days to 7 days. -->
  <BorrowedAmountMaturityInDays2To7Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays2To7Amount> [1]
  <!-- Q56(b) - 8 days to 30 days. -->
  <BorrowedAmountMaturityInDays8To30Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays8To30Amount> [1]
  <!-- Q56(b) - 31 days to 397 days. -->
  <BorrowedAmountMaturityInDays31To397Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays31To397Amount>
  [1]
  <!-- Q56(b) - Greater than 397 days. -->
  <BorrowedAmountMaturityInDays397MoreAmount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays397MoreAmount>
  [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3FinancingInfoMeasureType">
  <xsd:sequence>
    <xsd:element name="LiquidityFinancingMaturityTypeCode" type="LiquidityFinancingMaturityTypeCodeType" />
    <xsd:element name="BorrowedAmountMaturityInDays0To1Amount" type="UnsignedLongRestricted15Type" />
    <xsd:element name="BorrowedAmountMaturityInDays2To7Amount" type="UnsignedLongRestricted15Type" />
    <xsd:element name="BorrowedAmountMaturityInDays8To30Amount" type="UnsignedLongRestricted15Type" />
    <xsd:element name="BorrowedAmountMaturityInDays31To397Amount" type="UnsignedLongRestricted15Type" />
    <xsd:element name="BorrowedAmountMaturityInDays397MoreAmount" type="UnsignedLongRestricted15Type" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemALiquidityOperationalInfoType

Super-types: None

Sub-types: None

Name PFSection3ItemALiquidityOperationalInfoType

Abstract no

Documentation Elements of this type represent Section 3 - Item A - Information about the liquidity funds you advise - Operational Information.

XML Instance Representation

```
<...>
  <!-- Q51(b): Liquidity (or Other) fund identification number of the reporting fund included in Section 3. -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q52: Does the reporting fund use the amortized cost method of valuation in computing its net asset value -->
  <UseAmortizedCostMethod> xsd:boolean </UseAmortizedCostMethod> [1]
  <!-- Q53: Does the reporting fund use the penny rounding method of pricing in computing its net asset value -->
  <UsePennyRoundingMethod> xsd:boolean </UsePennyRoundingMethod> [1]
  <!-- Q54(a) Does the reporting fund have a policy of complying with the risk limiting conditions of rule 2a-7 -->
  <ComplyRule2a7RiskCondition> xsd:boolean </ComplyRule2a7RiskCondition> [1]
  <!-- Q54(b)(i) Specifying if the reporting fund has a policy of complying with the diversification conditions -->
  <ComplyRule2a7DiversificationCondition> xsd:boolean </ComplyRule2a7DiversificationCondition> [0..1]
  <!-- Q54(b)(ii) Specifying if the reporting fund has a policy of complying with the credit quality conditions -->
  <ComplyRule2a7CreditQualityCondition> xsd:boolean </ComplyRule2a7CreditQualityCondition> [0..1]
  <!-- Q54(b)(iii) Specifying if the reporting fund has a policy of complying with the liquidity conditions -->
  <ComplyRule2a7LiquidityCondition> xsd:boolean </ComplyRule2a7LiquidityCondition> [0..1]
  <!-- Q54(b)(iv) Specifying if the reporting fund has a policy of complying with the maturity conditions -->
  <ComplyRule2a7MaturityCondition> xsd:boolean </ComplyRule2a7MaturityCondition> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemALiquidityOperationalInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="UseAmortizedCostMethod" type="xsd:boolean"/>
    <xsd:element name="UsePennyRoundingMethod" type="xsd:boolean"/>
    <xsd:element name="ComplyRule2a7RiskCondition" type="xsd:boolean"/>
    <xsd:element name="ComplyRule2a7DiversificationCondition" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="ComplyRule2a7CreditQualityCondition" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="ComplyRule2a7LiquidityCondition" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="ComplyRule2a7MaturityCondition" type="xsd:boolean" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemBLiquidityAssetsType

<i>Super-types:</i>	None
<i>Sub-types:</i>	None

Name	PFSection3ItemBLiquidityAssetsType
Abstract	no
Documentation	(Schema Documentation Continued on the Next Page...)


```
<...>
<!-- Section 3 - Item B - Q55 - Liquidity Fund identification number of the reporting fund -->
<FundID> FundIDType </FundID> [1]
<!-- 55(a) Net asset value of reporting fund - 1st Month -->
<NAVMonth1Amount> LongRestricted15Type </NAVMonth1Amount> [1]
<!-- 55(a) Net asset value of reporting fund - 2nd Month -->
<NAVMonth2Amount> LongRestricted15Type </NAVMonth2Amount> [1]
<!-- 55(a) Net asset value of reporting fund - 3rd Month -->
<NAVMonth3Amount> LongRestricted15Type </NAVMonth3Amount> [1]
<!-- 55(b) Net asset value per share of reporting fund - 1st Month -->
<NAVPerShareMonth1Amount> DecimalRestricted15p4Type </NAVPerShareMonth1Amount> [1]
<!-- 55(b) Net asset value per share of reporting fund - 2nd Month -->
<NAVPerShareMonth2Amount> DecimalRestricted15p4Type </NAVPerShareMonth2Amount> [1]
<!-- 55(b) Net asset value per share of reporting fund - 3rd Month -->
<NAVPerShareMonth3Amount> DecimalRestricted15p4Type </NAVPerShareMonth3Amount> [1]
<!-- 55(c) Market-based net asset value per share of reporting fund - 1st Month -->
<NAVPerShareMarketBasedMonth1Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth1Amount> [1]
<!-- 55(c) Market-based net asset value per share of reporting fund - 2nd Month -->
<NAVPerShareMarketBasedMonth2Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth2Amount> [1]
<!-- 55(c) Market-based net asset value per share of reporting fund - 3rd Month -->
<NAVPerShareMarketBasedMonth3Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth3Amount> [1]
<!-- 55(d) WAM of reporting fund - 1st Month -->
<WAMMonth1Amount> UnsignedDecimalRestricted15p2Type </WAMMonth1Amount> [1]
<!-- 55(d) WAM of reporting fund - 2nd Month -->
<WAMMonth2Amount> UnsignedDecimalRestricted15p2Type </WAMMonth2Amount> [1]
<!-- 55(d) WAM of reporting fund - 3rd Month -->
<WAMMonth3Amount> UnsignedDecimalRestricted15p2Type </WAMMonth3Amount> [1]
<!-- 55(e) WAL of reporting fund - 1st Month -->
<WALMonth1Amount> UnsignedDecimalRestricted15p2Type </WALMonth1Amount> [1]
<!-- 55(e) WAL of reporting fund - 2nd Month -->
<WALMonth2Amount> UnsignedDecimalRestricted15p2Type </WALMonth2Amount> [1]
<!-- 55(e) WAL of reporting fund - 3rd Month -->
<WALMonth3Amount> UnsignedDecimalRestricted15p2Type </WALMonth3Amount> [1]
<!-- 55(f) 7-day gross yield of reporting fund - 1st Month -->
<SevenDayGrossYieldMonth1Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth1Amount> [1]
<!-- 55(f) 7-day gross yield of reporting fund - 2nd Month -->
<SevenDayGrossYieldMonth2Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth2Amount> [1]
<!-- 55(f) 7-day gross yield of reporting fund - 3rd Month -->
<SevenDayGrossYieldMonth3Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth3Amount> [1]
<!-- 55(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 1st Month -->
<AssetsDailyLiquidMonth1Amount> LongRestricted15Type </AssetsDailyLiquidMonth1Amount> [1]
<!-- 55(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 2nd Month -->
<AssetsDailyLiquidMonth2Amount> LongRestricted15Type </AssetsDailyLiquidMonth2Amount> [1]
<!-- 55(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 3rd Month -->
<AssetsDailyLiquidMonth3Amount> LongRestricted15Type </AssetsDailyLiquidMonth3Amount> [1]
<!-- 55(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 1st Month -->
<AssetsWeeklyLiquidMonth1Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth1Amount> [1]
<!-- 55(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 2nd Month -->
<AssetsWeeklyLiquidMonth2Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth2Amount> [1]
<!-- 55(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 3rd Month -->
<AssetsWeeklyLiquidMonth3Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth3Amount> [1]
<!-- 55(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 1st Month -->
<AssetsMaturityGreater397DaysMonth1Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth1Amount> [1]
<!-- 55(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 2nd Month -->
<AssetsMaturityGreater397DaysMonth2Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth2Amount> [1]
<!-- 55(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 3rd Month -->
<AssetsMaturityGreater397DaysMonth3Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth3Amount> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemBLiquidityAssetsType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="NAVMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVMonth3Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVPerShareMonth1Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVPerShareMonth2Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVPerShareMonth3Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVPerShareMarketBasedMonth1Amount" type="DecimalRestricted15p4Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="NAVPerShareMarketBasedMonth2Amount" type="DecimalRestricted15p4Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="NAVPerShareMarketBasedMonth3Amount" type="DecimalRestricted15p4Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="WAMMonth1Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WAMMonth2Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WAMMonth3Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WALMonth1Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WALMonth2Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WALMonth3Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SevenDayGrossYieldMonth1Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SevenDayGrossYieldMonth2Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SevenDayGrossYieldMonth3Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsDailyLiquidMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsDailyLiquidMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsDailyLiquidMonth3Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsWeeklyLiquidMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsWeeklyLiquidMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsWeeklyLiquidMonth3Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsMaturityGreater397DaysMonth1Amount" type="LongRestricted15Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="AssetsMaturityGreater397DaysMonth2Amount" type="LongRestricted15Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="AssetsMaturityGreater397DaysMonth3Amount" type="LongRestricted15Type" minOccurs="1"
maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemCLiquidityFinancingInfoType

Super-types: None

Sub-types: None

Name PFSection3ItemCLiquidityFinancingInfoType

Abstract no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q56(a): Is the amount of total borrowing reported in response to Question 12 equal to or greater than 5% of the
  reporting fund's net asset value? -->
  <BorrowedTotalAmountGreater5Percent> xsd:boolean </BorrowedTotalAmountGreater5Percent> [1]
  <!-- Q56(b) -->
  <FinancingBorrowingList> [0..1]
    <PFSection3ItemCLiquidityFinancingInfoItem> PFSection3FinancingInfoMeasureType
    </PFSection3ItemCLiquidityFinancingInfoItem> [1..8]
  </FinancingBorrowingList>
  <!-- Q57(a): Does the reporting fund have in place one or more committed liquidity facilities? -->
  <HasCommittedLiquidityFacilities> xsd:boolean </HasCommittedLiquidityFacilities> [1]
  <!-- Q57(b): If you responded "yes" to Question 57(a), provide the aggregate dollar amount of commitments under the
  liquidity facilities -->
  <CommittedLiquidityFacilitiesAmount> PositiveLongRestricted15Type </CommittedLiquidityFacilitiesAmount> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemCLiquidityFinancingInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="BorrowedTotalAmountGreater5Percent" type="xsd:boolean"/>
    <xsd:element name="FinancingBorrowingList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemCLiquidityFinancingInfoItem" type="PFSection3FinancingInfoMeasureType"
            maxOccurs="8"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="HasCommittedLiquidityFacilities" type="xsd:boolean"/>
    <xsd:element name="CommittedLiquidityFacilitiesAmount" type="PositiveLongRestricted15Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemDLiquidityInvestorInfoType

Super-types: None

Sub-types: None

Name PFSection3ItemDLiquidityInvestorInfoType

Abstract no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q58 - the number of outstanding shares or units of the reporting fund's stock or similar securities -->
  <NumberOfOutstandingShares> UnsignedLongRestricted15Type </NumberOfOutstandingShares> [1]
  <!-- Q59(a) - the percentage of the reporting fund's equity beneficially owned by the beneficial owner having the
  largest equity interest in the reporting fund -->
  <TopBeneficiallyOwnedEquityPercent> PercentType </TopBeneficiallyOwnedEquityPercent> [1]
  <!-- Q59(b) - the number of investors owning more than 5% of the reporting fund's equity -->
  <NumberOfInvestorsBeneficiallyOwnMore5Percent> UnsignedLongRestricted15Type
  </NumberOfInvestorsBeneficiallyOwnMore5Percent> [1]
  <!-- Q60 - the estimate of the reporting fund's outstanding equity purchased using securities lending collateral -->
  <PercentEquityPurchasedUsingSecuritiesLendingCollateral> PercentType
  </PercentEquityPurchasedUsingSecuritiesLendingCollateral> [1]
  <!-- Q61(a) - Percentage of the fund's NAV which may be subjected to a suspension of investor withdrawals/redemptions
  by an adviser or fund governing body -->
  <WithdrawalSuspensionMaybeSubjectedPercent> PercentType </WithdrawalSuspensionMaybeSubjectedPercent> [1]
  <!-- Q61(b) - Percentage of the fund's NAV which may be subjected to material restrictions on investor
  withdrawals/redemptions -->
  <WithdrawalMaterialRestrictionMaybeSubjectedPercent> PercentType
  </WithdrawalMaterialRestrictionMaybeSubjectedPercent> [1]
  <!-- Q61(c) Percentage of the fund's NAV subject to a suspension of investor withdrawals/redemptions -->
  <WithdrawalSuspensionIsSubjectedPercent> PercentType </WithdrawalSuspensionIsSubjectedPercent> [1]
  <!-- Q61(d) Percentage of the fund's NAV subject to a material restriction on investor withdrawals/redemptions -->
  <WithdrawalMaterialRestrictionIsSubjectedPercent> PercentType </WithdrawalMaterialRestrictionIsSubjectedPercent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 1 day or less -->
  <InvestorLiquidityInDays0To1Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays0To1Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 2 days - 7 days -->
  <InvestorLiquidityInDays2To7Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays2To7Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 8 days - 30 days -->
  <InvestorLiquidityInDays8To30Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays8To30Percent> [1]
  <!-- Q62 v- Investor liquidity - % of NAV locked for 31 days - 90 days -->
  <InvestorLiquidityInDays31To90Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays31To90Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 91 days - 180 days -->
  <InvestorLiquidityInDays91To180Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays91To180Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 181 days - 365 days -->
  <InvestorLiquidityInDays181To365Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays181To365Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for Longer than 365 days -->
  <InvestorLiquidityInDays365MorePercent> UnsignedLongRestricted15Type </InvestorLiquidityInDays365MorePercent> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemDLiquidityInvestorInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="NumberOfOutstandingShares" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="TopBeneficiallyOwnedEquityPercent" type="PercentType"/>
    <xsd:element name="NumberOfInvestorsBeneficiallyOwnMore5Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentEquityPurchasedUsingSecuritiesLendingCollateral" type="PercentType"/>
    <xsd:element name="WithdrawalSuspensionMaybeSubjectedPercent" type="PercentType"/>
    <xsd:element name="WithdrawalMaterialRestrictionMaybeSubjectedPercent" type="PercentType"/>
    <xsd:element name="WithdrawalSuspensionIsSubjectedPercent" type="PercentType"/>
    <xsd:element name="WithdrawalMaterialRestrictionIsSubjectedPercent" type="PercentType"/>
    <xsd:element name="InvestorLiquidityInDays0To1Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays2To7Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays8To30Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays31To90Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays91To180Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays181To365Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays365MorePercent" type="UnsignedLongRestricted15Type"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemEEnhancementCreditAgencyNameAndRatingType

Super-types: None

Sub-types: None

Name	PFSection3ItemEEnhancementCreditAgencyNameAndRatingType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 n (iii) Enhancement Credit Agency Name and Rating information.

XML Instance Representation

```
<...>  
  <!-- Section 3 - Item E - 63(n) (iii) Enhancement Credit Rating Agency Name -->  
  <EnhancementCreditRatingAgencyName> StringRestricted150Type </EnhancementCreditRatingAgencyName> [1]  
  <!-- Section 3 - Item E - 63 (n) (iii)Enhancement Rating -->  
  <EnhancementCreditRating> StringRestricted20Type </EnhancementCreditRating> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemEEnhancementCreditAgencyNameAndRatingType">  
  <xsd:sequence>  
    <xsd:element name="EnhancementCreditRatingAgencyName" type="StringRestricted150Type" minOccurs="1"/>  
    <xsd:element name="EnhancementCreditRating" type="StringRestricted20Type" minOccurs="1"/>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType

Super-types: None

Sub-types: None

Name	PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 (m) (ii) Guarantee Credit Agency Name and Rating information

XML Instance Representation

```
<...>
  <!-- Section 3 - Item D - 63(m) (ii) Guarantee Credit Agency Name -->
  <GuaranteeCreditRatingAgencyName> StringRestricted150Type </GuaranteeCreditRatingAgencyName> [1]
  <!-- Section 3 - Item D - 63 (m) (ii) Guarantee Rating -->
  <GuaranteeCreditRating> StringRestricted20Type </GuaranteeCreditRating> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType">
  <xsd:sequence>
    <xsd:element name="GuaranteeCreditRatingAgencyName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="GuaranteeCreditRating" type="StringRestricted20Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecuritiesItemType

Super-types: None

Sub-types: None

Name	PFSection3ItemELiquiditySecuritiesItemType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 Liquidity Portfolio Information List

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63 Reporting Period Month -->
  <ReportingPeriodMonth> xs:positiveInteger (1 <= value <= 3) </ReportingPeriodMonth> [1]
  <!-- Section 3 - Item E - 63(a) Name of the issuer -->
  <IssuerName> StringRestricted150Type </IssuerName> [1]
  <!-- Section 3 - Item E - 63(b) Title of the issue -->
  <IssuerTitle> StringRestricted150Type </IssuerTitle> [1]
  <!-- Section 3 - Item E - 63(c) CUSIP -->
  <CUSIP> StringRestricted9Type </CUSIP> [0..1]
  <!-- Section 3 - Item E - 63(d) LEI, if available -->
  <LegalEntityID> LEIType </LegalEntityID> [0..1]
  <!-- Section 3 - Item E - 63 (e)(i) ISIN -->
  <ISINNumber> StringRestricted12Type </ISINNumber> [0..1]
  <!-- Section 3 - Item E - 63 (e)(ii) CIK -->
  <CIKNumber> PositiveLongNAExRestricted10Type </CIKNumber> [0..1]
  <!-- Section 3 - Item E - 63 (e)(iii) Other unique identifier -->
  <OtherUniqueID> StringRestricted150Type </OtherUniqueID> [0..1]
  <!-- Section 3 - Item E - 63(f) Investment Category -->
  <InvestmentCategory> InvestmentCategoryType </InvestmentCategory> [1]
  <!-- Section 3 - Item E - 63(f) Description if 'Investment Category' is 'Other' -->
  <InvestmentCategoryOther> StringRestricted256Type </InvestmentCategoryOther> [0..1]
  <!-- Section 3 - Item E - 63(g) Flag to indicate there are no repos to report (Y = None to report, N = Repos to report) -->
  <HasNoRepo> xsd:boolean </HasNoRepo> [1]
  <!-- Section 3 - Item E - 63 (g)(i) Whether the repo is "open" -->
  <RepoOpen> xsd:boolean </RepoOpen> [0..1]
  <!-- Section 3 - Item E - 63 (g)(ii - ix) Liquidity Security Repo information details. -->
  <LiquiditySecurityReposList> [0..1]
    <PFSection3ItemELiquiditySecurityRepo> PFSection3ItemELiquiditySecurityRepoType
    </PFSection3ItemELiquiditySecurityRepo> [0..*]
  </LiquiditySecurityReposList>
  <!-- Section 3 - Item E - 63(h) Flag to indicate there are no Credit Rating Agencies to report (Y = None to report, N = Agencies to report) -->
  <HasNoCreditAgency> xsd:boolean </HasNoCreditAgency> [1]
  <!-- Section 3 - Item E - 63 (h) Liquidity Security Credit Rating Agency information details -->
  <LiquiditySecurityCreditRatingAgencyList> [0..1]
    <PFSection3ItemELiquiditySecurityCreditRatingAgency> PFSection3ItemELiquiditySecurityCreditRatingAgencyType
    </PFSection3ItemELiquiditySecurityCreditRatingAgency> [0..*]
  </LiquiditySecurityCreditRatingAgencyList>
  <!-- Section 3 - Item E - 63(i) The maturity date used to calculate WAM -->
  <WAMMaturityDate> DateNAExType </WAMMaturityDate> [1]
  <!-- Section 3 - Item E - 63(j) The maturity date used to calculate WAL -->
  <WALMaturityDate> DateNAExType </WALMaturityDate> [1]
  <!-- Section 3 - Item E - 63 (k) Ultimate Legal Maturity Date -->
  <UltimateLegalMaturityDate> DateNAExType </UltimateLegalMaturityDate> [1]
  <!-- Section 3 - Item E - 63(l) Flag to indicate that the security has no demand features (Y = None to report, N = Demands to report) -->
  <HasNoDemandFeatures> xsd:boolean </HasNoDemandFeatures> [1]
  <!-- Section 3 - Item E - 63 (l) Liquidity Security Demand Features information details -->
  <DemandFeaturesSecurityList> [0..1]
    <PFSection3ItemELiquiditySecurityDemandFeatures> PFSection3ItemELiquiditySecurityDemandFeaturesType
    </PFSection3ItemELiquiditySecurityDemandFeatures> [0..*]
  </DemandFeaturesSecurityList>
  <!-- Section 3 - Item E - 63(m) Flag to indicate that the security has no guarantees (Y = None to report, N = guarantees to report) -->
  <HasNoGuarantee> xsd:boolean </HasNoGuarantee> [1]
```



```

<!-- Section 3 - Item E - 63(m) Liquidity Security Guarantee information details -->
<SecurityGuaranteeList> [0..1]
  <PFSection3ItemELiquiditySecurityGuarantee> PFSection3ItemELiquiditySecurityGuaranteeType
  </PFSection3ItemELiquiditySecurityGuarantee> [0..*]
</SecurityGuaranteeList>

<!-- Section 3 - Item E - 63(n) Flag to indicate the security has no enhancements (Y = None to report, N =
enhancements to report) -->
<HasNoEnhancement> xsd:boolean </HasNoEnhancement> [1]

<!-- Section 3 - Item E - 63 (n) Liquidity Security Enhancement information details -->
<EnhancementList> [0..1]
  <PFSection3ItemELiquiditySecurityEnhancement> PFSection3ItemELiquiditySecurityEnhancementType
  </PFSection3ItemELiquiditySecurityEnhancement> [0..*]
</EnhancementList>

<!-- Section 3 - Item E - 63(o) Yield -->
<SecurityYield> DecimalNAExRestricted12p2RequiredDecimalType </SecurityYield> [1]

<!-- Section 3 - Item E - 63(p)(i) Value inclusive of sponsor support -->
<SponsorSupportValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportValue> [1]

<!-- Section 3 - Item E - 63 (p)(i) Value inclusive of sponsor support amortized -->
<SponsorSupportAmortizedValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportAmortizedValue>
[0..1]

<!-- Section 3 - Item E - 63(p)(ii) Value excluding sponsor support -->
<SponsorSupportValueExcluded> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportValueExcluded> [1]

<!-- Section 3 - Item E - 63 (p)(ii) Value excluding sponsor support amortized -->
<SponsorSupportAmortizedValueExcluded> PositiveDecimalNAExRestricted12p2RequiredDecimalType
</SponsorSupportAmortizedValueExcluded> [0..1]

<!-- Section 3 - Item E - 63(q) NAV -->
<PercentNavSecurity> UnsignedDecimalNAExRestricted7p2RequiredDecimalType </PercentNavSecurity> [1]

<!-- Section 3 - Item E - 63(r) Level 3 Asset or Liability -->
<IsSecurityAssetOrLiability> xsd:boolean </IsSecurityAssetOrLiability> [1]

<!-- Section 3 - Item E - 63(s) Daily Liquid Asset -->
<IsSecurityDailyAsset> xsd:boolean </IsSecurityDailyAsset> [1]

<!-- Section 3 - Item E - 63(t) Weekly Liquid Asset -->
<IsSecurityWeeklyAsset> xsd:boolean </IsSecurityWeeklyAsset> [1]

<!-- Section 3 - Item E - 63(u) Illiquid Security -->
<IsSecurityIlliquid> xsd:boolean </IsSecurityIlliquid> [1]

<!-- Section 3 - Item E - 63(v) Notes -->
<PortfolioOtherDescription> StringRestricted256Type </PortfolioOtherDescription> [0..1]
</...>

```

Schema Component Representation

```

<xsd:complexType name="PFSection3ItemELiquiditySecuritiesItemType">
  <xsd:sequence>
    <xsd:element name="ReportingPeriodMonth" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xs:positiveInteger">
          <xsd:minInclusive value="1"/>
          <xsd:maxInclusive value="3"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="IssuerName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="IssuerTitle" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="CUSIP" type="StringRestricted9Type" minOccurs="0"/>
    <xsd:element name="LegalEntityID" type="LEIType" minOccurs="0"/>
    <xsd:element name="ISINNumber" type="StringRestricted12Type" minOccurs="0"/>
    <xsd:element name="CIKNumber" type="PositiveLongNAExRestricted10Type" minOccurs="0"/>
    <xsd:element name="OtherUniqueID" type="StringRestricted150Type" minOccurs="0"/>
    <xsd:element name="InvestmentCategory" type="InvestmentCategoryType" minOccurs="1"/>
    <xsd:element name="InvestmentCategoryOther" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="HasNoRepo" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="RepoOpen" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="LiquiditySecurityReposList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemELiquiditySecurityRepo" type="PFSection3ItemELiquiditySecurityRepoType"
            minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="HasNoCreditAgency" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="LiquiditySecurityCreditRatingAgencyList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemELiquiditySecurityCreditRatingAgency"

```

```

    type="PFSection3ItemELiquiditySecurityCreditRatingAgencyType" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="WAMMaturityDate" type="DateNAExType" minOccurs="1"/>
<xsd:element name="WALMaturityDate" type="DateNAExType" minOccurs="1"/>
<xsd:element name="UltimateLegalMaturityDate" type="DateNAExType" minOccurs="1"/>
<xsd:element name="HasNoDemandFeatures" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="DemandFeaturesSecurityList" minOccurs="0">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemELiquiditySecurityDemandFeatures"
        type="PFSection3ItemELiquiditySecurityDemandFeaturesType" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="HasNoGuarantee" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="SecurityGuaranteeList" minOccurs="0">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemELiquiditySecurityGuarantee"
        type="PFSection3ItemELiquiditySecurityGuaranteeType" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="HasNoEnhancement" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="EnhancementList" minOccurs="0">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemELiquiditySecurityEnhancement"
        type="PFSection3ItemELiquiditySecurityEnhancementType" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SecurityYield" type="DecimalNAExRestricted12p2RequiredDecimalType" minOccurs="1"/>
<xsd:element name="SponsorSupportValue" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType" minOccurs="1"/>
<xsd:element name="SponsorSupportAmortizedValue" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType"
minOccurs="0"/>
<xsd:element name="SponsorSupportValueExcluded" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType"
minOccurs="1"/>
<xsd:element name="SponsorSupportAmortizedValueExcluded"
type="PositiveDecimalNAExRestricted12p2RequiredDecimalType" minOccurs="0"/>
<xsd:element name="PercentNavSecurity" type="UnsignedDecimalNAExRestricted7p2RequiredDecimalType" minOccurs="1"/>
<xsd:element name="IsSecurityAssetOrLiability" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="IsSecurityDailyAsset" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="IsSecurityWeeklyAsset" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="IsSecurityIlliquid" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="PortfolioOtherDescription" type="StringRestricted256Type" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

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Complex Type: PFSection3ItemELiquiditySecuritiesType

Super-types: None

Sub-types: None

Name	PFSection3ItemELiquiditySecuritiesType
-------------	--

Abstract	no
-----------------	----

XML Instance Representation

```
<...>
  <PFSection3ItemELiquiditySecuritiesItem> PFSection3ItemELiquiditySecuritiesItemType
</PFSection3ItemELiquiditySecuritiesItem> [1..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecuritiesType">
  <xsd:sequence>
    <xsd:element name="PFSection3ItemELiquiditySecuritiesItem" type="PFSection3ItemELiquiditySecuritiesItemType"
      maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecurityCreditRatingAgencyType

Super-types: None

Sub-types: None

Name	PFSection3ItemELiquiditySecurityCreditRatingAgencyType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63(h) Liquidity Security Credit Rating Agency Name and Rating information.

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(h) Credit Agency Name -->
  <CreditRatingAgencyName> StringRestricted150Type </CreditRatingAgencyName> [1]
  <!-- Section 3 - Item E - 63(h) Credit Agency Rating -->
  <CreditAgencyRating> StringRestricted20Type </CreditAgencyRating> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityCreditRatingAgencyType">
  <xsd:sequence>
    <xsd:element name="CreditRatingAgencyName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="CreditAgencyRating" type="StringRestricted20Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType

Super-types: None

Sub-types: None

Name	PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 (l) (ii) Liquidity Security Demand Credit Agency Name and Rating information

XML Instance Representation

```
<...>  
  <!-- Section 3 - Item E - 63 (l)(ii) Demand Credit Agency Name -->  
  <DemandCreditRatingAgencyName> StringRestricted150Type </DemandCreditRatingAgencyName> [1]  
  <!-- Section 3 - Item E - 63(l)(ii) Demand Credit Agency Rating -->  
  <DemandCreditRating> StringRestricted20Type </DemandCreditRating> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType">  
  <xsd:sequence>  
    <xsd:element name="DemandCreditRatingAgencyName" type="StringRestricted150Type" minOccurs="1"/>  
    <xsd:element name="DemandCreditRating" type="StringRestricted20Type" minOccurs="1"/>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecurityDemandFeaturesType

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityDemandFeaturesType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 (l) (i - v) Liquidity Security Demand Features information details

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(1)(i) Identity of the demand feature issuer -->
  <DemandIssuer> StringRestricted150Type </DemandIssuer> [1]
  <!-- Section 3 - Item E - 63(1) (ii) Flag to indicate there are no demand credit agencies to report (Y = None to report, N = demand credit agencies to report) -->
  <HasNoCreditAgency> xsd:boolean </HasNoCreditAgency> [1]
  <!-- Section 3 - Item E - Q63 (1) (ii) Liquidity Security Demand Credit Agency information details -->
  <DemandCreditAgencyNameAndRatingList> [0..1]
  <PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRating>
    PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType
  </PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRating> [0..*]
</DemandCreditAgencyNameAndRatingList>
  <!-- Section 3 - Item E - 63(1) (iii) Demand Period -->
  <DemandPeriod> UnsignedDecimalNAExRestricted15Type </DemandPeriod> [1]
  <!-- Section 3 - Item E - 63(1) (iv) Demand Fractional Support -->
  <DemandSupport> UnsignedDecimalNAExRestricted4Type </DemandSupport> [1]
  <!-- Section 3 - Item E - 63(1) (v) Demand Conditional -->
  <IsDemandConditional> xsd:boolean </IsDemandConditional> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityDemandFeaturesType">
  <xsd:sequence>
    <xsd:element name="DemandIssuer" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="HasNoCreditAgency" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="DemandCreditAgencyNameAndRatingList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRating"
            type="PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType" minOccurs="0"
            maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="DemandPeriod" type="UnsignedDecimalNAExRestricted15Type" minOccurs="1"/>
    <xsd:element name="DemandSupport" type="UnsignedDecimalNAExRestricted4Type" minOccurs="1"/>
    <xsd:element name="IsDemandConditional" type="xsd:boolean" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecurityEnhancementType

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityEnhancementType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 n (i - iv) Liquidity Security Enhancement information details

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(n) (i) Identity of the enhancement provider -->
  <EnhancementIdentity> StringRestricted150Type </EnhancementIdentity> [1]
  <!-- Section 3 - Item E - 63(n) (ii) The type of enhancement -->
  <EnhancementType> StringRestricted150Type </EnhancementType> [1]
  <!-- Section 3 - Item E - 63(n) (iii) Flag indicating that the Security Enhancement has no Enhancement Credit Agencies (Y = None to report, N = Credit Agencies to report) -->
  <HasNoEnhancementCreditAgency> xsd:boolean </HasNoEnhancementCreditAgency> [1]
  <!-- Section 3 - Item E - 63 (n) Enhancement Credit Agency information details -->
  <EnhancementCreditAgencyNameAndRatingList> [0..1]
    <PFSection3ItemEEnhancementCreditAgencyNameAndRating> PFSection3ItemEEnhancementCreditAgencyNameAndRatingType
  </PFSection3ItemEEnhancementCreditAgencyNameAndRating> [0..*]
  </EnhancementCreditAgencyNameAndRatingList>
  <!-- Section 3 - Item E - 63(n) (iv) Enhancement Fractional Support -->
  <EnhancementSupport> UnsignedDecimalNAExRestricted4Type </EnhancementSupport> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityEnhancementType">
  <xsd:sequence>
    <xsd:element name="EnhancementIdentity" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="EnhancementType" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="HasNoEnhancementCreditAgency" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="EnhancementCreditAgencyNameAndRatingList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemEEnhancementCreditAgencyNameAndRating"
            type="PFSection3ItemEEnhancementCreditAgencyNameAndRatingType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="EnhancementSupport" type="UnsignedDecimalNAExRestricted4Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecurityGuaranteeType

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityGuaranteeType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63m(i-iii) Liquidity Security Guarantee information details

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(m) (i) Identity of Guarantor -->
  <GuaranteeName> StringRestricted150Type </GuaranteeName> [1]
  <!-- Section 3 - Item D - 63(m) (ii) Flag to indicate the Guarantor has no Credit Agencies (Y = None to report, N = Demands to report) -->
  <HasNoGuaranteeCreditAgency> xsd:boolean </HasNoGuaranteeCreditAgency> [1]
  <!-- Section 3 - Item E - 63 (m) (ii) Guarantee Credit Agency information details -->
  <GuaranteeCreditAgencyNameAndRatingList> [0..1]
    <PFSection3ItemEGuaranteeCreditAgencyNameAndRating> PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType
    </PFSection3ItemEGuaranteeCreditAgencyNameAndRating> [0..*]
  </GuaranteeCreditAgencyNameAndRatingList>
  <!-- Section 3 - Item D - 63(m) (iii) Guarantee Fractional Support Amount -->
  <GuaranteeFractionalSupport> UnsignedDecimalNAExRestricted4Type </GuaranteeFractionalSupport> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityGuaranteeType">
  <xsd:sequence>
    <xsd:element name="GuaranteeName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="HasNoGuaranteeCreditAgency" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="GuaranteeCreditAgencyNameAndRatingList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemEGuaranteeCreditAgencyNameAndRating"
            type="PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GuaranteeFractionalSupport" type="UnsignedDecimalNAExRestricted4Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecurityInfoType

Super-types: None

Sub-types: None

Name PFSection3ItemELiquiditySecurityInfoType

Abstract no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Section 3 - Item E - 63 Flag to indicate there are no securities to report (Y = None to report, N = securities
to report) -->
  <HasNoSecurities> xsd:boolean </HasNoSecurities> [1]
  <PFSection3ItemELiquiditySecuritiesList> PFSection3ItemELiquiditySecuritiesType
  </PFSection3ItemELiquiditySecuritiesList> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType" />
    <xsd:element name="HasNoSecurities" type="xsd:boolean" minOccurs="1" />
    <xsd:element name="PFSection3ItemELiquiditySecuritiesList" type="PFSection3ItemELiquiditySecuritiesType"
minOccurs="0" maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecurityRepoType

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityRepoType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 (g) (ii - ix) Liquidity Security Repo information details

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - Q63(g) (ii) Name of the collateral issuer -->
  <IssuerName> StringRestricted150Type </IssuerName> [1]
  <!-- Section 3 - Item E - Q63(g) (iii) CUSIP -->
  <CUSIP> StringRestricted9Type </CUSIP> [0..1]
  <!-- Section 3 - Item E - Q63(g) (iv) LEI, if available -->
  <LEI> LEIType </LEI> [0..1]
  <!-- Section 3 - Item E - Q63(g) (v) Maturity Date -->
  <MaturityDate> DateNAExType </MaturityDate> [0..1]
  <!-- Section 3 - Item E - Q63(g) (v) If the Maturity Date is a date range, this element contains the start date -->
  <MaturityDateStart> DateNAExType </MaturityDateStart> [0..1]
  <!-- Section 3 - Item E - Q63(g) (v) If the Maturity Date is a date range, this element contains the end date -->
  <MaturityDateEnd> DateNAExType </MaturityDateEnd> [0..1]
  <!-- Section 3 - Item E - Q63(g) (vi) Coupon or yield -->
  <Coupon> StringRestricted25Type </Coupon> [1]
  <!-- Section 3 - Item E - Q63(g) (vii) Principal Amount -->
  <PrincipalAmount> PositiveDecimalNAExRestricted12p2RequiredDecimalType </PrincipalAmount> [1]
  <!-- Section 3 - Item E - Q63(g) (viii) Value of the collateral -->
  <CollateralValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </CollateralValue> [1]
  <!-- Section 3 - Item E - Q63(g) (ix) Repo Category -->
  <Category> RepoCategoryType </Category> [1]
  <!-- Section 3 - Item E - Q63(g) (ix) Description when the repo category is 'Other'. -->
  <CategoryOtherDesc> StringRestricted256Type </CategoryOtherDesc> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityRepoType">
  <xsd:sequence>
    <xsd:element name="IssuerName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="CUSIP" type="StringRestricted9Type" minOccurs="0"/>
    <xsd:element name="LEI" type="LEIType" minOccurs="0"/>
    <xsd:element name="MaturityDate" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="MaturityDateStart" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="MaturityDateEnd" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="Coupon" type="StringRestricted25Type" minOccurs="1"/>
    <xsd:element name="PrincipalAmount" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType" minOccurs="1"/>
    <xsd:element name="CollateralValue" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType" minOccurs="1"/>
    <xsd:element name="Category" type="RepoCategoryType" minOccurs="1"/>
    <xsd:element name="CategoryOtherDesc" type="StringRestricted256Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemFLiquidityParallelMoneyMarketInfoType

Super-types:	None
Sub-types:	None

Name	PFSection3ItemFLiquidityParallelMoneyMarketInfoType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item F - Parallel Money Market Funds.

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q64 - MMF Series Number -->
  <MMFSeriesNumber> xs:string (pattern = ([Ss][0-9]{9})|(NA)) </MMFSeriesNumber> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemFLiquidityParallelMoneyMarketInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="MMFSeriesNumber" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xs:string">
          <xsd:pattern value="([Ss][0-9]{9})|(NA)"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection4ItemBPrivateEquityFinancingFinancialCompanyType

Super-types: None

Sub-types: None

Name	PFSection4ItemBPrivateEquityFinancingFinancialCompanyType
Abstract	no
Documentation	Elements of this type represent Q76(b) For each of the reporting fund's controlled portfolio companies that constitutes a financial industry portfolio company, provide the following information.

XML Instance Representation

```
<...>
  <!-- Q76(b) Legal Name -->
  <LegalName> StringRestricted256Type </LegalName> [1]
  <!-- Q76(b) Address - Number and Street 1 -->
  <Street1Name> StringRestricted50Type </Street1Name> [1]
  <!-- Q76(b) Address - Number and Street 2 -->
  <Street2Name> StringRestricted50Type </Street2Name> [0..1]
  <!-- Q76(b) Address - City -->
  <CityName> StringRestricted50Type </CityName> [1]
  <!-- Q76(b) Address - State -->
  <StateCode> StateCodeType </StateCode> [0..1]
  <!-- Q76(b) Address - Country -->
  <CountryCode> CountryCodeType </CountryCode> [1]
  <!-- Q76(b) Address - Zip -->
  <PostalCode> StringRestricted11Type </PostalCode> [0..1]
  <!-- Q76(b) NAICS code -->
  <NAICSCode> NAICSCodeType </NAICSCode> [1]
  <!-- Q76(b) LEI -->
  <LEI> LEIType </LEI> [0..1]
  <!-- Q76(b) Debt-to-equity ratio of portfolio company -->
  <PortfolioCompanyDebtEquityRatio> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatio> [1]
  <!-- Q76(b) Gross asset value of portfolio company -->
  <PortfolioCompanyGrossAssetValue> LongRestricted15Type </PortfolioCompanyGrossAssetValue> [1]
  <!-- Q76(b) % of reporting fund's gross assets invested in this portfolio company -->
  <PortfolioCompanyGrossAssetValueInvestedPercent> PercentType </PortfolioCompanyGrossAssetValueInvestedPercent> [1]
  <!-- Q76(b) % of portfolio company beneficially owned by the reporting fund -->
  <PortfolioCompanyBeneficiallyOwned> PercentType </PortfolioCompanyBeneficiallyOwned> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemBPrivateEquityFinancingFinancialCompanyType">
  <xsd:sequence>
    <xsd:element name="LegalName" type="StringRestricted256Type" />
    <xsd:element name="Street1Name" type="StringRestricted50Type" />
    <xsd:element name="Street2Name" type="StringRestricted50Type" minOccurs="0" />
    <xsd:element name="CityName" type="StringRestricted50Type" />
    <xsd:element name="StateCode" type="StateCodeType" minOccurs="0" />
    <xsd:element name="CountryCode" type="CountryCodeType" />
    <xsd:element name="PostalCode" type="StringRestricted11Type" minOccurs="0" />
    <xsd:element name="NAICSCode" type="NAICSCodeType" />
    <xsd:element name="LEI" type="LEIType" minOccurs="0" />
    <xsd:element name="PortfolioCompanyDebtEquityRatio" type="DecimalRestricted15p1Type" />
    <xsd:element name="PortfolioCompanyGrossAssetValue" type="LongRestricted15Type" />
    <xsd:element name="PortfolioCompanyGrossAssetValueInvestedPercent" type="PercentType" />
    <xsd:element name="PortfolioCompanyBeneficiallyOwned" type="PercentType" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection4ItemBPrivateEquityFinancingLoanType

Super-types: None

Sub-types: None

Name	PFSection4ItemBPrivateEquityFinancingLoanType
Abstract	no
Documentation	Elements of this type represent Q75(b) Identify each person that has provided all or part of any bridge loan or commitment to the relevant controlled portfolio company. For each such person, provide the applicable outstanding amount or commitment amount.

XML Instance Representation

```
<...>
  <!-- Q75(b) Creditor/Counterparty Name -->
  <PersonCode> CreditorCounterpartyType </PersonCode> [1]
  <!-- Q75(b) Other -->
  <PersonOtherName> StringRestricted256Type </PersonOtherName> [0..1]
  <!-- Q75(b) Outstanding amount of financing -->
  <DrawnAmount> LongRestricted15Type </DrawnAmount> [1]
  <!-- Q75(b) Amount of commitment -->
  <UndrawnAmount> LongRestricted15Type </UndrawnAmount> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemBPrivateEquityFinancingLoanType">
  <xsd:sequence>
    <xsd:element name="PersonCode" type="CreditorCounterpartyType"/>
    <xsd:element name="PersonOtherName" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="DrawnAmount" type="LongRestricted15Type"/>
    <xsd:element name="UndrawnAmount" type="LongRestricted15Type"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection4ItemBPrivateEquityFinancingType

Super-types: None

Sub-types: None

Name	PFSection4ItemBPrivateEquityFinancingType
Abstract	no
Documentation	Elements of this type represent Section 4 - Item B.

XML Instance Representation

```
<...>
  <!-- Private (or Other) fund identification number of the reporting fund included in Section 4 -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q66(a) Do you or any of your related persons guarantee, or are otherwise obligated to satisfy, the obligations
  of any portfolio company in which the reporting fund invests? -->
  <IsObligatedToPortfolioCompany> xsd:boolean </IsObligatedToPortfolioCompany> [1]
  <!-- Q66(b) Total outstanding balance of loan or other borrowing facilities as a dollar value -->
  <ObligatedTotalValue> PositiveLongRestricted15Type </ObligatedTotalValue> [0..1]
  <!-- Q67 The weighted average debt-to-equity ratio of the controlled portfolio companies in which the reporting fund
  invests -->
  <PortfolioCompanyDebtEquityRatioAverage> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioAverage> [1]
  <!-- Q68 The highest debt-to-equity ratio of any controlled portfolio company in which the reporting fund invests -->
  <PortfolioCompanyDebtEquityRatioHighest> PositiveDecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioHighest>
  [1]
  <!-- Q69 The lowest debt-to-equity ratio of the controlled portfolio company in which the reporting fund invests -->
  <PortfolioCompanyDebtEquityRatioLowest> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioLowest> [1]
  <!-- Q70 The aggregate gross asset value of the reporting fund's controlled portfolio companies -->
  <PortfolioCompanyAggregateGrossAssetValue> LongRestricted15Type </PortfolioCompanyAggregateGrossAssetValue> [1]
  <!-- Q71 Aggregate principal amount of borrowings categorized as current liabilities on the most recent balance
  sheets of the reporting fund's controlled portfolio companies -->
  <PortfolioCompanyAggregateBorrowingsCurrent> UnsignedLongRestricted15Type
  </PortfolioCompanyAggregateBorrowingsCurrent> [1]
  <!-- Q72 Aggregate principal amount of borrowings categorized as long-term liabilities on the most recent balance
  sheets of the reporting fund's controlled portfolio companies -->
  <PortfolioCompanyAggregateBorrowingsLongTerm> UnsignedLongRestricted15Type
  </PortfolioCompanyAggregateBorrowingsLongTerm> [1]
  <!-- Q73 Percentage of the aggregate borrowings of the reporting fund's controlled portfolio companies is payment-in-
  kind (PIK) or zero-coupon debt -->
  <PortfolioCompanyAggregateBorrowingsPIKPercent> PercentType </PortfolioCompanyAggregateBorrowingsPIKPercent> [1]
  <!-- Q74 Did the reporting fund or any of its controlled portfolio companies experience a default under any of its
  indentures, loan agreements or other instruments evidencing obligations for borrowed money -->
  <PortfolioCompanyDefaultFlag> xsd:boolean </PortfolioCompanyDefaultFlag> [1]
  <!-- Q75(a) Does any controlled portfolio company of the reporting fund have in place one or more bridge loans or
  commitments (subject to customary conditions) for a bridge loan -->
  <PortfolioCompanyHasBridgeLoans> xsd:boolean </PortfolioCompanyHasBridgeLoans> [1]
  <!-- Q75(b) Identify each person that has provided all or part of any bridge loan or commitment to the relevant
  controlled portfolio company. For each such person, provide the applicable outstanding amount or commitment amount --
  >
  <FinancingLoans> [0..1]
    <PFSection4ItemBPrivateEquityFinancingLoan> PFSection4ItemBPrivateEquityFinancingLoanType
    </PFSection4ItemBPrivateEquityFinancingLoan> [0..*]
  </FinancingLoans>
  <!-- Q76(a) Is any of the reporting fund's controlled portfolio companies a financial industry portfolio company? -->
  <PortfolioCompanyFinancialIndustryFlag> xsd:boolean </PortfolioCompanyFinancialIndustryFlag> [1]
  <!-- Q76(b) For each of the reporting fund's controlled portfolio companies that constitutes a financial industry
  portfolio company, provide the following information -->
  <FinancingCompanies> [0..1]
    <PFSection4ItemBPrivateEquityFinancingFinancialCompany> PFSection4ItemBPrivateEquityFinancingFinancialCompanyType
    </PFSection4ItemBPrivateEquityFinancingFinancialCompany> [0..*]
  </FinancingCompanies>
  <!-- Q77 % of reporting fund's total portfolio company investments -->
  <InvestmentIndustries> [1]
    <PFSection4ItemBPrivateEquityInvestmentIndustry> PFSection4ItemBPrivateEquityInvestmentIndustryType
    </PFSection4ItemBPrivateEquityInvestmentIndustry> [1..*]
  </InvestmentIndustries>
  <!-- Q78(a)i - Region - Africa -->
  <PercentNAVInAfrica> PercentType </PercentNAVInAfrica> [1]
```

```
<!-- Q78(a)(ii) - Region -Asia and Pacific -->
<PercentNAVInAsiaPacific> PercentType </PercentNAVInAsiaPacific> [1]
<!-- Q78(a)(iii) - Europe (EEA) -->
<PercentNAVInEuropeEEA> PercentType </PercentNAVInEuropeEEA> [1]
<!-- Q78(a)(iv) - Europe (other than EEA) -->
<PercentNAVInEuropeNonEEA> PercentType </PercentNAVInEuropeNonEEA> [1]
<!-- Q78(a)(v) - Region -Middle East -->
<PercentNAVInMiddleEast> PercentType </PercentNAVInMiddleEast> [1]
<!-- Q78(a)(vi) - Region -North America -->
<PercentNAVInNorthAmerica> PercentType </PercentNAVInNorthAmerica> [1]
<!-- Q78(a)(vii) - Region - South America -->
<PercentNAVInSouthAmerica> PercentType </PercentNAVInSouthAmerica> [1]
<!-- Q78 (a)(viii) - Region -Supranational -->
<PercentNAVInSupranational> PercentType </PercentNAVInSupranational> [1]
<!-- Q78(b)(i) - Country - Brazil -->
<PercentNAVInBrazil> PercentType </PercentNAVInBrazil> [1]
<!-- Q78(b)(ii) - Country - China -->
<PercentNAVInChina> PercentType </PercentNAVInChina> [1]
<!-- Q78(b)(iii) - Country - India -->
<PercentNAVInIndia> PercentType </PercentNAVInIndia> [1]
<!-- Q78(b)(iv) - Country - Japan -->
<PercentNAVInJapan> PercentType </PercentNAVInJapan> [1]
<!-- Q78(b)(v) - Country - Russia -->
<PercentNAVInRussia> PercentType </PercentNAVInRussia> [1]
<!-- Q78(b)(vi) - Country - United States -->
<PercentNAVInUS> PercentType </PercentNAVInUS> [1]
<!-- Q79 Aggregate dollar amount of investments -->
<PortfolioCompanyInvestedAmount> LongRestricted15Type </PortfolioCompanyInvestedAmount> [0..1]
</...>
```

Schema Component Representation

```

<xsd:complexType name="PFSection4ItemBPrivateEquityFinancingType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="IsObligatedToPortfolioCompany" type="xsd:boolean"/>
    <xsd:element name="ObligatedTotalValue" type="PositiveLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioAverage" type="DecimalRestricted15p1Type"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioHighest" type="PositiveDecimalRestricted15p1Type"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioLowest" type="DecimalRestricted15p1Type"/>
    <xsd:element name="PortfolioCompanyAggregateGrossAssetValue" type="LongRestricted15Type"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsCurrent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsLongTerm" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsPIKPercent" type="PercentType"/>
    <xsd:element name="PortfolioCompanyDefaultFlag" type="xsd:boolean"/>
    <xsd:element name="PortfolioCompanyHasBridgeLoans" type="xsd:boolean"/>
    <xsd:element name="FinancingLoans" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection4ItemBPrivateEquityFinancingLoan"
            type="PFSection4ItemBPrivateEquityFinancingLoanType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="PortfolioCompanyFinancialIndustryFlag" type="xsd:boolean"/>
    <xsd:element name="FinancingCompanies" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection4ItemBPrivateEquityFinancingFinancialCompany"
            type="PFSection4ItemBPrivateEquityFinancingFinancialCompanyType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="InvestmentIndustries">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection4ItemBPrivateEquityInvestmentIndustry"
            type="PFSection4ItemBPrivateEquityInvestmentIndustryType" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="PercentNAVInAfrica" type="PercentType"/>
    <xsd:element name="PercentNAVInAsiaPacific" type="PercentType"/>
    <xsd:element name="PercentNAVInEuropeEEA" type="PercentType"/>
    <xsd:element name="PercentNAVInEuropeNonEEA" type="PercentType"/>
    <xsd:element name="PercentNAVInMiddleEast" type="PercentType"/>
    <xsd:element name="PercentNAVInNorthAmerica" type="PercentType"/>
    <xsd:element name="PercentNAVInSouthAmerica" type="PercentType"/>
    <xsd:element name="PercentNAVInSupranational" type="PercentType"/>
    <xsd:element name="PercentNAVInBrazil" type="PercentType"/>
    <xsd:element name="PercentNAVInChina" type="PercentType"/>
    <xsd:element name="PercentNAVInIndia" type="PercentType"/>
    <xsd:element name="PercentNAVInJapan" type="PercentType"/>
    <xsd:element name="PercentNAVInRussia" type="PercentType"/>
    <xsd:element name="PercentNAVInUS" type="PercentType"/>
    <xsd:element name="PortfolioCompanyInvestedAmount" type="LongRestricted15Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: PFSection4ItemBPrivateEquityInvestmentIndustryType

Super-types: None

Sub-types: None

Name	PFSection4ItemBPrivateEquityInvestmentIndustryType
Abstract	no
Documentation	Elements of this type represent the Q77 Reporting fund's investments in portfolio companies by industry, based on the NAICS codes of the companies.

XML Instance Representation

```
<...>
  <!-- Q77 NAICS Code -->
  <NAICSCode> NAICSCodeType </NAICSCode> [1]
  <!-- Q77 % of reporting fund's total portfolio company investments -->
  <NAICSInvestmentPercent> PercentType </NAICSInvestmentPercent> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemBPrivateEquityInvestmentIndustryType">
  <xsd:sequence>
    <xsd:element name="NAICSCode" type="NAICSCodeType" />
    <xsd:element name="NAICSInvestmentPercent" type="PercentType" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PositiveDecimalNAExRestricted10p2Type**

Super-types: None

Sub-types: None

Name	PositiveDecimalNAExRestricted10p2Type
-------------	---------------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>  
  <Value> union of: [ PositiveDecimalRestricted10p2Type, AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveDecimalNAExRestricted10p2Type">  
  <xsd:sequence>  
    <xsd:element name="Value">  
      <xsd:simpleType>  
        <xsd:union memberTypes="PositiveDecimalRestricted10p2TypeAlternateTextType" />  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PositiveDecimalNAExRestricted12p2RequiredDecimalType

Super-types: None

Sub-types: None

Name	PositiveDecimalNAExRestricted12p2RequiredDecimalType
-------------	--

Abstract	no
-----------------	----

XML Instance Representation

```
<...>  
  <Value> union of: [ PositiveDecimalRestricted12p2RequiredDecimalType, AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveDecimalNAExRestricted12p2RequiredDecimalType">  
  <xsd:sequence>  
    <xsd:element name="Value">  
      <xsd:simpleType>  
        <xsd:union memberTypes="PositiveDecimalRestricted12p2RequiredDecimalTypeAlternateTextType" />  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: PositiveDecimalNAExRestricted15p0Type

Super-types: None

Sub-types: None

Name	PositiveDecimalNAExRestricted15p0Type
-------------	---------------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>
  <Value> union of: [ PositiveLongRestricted15Type, AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveDecimalNAExRestricted15p0Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PositiveLongRestricted15TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PositiveDecimalNAExRestricted15p2Type

Super-types:	None
Sub-types:	None

Name	PositiveDecimalNAExRestricted15p2Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ PositiveDecimalRestricted15p2Type, AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveDecimalNAExRestricted15p2Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PositiveDecimalRestricted15p2TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PositiveLongNAExRestricted10Type

Super-types: None

Sub-types: None

Name	PositiveLongNAExRestricted10Type
-------------	----------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>  
  <Value> union of: [ PositiveLongRestricted10Type,AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveLongNAExRestricted10Type">  
  <xsd:sequence>  
    <xsd:element name="Value">  
      <xsd:simpleType>  
        <xsd:union memberTypes="PositiveLongRestricted10TypeAlternateTextType" />  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: **UnsignedDecimalNAExRestricted15p2Type**

Super-types: None

Sub-types: None

Name	UnsignedDecimalNAExRestricted15p2Type
-------------	---------------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>  
  <Value> union of: [ UnsignedDecimalRestricted15p2Type, AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="UnsignedDecimalNAExRestricted15p2Type">  
  <xsd:sequence>  
    <xsd:element name="Value">  
      <xsd:simpleType>  
        <xsd:union memberTypes="UnsignedDecimalRestricted15p2TypeAlternateTextType" />  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: UnsignedDecimalNAExRestricted15Type

Super-types: None

Sub-types: None

Name	UnsignedDecimalNAExRestricted15Type
-------------	-------------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>
  <Value> union of: [ UnsignedLongRestricted15Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="UnsignedDecimalNAExRestricted15Type" >
  <xsd:sequence>
    <xsd:element name="Value" >
      <xsd:simpleType>
        <xsd:union memberTypes="UnsignedLongRestricted15TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **UnsignedDecimalNAExRestricted4Type**

Super-types: None

Sub-types: None

Name	UnsignedDecimalNAExRestricted4Type
-------------	------------------------------------

Abstract	no
-----------------	----

XML Instance Representation

```
<...>  
  <Value> union of: [ UnsignedLongRestricted4Type, AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="UnsignedDecimalNAExRestricted4Type">  
  <xsd:sequence>  
    <xsd:element name="Value">  
      <xsd:simpleType>  
        <xsd:union memberTypes="UnsignedLongRestricted4TypeAlternateTextType" />  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Complex Type: **UnsignedDecimalNAExRestricted7p2RequiredDecimalType**

Super-types: None

Sub-types: None

Name	UnsignedDecimalNAExRestricted7p2RequiredDecimalType
-------------	---

Abstract	no
-----------------	----

XML Instance Representation

```
<...>  
  <Value> union of: [ UnsignedDecimalRestricted7p2RequiredDecimalType, AlternateTextType ] </Value> [1]  
</...>
```

Schema Component Representation

```
<xsd:complexType name="UnsignedDecimalNAExRestricted7p2RequiredDecimalType">  
  <xsd:sequence>  
    <xsd:element name="Value">  
      <xsd:simpleType>  
        <xsd:union memberTypes="UnsignedDecimalRestricted7p2RequiredDecimalTypeAlternateTextType" />  
      </xsd:simpleType>  
    </xsd:element>  
  </xsd:sequence>  
</xsd:complexType>
```

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Simple Type: AdditionalAssetsInSidePocketCodeType

Super-types:	xs:string < stringPreserveWhiteSpaces (by restriction) < AdditionalAssetsInSidePocketCodeType (by restriction)
Sub-types:	None

Name	AdditionalAssetsInSidePocketCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'Y' 'N' 'NA'}
Documentation	Boolean(Y/N/NA) type codes. Allowed values (code-description) are: Y - Yes N - No NA - NA

Schema Component Representation

```
<xsd:simpleType name="AdditionalAssetsInSidePocketCodeType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="Y" />  
    <xsd:enumeration value="N" />  
    <xsd:enumeration value="NA" />  
  </xsd:restriction>  
</xsd:simpleType>
```

[Table of Contents](#)

Simple Type: AlternateTextType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **AlternateTextType** (by restriction)

Sub-types: None

Name	AlternateTextType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'NA'}

Schema Component Representation

```
<xsd:simpleType name="AlternateTextType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="NA" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: AssetFundsFundTypeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **AssetFundsFundTypeType** (by restriction)

Sub-types: None

Name	AssetFundsFundTypeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'HEDGE' 'LIQUIDITY' 'NONPRIVATE' 'OTHER' 'PRIVATE' 'REALESTATE' 'SECUREASSET' 'VC'}
Documentation	Fund type codes for Q3(a)-(h). Allowed values (code-description) are: HEDGE - Hedge Fund LIQUIDITY - Liquidity Fund NONPRIVATE - Funds and accounts other than private funds OTHER - Other Private Fund PRIVATE - Private Equity Fund REALESTATE - Real Estate Fund SECUREASSET - Securitized Asset Fund VC - Venture Capital Fund

Schema Component Representation

```
<xsd:simpleType name="AssetFundsFundTypeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="HEDGE"/>  
    <xsd:enumeration value="LIQUIDITY"/>  
    <xsd:enumeration value="NONPRIVATE"/>  
    <xsd:enumeration value="OTHER"/>  
    <xsd:enumeration value="PRIVATE"/>  
    <xsd:enumeration value="REALESTATE"/>  
    <xsd:enumeration value="SECUREASSET"/>  
    <xsd:enumeration value="VC"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: BooleanYNTType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **BooleanYNTType** (by restriction)

Sub-types: None

Name	BooleanYNTType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'Y' 'N'}
Documentation	Boolean(Y/N) type codes. Allowed values (code-description) are: Y - Yes N - No

Schema Component Representation

```
<xsd:simpleType name="BooleanYNTType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="Y"/>  
    <xsd:enumeration value="N"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: CalculationMethodCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **CalculationMethodCodeType** (by restriction)

Sub-types: None

Name	CalculationMethodCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'HIST_SIM' 'MONTE_CARLO' 'PARAM' 'OTH'}
Documentation	Calculation method type codes. Allowed values (code-description) are: HIST_SIM - Historical simulation MONTE_CARLO - Monte Carlo simulation PARAM - Parametric OTH - Other

Schema Component Representation

```
<xsd:simpleType name="CalculationMethodCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="HIST_SIM"/>  
    <xsd:enumeration value="MONTE_CARLO"/>  
    <xsd:enumeration value="PARAM"/>  
    <xsd:enumeration value="OTH"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **CountryCodeType**

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **CountryCodeType** (by restriction)

Sub-types: None

Name	CountryCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy:</i> preserve• <i>value</i> comes from list: {'USA' 'NON' 'AFG' 'ALA' 'ALB' 'DZA' 'ASM' 'AND' 'AGO' 'AIA' 'ATA' 'ATG' 'ARG' 'ARM' 'ABW' 'AUS' 'AUT' 'AZE' 'BHS' 'BHR' 'BGD' 'BRB' 'BLR' 'BEL' 'BLZ' 'BEN' 'BMU' 'BTN' 'BOL' 'BES' 'BIH' 'BWA' 'BVT' 'BRA' 'IOT' 'VGB' 'BRN' 'BGR' 'BFA' 'MMR' 'BDI' 'KHM' 'CMR' 'CAN' 'CPV' 'CYM' 'CAF' 'TCD' 'CHL' 'CHN' 'CXR' 'CCK' 'COL' 'COM' 'COD' 'COG' 'COK' 'CRI' 'CIV' 'HRV' 'CUB' 'CUW' 'CYP' 'CZE' 'DNK' 'DJI' 'DMA' 'DOM' 'ECU' 'EGY' 'SLV' 'GNQ' 'ERI' 'EST' 'ETH' 'FLK' 'FRO' 'FJI' 'FIN' 'FRA' 'GUF' 'PYF' 'ATF' 'GAB' 'GMB' 'GEO' 'DEU' 'GHA' 'GIB' 'GRC' 'GRL' 'GRD' 'GLP' 'GUM' 'GTM' 'GGY' 'GIN' 'GNB' 'GUY' 'HTI' 'HMD' 'VAT' 'HND' 'HKG' 'HUN' 'ISL' 'IND' 'IDN' 'IRN' 'IRQ' 'IRL' 'IMN' 'ISR' 'ITA' 'JAM' 'JPN' 'JEY' 'JOR' 'KAZ' 'KEN' 'KIR' 'PRK' 'KOR' 'KWT' 'KGZ' 'LAO' 'LVA' 'LBN' 'LSO' 'LBR' 'LBY' 'LIE' 'LTU' 'LUX' 'MAC' 'MKD' 'MDG' 'MWI' 'MYS' 'MDV' 'MLI' 'MLT' 'MHL' 'MTQ' 'MRT' 'MUS' 'MYT' 'MEX' 'FSM' 'MDA' 'MCO' 'MNG' 'MNE' 'MSR' 'MAR' 'MOZ' 'NAM' 'NRU' 'NPL' 'NLD' 'NCL' 'NZL' 'NIC' 'NER' 'NGA' 'NIU' 'NFK' 'MNP' 'NOR' 'OMN' 'PAK' 'PLW' 'PSE' 'PAN' 'PNG' 'PRY' 'PER' 'PHL' 'PCN' 'POL' 'PRT' 'QAT' 'REU' 'ROU' 'RUS' 'RWA' 'BLM' 'SHN' 'KNA' 'LCA' 'MAF' 'SPM' 'VCT' 'WSM' 'SMR' 'STP' 'SAU' 'SEN' 'SRB' 'SYC' 'SLE' 'SGP' 'SXM' 'SVK' 'SVN' 'SLB' 'SOM' 'ZAF' 'SGS' 'SSD' 'ESP' 'LKA' 'SDN' 'SUR' 'SJM' 'SWZ' 'SWE' 'CHE' 'SYR' 'TWN' 'TJK' 'TZA' 'THA' 'TLS' 'TGO' 'TKL' 'TON' 'TTO' 'TUN' 'TUR' 'TKM' 'TCA' 'TUV' 'UGA' 'UKR' 'ARE' 'GBR' 'UMI' 'URY' 'UZB' 'VUT' 'VEN' 'VNM' 'WLF' 'ESH' 'YEM' 'ZMB' 'ZWE'}• <i>length</i> <= 3
Documentation	<p>Elements of this type represent the allowed Current Country Codes.</p> <p>Allowed values (Country code-Country Name) are:</p> <ul style="list-style-type: none">USA - United StatesNON - OtherAFG - AfghanistanALA - Aland IslandsALB - AlbaniaDZA - AlgeriaASM - American SamoaAND - AndorraAGO - AngolaAIA - AnguillaATA - AntarcticaATG - Antigua and BarbudaARG - ArgentinaARM - ArmeniaABW - ArubaAUS - AustraliaAUT - AustriaAZE - AzerbaijanBHS - Bahamas, TheBHR - BahrainBGD - BangladeshBRB - BarbadosBLR - BelarusBEL - BelgiumBLZ - BelizeBEN - BeninBMU - BermudaBTN - BhutanBOL - BoliviaBES - Bonaire, Sint Eustatius and SabaBIH - Bosnia and HerzegovinaBWA - BotswanaBVT - Bouvet IslandBRA - BrazilIOT - British Indian Ocean Territory (The)VGB - British Virgin IslandsBRN - BruneiBGR - BulgariaBFA - Burkina FasoMMR - Burma (Myanmar)BDI - BurundiKHM - CambodiaCMR - CameroonCAN - Canada

CPV - Cape Verde Islands
CYM - Cayman Islands
CAF - Central African Republic
TCD - Chad
CHL - Chile
CHN - China
CXR - Christmas Island
CCK - Cocos (Keeling) Islands
COL - Colombia
COM - Comoros
COD - Congo (Democratic Republic or Zaire)
COG - Congo, Republic of
COK - Cook Islands
CRI - Costa Rica
CIV - Cote de Ivoire (Ivory Coast)
HRV - Croatia
CUB - Cuba
CUW - Curacao
CYP - Cyprus
CZE - Czech Republic
DNK - Denmark
DJI - Djibouti
DMA - Dominica
DOM - Dominican Republic
ECU - Ecuador
EGY - Egypt (United Arab Republic)
SLV - El Salvador
GNQ - Equatorial Guinea
ERI - Eritrea
EST - Estonia
ETH - Ethiopia
FLK - Falkland Islands (Islas Malvinas)
FRO - Faroe Islands
FJI - Fiji Islands
FIN - Finland
FRA - France
GUF - French Guiana
PYF - French Polynesia
ATF - French Southern Territories (The)
GAB - Gabon
GMB - Gambia
GEO - Georgia/Gruzinskaya
DEU - Germany
GHA - Ghana
GIB - Gibraltar
GRC - Greece
GRL - Greenland
GRD - Grenada
GLP - Guadeloupe
GUM - Guam
GTM - Guatemala
GGY - Guernsey
GIN - Guinea
GNB - Guinea Bissau
GUY - Guyana
HTI - Haiti
HMD - Heard Island and McDonald Islands
VAT - Holy See (The) [Vatican City State]
HND - Honduras
HKG - Hong kong
HUN - Hungary
ISL - Iceland
IND - India
IDN - Indonesia
IRN - Iran
IRQ - Iraq
IRL - Ireland
IMN - Isle of Man
ISR - Israel
ITA - Italy
JAM - Jamaica
JPN - Japan
JEY - Jersey
JOR - Jordan
KAZ - Kazakhstan
KEN - Kenya
KIR - Kiribati
PRK - Korea, North
KOR - Korea, South
KWT - Kuwait

KGZ - Kyrgyzstan
LAO - Laos
LVA - Latvia
LBN - Lebanon
LSO - Lesotho
LBR - Liberia
LBY - Libya
LIE - Liechtenstein
LTU - Lithuania
LUX - Luxembourg
MAC - Macau
MKD - Macedonia
MDG - Madagascar
MWI - Malawi
MYS - Malaysia
MDV - Maldives
MLI - Mali
MLT - Malta
MHL - Marshall Islands
MTQ - Martinique
MRT - Mauritania
MUS - Mauritius
MYT - Mayotte
MEX - Mexico
FSM - Micronesia, Federated States of
MDA - Moldova
MCO - Monaco
MNG - Mongolia
MNE - Montenegro
MSR - Montserrat
MAR - Morocco
MOZ - Mozambique
NAM - Namibia
NRU - Nauru
NPL - Nepal
NLD - Netherlands
NCL - New Caledonia
NZL - New Zealand
NIC - Nicaragua
NER - Niger
NGA - Nigeria
NIU - Niue
NFK - Norfolk Island
MNP - Northern Mariana Islands
NOR - Norway
OMN - Oman
PAK - Pakistan
PLW - Palau
PSE - Palestine, State of
PAN - Panama
PNG - Papua New Guinea
PRY - Paraguay
PER - Peru
PHL - Philippines
PCN - Pitcairn Islands (Ducie, Henderson, Oeno)
POL - Poland
PRT - Portugal
QAT - Qatar
REU - Reunion
ROU - Romania
RUS - Russia
RWA - Rwanda
BLM - Saint Barthelemy
SHN - Saint Helena
KNA - Saint Kitts and Nevis
LCA - Saint Lucia
MAF - Saint Martin (French part)
SPM - Saint Pierre and Miquelon
VCT - Saint Vincent and The Grenadines
WSM - Samoa
SMR - San Marino
STP - Sao Tome and Principe
SAU - Saudi Arabia
SEN - Senegal
SRB - Serbia
SYC - Seychelles
SLE - Sierra Leone
SGP - Singapore
SXM - Sint Maarten (Dutch part)
SVK - Slovakia

SVN - Slovenia
SLB - Solomon Islands
SOM - Somalia
ZAF - South Africa
SGS - South Georgia/South Sandwich Islands
SSD - South Sudan
ESP - Spain
LKA - Sri Lanka
SDN - Sudan
SUR - Surinam
SJM - Svalbard
SWZ - Swaziland
SWE - Sweden
CHE - Switzerland
SYR - Syria
TWN - Taiwan, Republic of China
TJK - Tajikistan
TZA - Tanzania
THA - Thailand
TLS - Timor-Leste
TGO - Togo
TKL - Tokelau
TON - Tonga
TTO - Trinidad and Tobago
TUN - Tunisia
TUR - Turkey
TKM - Turkmenistan
TCA - Turks and Caicos Islands
TUV - Tuvalu
UGA - Uganda
UKR - Ukraine
ARE - United Arab Emirates
GBR - United Kingdom
UMI - United States Minor Outlying Islands (The)
URY - Uruguay
UZB - Uzbekistan
VUT - Vanuatu
VEN - Venezuela
VNM - Vietnam
WLF - Wallis and Futuna
ESH - Western Sahara
YEM - Yemen
ZMB - Zambia
ZWE - Zimbabwe

Schema Component Representation

```
<xsd:simpleType name="CountryCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:maxLength value="3"/>  
    <xsd:enumeration value="USA"/>  
    <xsd:enumeration value="NON"/>  
    <xsd:enumeration value="AFG"/>  
    <xsd:enumeration value="ALA"/>  
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    <xsd:enumeration value="ASM"/>  
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    <xsd:enumeration value="AGO"/>  
    <xsd:enumeration value="AIA"/>  
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    <xsd:enumeration value="ATG"/>  
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    <xsd:enumeration value="BEN"/>  
    <xsd:enumeration value="BMU"/>  
    <xsd:enumeration value="BTN"/>  
    <xsd:enumeration value="BOL"/>  
    <xsd:enumeration value="BES"/>
```

```
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<xsd:enumeration value="BWA" />
<xsd:enumeration value="BVT" />
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<xsd:enumeration value="KGZ"/>
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<xsd:enumeration value="RWA"/>
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<xsd:enumeration value="SHN"/>
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```
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<xsd:enumeration value="VCT"/>
<xsd:enumeration value="WSM"/>
<xsd:enumeration value="SMR"/>
<xsd:enumeration value="STP"/>
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<xsd:enumeration value="ESH"/>
<xsd:enumeration value="YEM"/>
<xsd:enumeration value="ZMB"/>
<xsd:enumeration value="ZWE"/>
</xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **CreditorCounterpartyType**

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **CreditorCounterpartyType** (by restriction)

Sub-types: None

Name	CreditorCounterpartyType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy:</i> preserve• <i>value</i> comes from list: {'1' '2' '3' '4' '5' '6' '7' '8' '9' '10' '11' '12' '13' '14' '15' '16' '17' '18' '19' '20' '21' '22' '23' '24' '25' '26' '27' '28' '29' '30' '31' '32'}
Documentation	<p>Elements of this type represent the major Creditor/Counterparty names. Allowed values (code-description) are:</p> <ol style="list-style-type: none">1 - Swiss Re2 - Wells Fargo3 - PIMCO4 - BlackRock5 - Natixsis6 - Barclays7 - Bank of America/Merrill Lynch8 - Bank of New York9 - BNP Paribas10 - Calyon11 - Cargill Financial Markets12 - Citigroup13 - Crédit Agricole14 - Credit Suisse15 - Deutsche Bank16 - Dresdner/Commerz17 - Fidelity18 - Goldman Sachs19 - HSBC20 - JP Morgan21 - Mitsubishi UFJ Financial Group22 - Morgan Stanley23 - New Edge24 - Nomura25 - Prudential26 - Royal Bank of Canada27 - Royal Bank of Scotland28 - Société Générale29 - State Street30 - UBS31 - NA32 - Other

Schema Component Representation

```
<xsd:simpleType name="CreditorCounterpartyType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="1"/>  
    <xsd:enumeration value="2"/>  
    <xsd:enumeration value="3"/>  
    <xsd:enumeration value="4"/>  
    <xsd:enumeration value="5"/>  
    <xsd:enumeration value="6"/>  
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    <xsd:enumeration value="29"/>  
    <xsd:enumeration value="30"/>  
    <xsd:enumeration value="31"/>  
    <xsd:enumeration value="32"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **CreditorNameType**

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **CreditorNameType** (by restriction)

Sub-types: None

Name	CreditorNameType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy:</i> preserve• <i>value</i> comes from list: {'1' '2' '3' '4' '5' '6' '7' '8' '9' '10' '11' '12' '13' '14' '15' '16' '17' '18' '19' '20' '21' '22' '23' '24' '25' '26' '27' '28' '29' '30' '31' '32'}
Documentation	<p>Elements of this type represent the major Financial Institutes. Allowed values (code-description) are:</p> <ol style="list-style-type: none">1 - SwissRe2 - WellsFargo3 - PIMCO4 - BlackRock5 - Natixsis6 - Barclays7 - BankofAmerica/MerrillLynch8 - BankofNewYork9 - BNPParibas10 - Calyon11 - CargillFinancialMarkets12 - Citigroup13 - CréditAgricole14 - CreditSuisse15 - DeutscheBank16 - Dresdner/Commerz17 - Fidelity18 - GoldmanSachs19 - HSBC20 - JPMorgan21 - MitsubishiUFJFinancialGroup22 - MorganStanley23 - NewEdge24 - Nomura25 - Prudential26 - RoyalBankofCanada27 - RoyalBankofScotland28 - SociétéGénérale29 - StateStreet30 - UBS31 - NA32 - Other

Schema Component Representation

```
<xsd:simpleType name="CreditorNameType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="1"/>
    <xsd:enumeration value="2"/>
    <xsd:enumeration value="3"/>
    <xsd:enumeration value="4"/>
    <xsd:enumeration value="5"/>
    <xsd:enumeration value="6"/>
    <xsd:enumeration value="7"/>
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    <xsd:enumeration value="27"/>
    <xsd:enumeration value="28"/>
    <xsd:enumeration value="29"/>
    <xsd:enumeration value="30"/>
    <xsd:enumeration value="31"/>
    <xsd:enumeration value="32"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **CurrencyCodeType**

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **CurrencyCodeType** (by restriction)

Sub-types: None

Name	CurrencyCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'001' '002' '003' '004' '005' '006' '007' '008' '009' '010' '011' '012' '013' '014' '015' '016' '017' '018' '019' '020' '021' '022' '023' '024' '025' '026' '027' '028' '029' '030' '031' '032' '033' '034' '035' '036' '037' '038' '039' '040' '041' '042' '043' '044' '045' '046' '047' '048' '049' '050' '051' '052' '053' '054' '055' '056' '057' '058' '059' '060' '061' '062' '063' '064' '065' '066' '067' '068' '069' '070' '071' '072' '073' '074' '075' '076' '077' '078' '079' '080' '081' '082' '083' '084' '085' '086' '087' '088' '089' '090' '091' '092' '093' '094' '095' '096' '097' '098' '099' '100' '101' '102' '103' '104' '105' '106' '107' '108' '109' '110' '111' '112' '113' '114' '115' '116' '117' '118' '119' '120' '121' '122' '123' '124' '125' '126' '127' '128' '129' '130' '131' '132' '133' '134' '135' '136' '137' '138' '139' '140' '141' '142' '143' '144' '145' '146' '147' '148' '149' '150' '151' '152' '153' '154' '155' '156' '157' '158' '159' '160' '161' '162' '163' '164' '165' '166' '167' '168' '169' '170' '171' '172' '173' '174' '175' '176' '177' '178' '179' '180' '181' '182' '183' '184' '185' '186' '187' '188' '189' '190' '191' '192' '193' '194' '195' '196' '197' '198' '199' '200' '201' '202' '203' '204' '205' '206' '207' '208' '209' '210' '211' '212' '213' '214' '215' '216' '217' '218' '219' '220' '221' '222' '223' '224' '225' '226' '227' '228' '229' '230' '231' '232' '233' '234' '235' '236' '237' '238' '239' '240' '999'}
Documentation	<p>Elements of this type represent the Currency Code for submitting Hedge fund liquidity values.</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none">001-United States Dollar002-Afghanistan Afghani003-Albanian Lek004-Algerian Dinar005-Andorran Peseta006-Angolan Kwanza007-Anguillan Dollar008-Antiguan & Barbudan Dollar009-Argentine Peso010-Armenian Dram011-Aruban Guilder012-Australian Dollar013-Austrian Schilling014-Azerbaijani New Manat015-Bahamas Dollar016-Bahraini Dinar017-Bangladesh Taka018-Barbadian Dollar019-Belarusian Ruble020-Belgian Franc021-Belizean Dollar022-Benin Franc023-Bermudian Dollar024-Bhutan Ngultrum025-Bolivian Boliviano026-Bosnia & Herzegovinan Marka027-Botswanan Pula028-Brazilian Real029-British Indian Ocean Pound030-British Pound031-Brunei Dollar032-Bulgarian Lev033-Burkina Faso Franc034-Burundi Franc035-Cambodian Riel036-Cameroon Franc037-Canadian Dollar038-Canary Islands Euro039-Canton & Enderbury Islands Pound040-Cape Verde Escudo041-Cayman Islands Dollar042-Central African Republic Franc043-CFA Franc BCEAO044-CFA Franc BEAC045-Chad Franc046-Chilean Peso047-Chinese Renminbi048-Christmas Island Dollar

049-Cocos (Keeling) Island Dollar
050-Columbian Peso
051-Comoran Franc
052-Congo Republic Franc
053-Congolese Franc
054-Cook Islands Dollar
055-Costa Rican Colon
056-Croatian Kuna
057-Cuban Peso
058-Cypriot Pound
059-Czech Koruna
060-Danish Krone
061-Djiboutian Franc
062-Dominica Dollar
063-Dominican Republic Peso
064-East Caribbean Dollar
065-East Timor Dollar
066-Ecuadorean Sucre
067-Egyptian Pound
068-El Salvador Colon
069-Equatorial Guinea Franc
070-Eritrean Nakfa
071-Estonian Kroon
072-Ethiopian Birr
073-Euro
074-Falkland Islands Pound
075-Faroe Islands Krone
076-Fijian Dollar
077-Finnish Markka
078-French Franc
079-French Guiana Euro
080-French Polynesian Franc
081-Gabon Franc
082-Gambian Dalasi
083-Georgian Lari
084-German Mark
085-Gibraltar Pound
086-Greek Drachma
087-Greenland Krone
088-Grenadan Dollar
089-Guadeloupe Euro
090-Guam Dollar
091-Guatemalan Quetzal
092-Guernsey Pound
093-Guinea-Bissau Franc
094-Guinean Franc
095-Guyanese Dollar
096-Haitian Gourde
097-Honduras Lempira
098-Hong Kong Dollar
099-Hungarian Forint
100-Iceland Krona
101-Indian Rupee
102-Indonesian Rupiah
103-Iranian Rial
104-Iraqi Dinar
105-Irish Punt
106-Isle of Man Pound
107-Israeli Shekel
108-Italian Lira
109-Ivory Coast Franc
110-Jamaican Dollar
111-Japanese Yen
112-Jersey Pound
113-Johnston Atoll Dollar
114-Jordanian Dinar
115-Kazakhstan Tenge
116-Kenyan Shilling
117-Kiribati Dollar
118-Kuwaiti Dinar
119-Kyrgyzstan Som
120-Laotian Kip
121-Latvian Lats
122-Lebanese Pound
123-Lesotho Loti
124-Liberian Dollar
125-Libyan Dinar
126-Liechtenstein Franc
127-Lithuanian Litas
128-Luxembourg Franc

129-Macau Pataca
130-Macedonian Denar
131-Madagascar Ariary
132-Malawian Kwacha
133-Malaysian Ringgit
134-Maldives Rufiyaa
135-Mali Republic Franc
136-Maltese Lira
137-Martinique Euro
138-Mauritanian Ouguiya
139-Mauritian Rupee
140-Mayotte Euro
141-Mexican Peso
142-Micronesian Dollar
143-Midway Islands Dollar
144-Moldovan Leu
145-Monaco Euro
146-Mongolian Tugrik
147-Montenegro Euro
148-Montserrat Dollar
149-Moroccan Dirham
150-Mozambique New Metical
151-Myanmar Kyat
152-Namibian Dollar
153-Nauru Dollar
154-Nepalese Rupee
155-Netherlands (Dutch) Guilder
156-Netherlands Antillean Guilder
157-New Ghana Cedi
158-New Sudanese Pound
159-New Zealand Dollar
160-Nicaraguan Cordoba
161-Niger Republic Franc
162-Nigerian Naira
163-Niue Dollar
164-Norfolk Island Dollar
165-North Korean Won
166-Northern Mariana Is. Dollar
167-Norwegian Krone
168-Offshore Chinese Renminbi
169-Omani Rial
170-Pakistani Rupee
171-Palau Dollar
172-Panamanian Balboa
173-Papua New Guinea Kina
174-Paraguay Guarani
175-Peruvian New Sol
176-Philippine Peso
177-Pitcairn Islands Dollar
178-Polish Zloty
179-Portuguese Escudo
180-Puerto Rican Dollar
181-Qatari Rial
182-Romanian Leu
183-Russian Ruble
184-Rwandan Franc
185-Saint Pierre & Miquelon Euro
186-San Marino Euro
187-Sao Tome & Principe Dobra
188-Saudi Riyal
189-Senegalese Franc
190-Serbian Dinar
191-Seychelles Rupee
192-Sierra Leone Leone
193-Singapore Dollar
194-Slovakian Koruna
195-Slovenian Tolar
196-Solomon Islands Dollar
197-Somali Shilling
198-South African Rand
199-South Korean Won
200-Spanish Peseta
201-Sri Lankan Rupee
202-St. Helena Pound
203-St. Kitts & Nevis Dollar
204-St. Lucia Dollar
205-St. Vincent Dollar
206-Sudanese Dinar
207-Suriname Dollar
208-Swaziland Lilangeni

209-Swedish Krona
210-Swiss Franc
211-Syrian Pound
212-Taiwanese Dollar
213-Tajikistani Somoni
214-Tanzanian Shilling
215-Thai Baht
216-Thai Baht Onshore
217-Togo Republic Franc
218-Tokelau Dollar
219-Tonga Pa anga
220-Trinidad & Tobago Dollar
221-Tunisian Dinar
222-Turkish New Lira
223-Turkish Old Lira
224-Turkmenistan Manat
225-Turks & Caicos Dollar
226-Tuvalu Dollar
227-UAE Dirham
228-Ugandan Shilling
229-Ukrainian Hryvnia
230-Uruguagyan Peso
231-Uzbekistani Soum
232-Vanuatu Vatu
233-Vatican Euro
234-Venezuela Bolivar Essentials
235-Venezuelan Bolivar Fuerte
236-Vietnamese Dong
237-West Samoan Tala
238-Yemeni Rial
239-Zambian Kwacha
240-Zimbabwean Dollar
999-Other

Schema Component Representation

```
<xsd:simpleType name="CurrencyCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="001"/>  
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    <xsd:enumeration value="003"/>  
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    <xsd:enumeration value="005"/>  
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    <xsd:enumeration value="039"/>  
    <xsd:enumeration value="040"/>  
    <xsd:enumeration value="041"/>  
    <xsd:enumeration value="042"/>
```



```
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<xsd:enumeration value="238"/>
<xsd:enumeration value="239"/>
<xsd:enumeration value="240"/>
<xsd:enumeration value="999"/>
</xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted10p2Type**

Super-types: [xs:decimal](#) < **DecimalRestricted10p2Type** (by restriction)

Sub-types: None

Name	DecimalRestricted10p2Type
Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $-10000000000 < value < 10000000000$• <i>total no. of digits</i> = 12• <i>no. of fraction digits</i> = 2

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted10p2Type">  
  <xsd:restriction base="xs:decimal">  
    <xsd:totalDigits value="12"/>  
    <xsd:fractionDigits value="2"/>  
    <xsd:maxExclusive value="10000000000"/>  
    <xsd:minExclusive value="-10000000000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted12p2RequiredDecimalType**

Super-types: [xs:decimal](#) < **DecimalRestricted12p2RequiredDecimalType** (by restriction)

Sub-types: None

Name	DecimalRestricted12p2RequiredDecimalType
------	--

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• <i>pattern</i> = <code>[+]?\d{0,12}(\.\d{2,2})</code>• <code>-1000000000000 < value < 1000000000000</code>• <i>total no. of digits</i> = 14• <i>no. of fraction digits</i> = 2
---------	--

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted12p2RequiredDecimalType" >
  <xsd:restriction base="xs:decimal" >
    <xsd:totalDigits value="14" />
    <xsd:fractionDigits value="2" />
    <xsd:minExclusive value="-1000000000000" />
    <xsd:maxExclusive value="1000000000000" />
    <xsd:pattern value="[+]?\d{0,12}(\.\d{2,2})" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p1Type**

Super-types: [xs:decimal](#) < **DecimalRestricted15p1Type** (by restriction)

Sub-types: None

Name	DecimalRestricted15p1Type
Content	<ul style="list-style-type: none">• Base XSD Type: decimal• -1000000000000000 < <i>value</i> < 1000000000000000• <i>total no. of digits</i> = 16• <i>no. of fraction digits</i> = 1

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p1Type">  
  <xsd:restriction base="xs:decimal">  
    <xsd:totalDigits value="16"/>  
    <xsd:fractionDigits value="1"/>  
    <xsd:maxExclusive value="1000000000000000"/>  
    <xsd:minExclusive value="-1000000000000000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p2RequiredDecimalType**

Super-types: [xs:decimal](#) < **DecimalRestricted15p2RequiredDecimalType** (by restriction)

Sub-types: None

Name	DecimalRestricted15p2RequiredDecimalType
------	--

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• <i>pattern</i> = <code>[+]?[0-9]\d{0,14}(\.\d{2,2})</code>• <code>-1000000000000000 < value < 1000000000000000</code>• <i>total no. of digits</i> = 17• <i>no. of fraction digits</i> = 2
---------	---

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p2RequiredDecimalType" >
  <xsd:restriction base="xs:decimal" >
    <xsd:totalDigits value="17" />
    <xsd:fractionDigits value="2" />
    <xsd:maxExclusive value="1000000000000000" />
    <xsd:minExclusive value="-1000000000000000" />
    <xsd:pattern value="[-+]?[0-9]\d{0,14}(\.\d{2,2})" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: DecimalRestricted15p2Type

Super-types: [xs:decimal](#) < **DecimalRestricted15p2Type** (by restriction)

Sub-types: None

Name	DecimalRestricted15p2Type
Content	<ul style="list-style-type: none">• Base XSD Type: decimal• -1000000000000000 < <i>value</i> < 1000000000000000• <i>total no. of digits</i> = 17• <i>no. of fraction digits</i> = 2

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p2Type">  
  <xsd:restriction base="xs:decimal">  
    <xsd:totalDigits value="17"/>  
    <xsd:fractionDigits value="2"/>  
    <xsd:maxExclusive value="1000000000000000"/>  
    <xsd:minExclusive value="-1000000000000000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p4Type**

Super-types: [xs:decimal](#) < **DecimalRestricted15p4Type** (by restriction)

Sub-types: None

Name	DecimalRestricted15p4Type
Content	<ul style="list-style-type: none">• Base XSD Type: decimal• -1000000000000000 < <i>value</i> < 1000000000000000• <i>total no. of digits</i> = 19• <i>no. of fraction digits</i> = 4

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p4Type">  
  <xsd:restriction base="xs:decimal">  
    <xsd:totalDigits value="19"/>  
    <xsd:fractionDigits value="4"/>  
    <xsd:maxExclusive value="1000000000000000"/>  
    <xsd:minExclusive value="-1000000000000000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: DecimalRestricted3p2Type

Super-types: [xs:decimal](#) < **DecimalRestricted3p2Type** (by restriction)

Sub-types: None

Name	DecimalRestricted3p2Type
Content	<ul style="list-style-type: none">• Base XSD Type: decimal• <i>pattern</i> = <code>[+]?[0-9]\d{0,2}(\.\d{2,2})</code>• <i>-1000 < value < 1000</i>• <i>total no. of digits = 5</i>• <i>no. of fraction digits = 2</i>

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted3p2Type">  
  <xsd:restriction base="xs:decimal">  
    <xsd:totalDigits value="5"/>  
    <xsd:fractionDigits value="2"/>  
    <xsd:minExclusive value="-1000"/>  
    <xsd:maxExclusive value="1000"/>  
    <xsd:pattern value="[-+]?[0-9]\d{0,2}(\.\d{2,2})"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: EmailType

Super-types: [xs:string](#) < **EmailType** (by restriction)

Sub-types: None

Name	EmailType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>pattern</i> = ([a-zA-Z0-9][a-zA-Z0-9_\-']*\.([a-zA-Z0-9_\-']+)*)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)([a-zA-Z0-9\-\+\.]) ([a-zA-Z]{2,4} [0-9]{1,3}\.)))/• <i>length</i> <= 128

Schema Component Representation

```
<xsd:simpleType name="EmailType">
  <xsd:restriction base="xs:string">
    <xsd:maxLength value="128"/>
    <xsd:pattern value="([a-zA-Z0-9][a-zA-Z0-9_\-']*\.([a-zA-Z0-9_\-']+)*)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)([a-zA-Z0-9\-\+\.])|([a-zA-Z]{2,4}|[0-9]{1,3}\.)))/"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: FundActionCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **FundActionCodeType** (by restriction)

Sub-types: None

Name	FundActionCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'RMV'}
Documentation	Fund action type codes. Allowed values (code-description) are: RMV - Remove fund from reporting NOTE: This needs to be included only if the fund is being removed from this reporting period, and only if the fund has already been reported in this reporting period.

Schema Component Representation

```
<xsd:simpleType name="FundActionCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="RMV"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: FundIDType

Super-types: [xs:string](#) < FundIDType (by restriction)

Sub-types: None

Name	FundIDType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>pattern</i> = 805-\d{10}

Schema Component Representation

```
<xsd:simpleType name="FundIDType">  
  <xsd:restriction base="xs:string">  
    <xsd:pattern value="805-\d{10}" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: FundTypeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **FundTypeType** (by restriction)

Sub-types: None

Name	FundTypeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'HEDGE' 'LIQUIDITY' 'OTHER' 'PRIVATE' 'REALESTATE' 'SECUREASSET' 'VC'}
Documentation	<p>Fund type codes to categorize a fund in the Fund List on Form PF. This list is based on fund types allowed in Q10 on Form ADV. Allowed values (code-description) are: HEDGE - Hedge Fund LIQUIDITY - Liquidity Fund OTHER - Other Private Fund PRIVATE - Private Equity Fund REALESTATE - Real Estate Fund SECUREASSET - Securitized Asset Fund VC - Venture Capital Fund</p>

Schema Component Representation

```
<xsd:simpleType name="FundTypeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="HEDGE"/>
    <xsd:enumeration value="LIQUIDITY"/>
    <xsd:enumeration value="OTHER"/>
    <xsd:enumeration value="PRIVATE"/>
    <xsd:enumeration value="REALESTATE"/>
    <xsd:enumeration value="SECUREASSET"/>
    <xsd:enumeration value="VC"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: HedgeAssetClassCDType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeAssetClassCDType** (by restriction)

Sub-types: None

Name	HedgeAssetClassCDType
Content	<ul style="list-style-type: none"> • Base XSD Type: string • <i>Whitespace policy</i>: preserve • <i>value</i> comes from list: {'ABS_STRUCT_PRD_ABCP' 'ABS_STRUCT_PRD_CDO' 'ABS_STRUCT_PRD_MBS' 'ABS_STRUCT_PRD_OABS' 'ABS_STRUCT_PRD_OSPRD' 'CNV_BND_FIN_INV_GD' 'CNV_BND_FIN_NINV_GD' 'CNV_BND_NFIN_INV_GD' 'CNV_BND_NFIN_NINV_GD' 'COMM_DER_CRUD_OIL' 'COMM_DER_GOLD' 'COMM_DER_NG' 'COMM_DER_POW' 'COMM_DER_OTH_COMM' 'COMM_PHY_CRUD_OIL' 'COMM_PHY_GOLD' 'COMM_PHY_NG' 'COMM_PHY_OTH_COMM' 'COMM_PHY_POW' 'CRD_DER_EXO_CDS' 'CRD_DER_IDX_CDS' 'CRD_DER_SNM_CDS' 'CRP_BND_FIN_INV_GD' 'CRP_BND_FIN_NINV_GD' 'CRP_BND_NFIN_INV_GD' 'CRP_BND_NFIN_NINV_GD' 'DER_EXP_ULST_SEC_FIN' 'DER_EXP_ULST_SEC_OTH' 'FX_DER_HDGE' 'FX_DER_INV' 'INT_DER' 'INV_EXT_PVT_FNDS' 'INV_FND_CSHMG_OTH_MM' 'INV_INT_PVT_FNDS' 'INV_REG_INV_COM' 'LOAN_LVRG_LN' 'LOAN_OTH_LN_NO_REPO' 'LST_EQT_DER_FIN' 'LST_EQT_DER_OTH_DER' 'LST_EQT_FIN' 'LST_EQT_OTH_LST_EQT' 'NON_US_CURR_HLDNG' 'OTHER' 'OTH_DER' 'PHYS_REAL_EST' 'REPOS' 'SVRN_BMB_AS' 'SVRN_BMB_G10_NO_US' 'SVRN_BMB_GSE_BND' 'SVRN_BMB_OTH_SUP_BND' 'SVRN_BMB_US_ST_LCL' 'SVRN_BMB_US_TRS' 'UNLST_EQT_FIN' 'UNLST_EQT_OTH_UNLST'}
Documentation	<p>Elements of this type represent the Asset Class Code for submitting Hedge fund positions. Allowed values (code-description) are:</p> <p>ABS_STRUCT_PRD_ABCP - ABS/structured products - ABCP ABS_STRUCT_PRD_CDO - ABS/structured products - CDO/CLO ABS_STRUCT_PRD_MBS - ABS/structured products - MBS ABS_STRUCT_PRD_OABS - ABS/structured products - Other ABS ABS_STRUCT_PRD_OSPRD - ABS/structured products - Other structured products CNV_BND_FIN_INV_GD - Convertible bonds issued by financial institutions - Investment grade CNV_BND_FIN_NINV_GD - Convertible bonds issued by financial institutions - Non-investment grade CNV_BND_NFIN_INV_GD - Convertible bonds not issued by financial institutions - Investment grade CNV_BND_NFIN_NINV_GD - Convertible bonds not issued by financial institutions - Non-investment grade COMM_DER_CRUD_OIL - Commodities (derivatives) - Crude oil COMM_DER_GOLD - Commodities (derivatives) - Gold COMM_DER_NG - Commodities (derivatives) - Natural gas COMM_DER_POW - Commodities (derivatives) - Power COMM_DER_OTH_COMM - Commodities (derivatives) - Other commodities COMM_PHY_CRUD_OIL - Commodities (physical) - Crude oil COMM_PHY_GOLD - Commodities (physical) - Gold COMM_PHY_NG - Commodities (physical) - Natural gas COMM_PHY_OTH_COMM - Commodities (physical) - Other commodities COMM_PHY_POW - Commodities (physical) - Power CRD_DER_EXO_CDS - Credit derivatives - Exotic CDS CRD_DER_IDX_CDS - Credit derivatives - Index CDS CRD_DER_SNM_CDS - Credit derivatives - Single name CDS CRP_BND_FIN_INV_GD - Corporate bonds issued by financial institutions (other than convertible bonds) - Investment grade CRP_BND_FIN_NINV_GD - Corporate bonds issued by financial institutions (other than convertible bonds) - Non-investment grade CRP_BND_NFIN_INV_GD - Corporate bonds not issued by financial institutions (other than convertible bonds) - Investment grade CRP_BND_NFIN_NINV_GD - Corporate bonds not issued by financial institutions (other than convertible bonds) - Non-investment grade DER_EXP_ULST_SEC_FIN - Derivative exposures to unlisted equities - Related to financial institutions DER_EXP_ULST_SEC_OTH - Derivative exposures to unlisted equities - Other derivative exposures to unlisted equities FX_DER_HDGE - Foreign exchange derivatives (hedging) FX_DER_INV - Foreign exchange derivatives (investment) INT_DER - Interest rate derivatives INV_EXT_PVT_FNDS - Investments in external private funds INV_FND_CSHMG_OTH_MM - Investments in funds for cash management purposes (other than money market funds) INV_INT_PVT_FNDS - Investments in internal private funds INV_REG_INV_COM - Investments in registered investment companies LOAN_LVRG_LN - Loans - Leveraged loans LOAN_OTH_LN_NO_REPO - Loans - Other loans (not including repos) LST_EQT_DER_FIN - Listed equity derivatives - Related to financial institutions LST_EQT_DER_OTH_DER - Listed equity derivatives - Other listed equity derivatives LST_EQT_FIN - Listed equity - Issued by financial institutions LST_EQT_OTH_LST_EQT - Listed equity - Other listed equity NON_US_CURR_HLDNG - Non-U.S. currency holdings</p>

OTHER - Other
 OTH_DER - Other derivatives
 PHYS_REAL_EST - Physical real estate
 REPOS - Repos
 SVRN_BMB_AS - Sovereign bonds and municipal bonds - Agency securities
 SVRN_BMB_G10_NO_US - Sovereign bonds and municipal bonds - Sovereign bonds issued by G10 countries other than the U.S.
 SVRN_BMB_GSE_BND - Sovereign bonds and municipal bonds - GSE bonds
 SVRN_BMB_OTH_SUP_BND - Sovereign bonds and municipal bonds - Other sovereign bonds (including supranational bonds)
 SVRN_BMB_US_ST_LCL - Sovereign bonds and municipal bonds - U.S. state and local bonds
 SVRN_BMB_US_TRS - Sovereign bonds and municipal bonds - U.S. treasury securities
 UNLST_EQT_FIN - Unlisted equity - Issued by financial institutions
 UNLST_EQT_OTH_UNLST - Unlisted equity - Other unlisted equity

Schema Component Representation

```

<xsd:simpleType name="HedgeAssetClassCDType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="ABS_STRUCT_PRD_ABCP"/>
    <xsd:enumeration value="ABS_STRUCT_PRD_CDO"/>
    <xsd:enumeration value="ABS_STRUCT_PRD_MBS"/>
    <xsd:enumeration value="ABS_STRUCT_PRD_OABS"/>
    <xsd:enumeration value="ABS_STRUCT_PRD_OSPRD"/>
    <xsd:enumeration value="CNV_BND_FIN_INV_GD"/>
    <xsd:enumeration value="CNV_BND_FIN_NINV_GD"/>
    <xsd:enumeration value="CNV_BND_NFIN_INV_GD"/>
    <xsd:enumeration value="CNV_BND_NFIN_NINV_GD"/>
    <xsd:enumeration value="COMM_DER_CRUD_OIL"/>
    <xsd:enumeration value="COMM_DER_GOLD"/>
    <xsd:enumeration value="COMM_DER_NG"/>
    <xsd:enumeration value="COMM_DER_POW"/>
    <xsd:enumeration value="COMM_DER_OTH_COMM"/>
    <xsd:enumeration value="COMM_PHY_CRUD_OIL"/>
    <xsd:enumeration value="COMM_PHY_GOLD"/>
    <xsd:enumeration value="COMM_PHY_NG"/>
    <xsd:enumeration value="COMM_PHY_OTH_COMM"/>
    <xsd:enumeration value="COMM_PHY_POW"/>
    <xsd:enumeration value="CRD_DER_EXO_CDS"/>
    <xsd:enumeration value="CRD_DER_IDX_CDS"/>
    <xsd:enumeration value="CRD_DER_SNM_CDS"/>
    <xsd:enumeration value="CRP_BND_FIN_INV_GD"/>
    <xsd:enumeration value="CRP_BND_FIN_NINV_GD"/>
    <xsd:enumeration value="CRP_BND_NFIN_INV_GD"/>
    <xsd:enumeration value="CRP_BND_NFIN_NINV_GD"/>
    <xsd:enumeration value="DER_EXP_ULST_SEC_FIN"/>
    <xsd:enumeration value="DER_EXP_ULST_SEC_OTH"/>
    <xsd:enumeration value="FX_DER_HDGE"/>
    <xsd:enumeration value="FX_DER_INV"/>
    <xsd:enumeration value="INT_DER"/>
    <xsd:enumeration value="INV_EXT_PVT_FNDS"/>
    <xsd:enumeration value="INV_FND_CSHMG_OTH_MM"/>
    <xsd:enumeration value="INV_INT_PVT_FNDS"/>
    <xsd:enumeration value="INV_REG_INV_COM"/>
    <xsd:enumeration value="LOAN_LVRG_LN"/>
    <xsd:enumeration value="LOAN_OTH_LN_NO_REPO"/>
    <xsd:enumeration value="LST_EQT_DER_FIN"/>
    <xsd:enumeration value="LST_EQT_DER_OTH_DER"/>
    <xsd:enumeration value="LST_EQT_FIN"/>
    <xsd:enumeration value="LST_EQT_OTH_LST_EQT"/>
    <xsd:enumeration value="NON_US_CURR_HLDNG"/>
    <xsd:enumeration value="OTHER"/>
    <xsd:enumeration value="OTH_DER"/>
    <xsd:enumeration value="PHYS_REAL_EST"/>
    <xsd:enumeration value="REPOS"/>
    <xsd:enumeration value="SVRN_BMB_AS"/>
    <xsd:enumeration value="SVRN_BMB_G10_NO_US"/>
    <xsd:enumeration value="SVRN_BMB_GSE_BND"/>
    <xsd:enumeration value="SVRN_BMB_OTH_SUP_BND"/>
    <xsd:enumeration value="SVRN_BMB_US_ST_LCL"/>
    <xsd:enumeration value="SVRN_BMB_US_TRS"/>
    <xsd:enumeration value="UNLST_EQT_FIN"/>
    <xsd:enumeration value="UNLST_EQT_OTH_UNLST"/>
  </xsd:restriction>
</xsd:simpleType>
  
```

Simple Type: HedgeFundCommodityPricesMarketFactorChangeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeFundCommodityPricesMarketFactorChangeCodeType** (by restriction)

Sub-types: None

Name	HedgeFundCommodityPricesMarketFactorChangeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy:</i> preserve• <i>value</i> comes from list: {'COMM_PRC_INC_10' 'COMM_PRC_DEC_10' 'COMM_PRC_INC_40' 'COMM_PRC_DEC_40'}
Documentation	<p>Elements of this type represent the Commodity Prices Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are: COMM_PRC_INC_10 - Commodity prices increase 10% COMM_PRC_DEC_10 - Commodity prices decrease 10% COMM_PRC_INC_40 - Commodity prices increase 40% COMM_PRC_DEC_40 - Commodity prices decrease 40%</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundCommodityPricesMarketFactorChangeCodeType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="COMM_PRC_INC_10" />  
    <xsd:enumeration value="COMM_PRC_DEC_10" />  
    <xsd:enumeration value="COMM_PRC_INC_40" />  
    <xsd:enumeration value="COMM_PRC_DEC_40" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundCreditSpreadsMarketFactorChangeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeFundCreditSpreadsMarketFactorChangeCodeType** (by restriction)

Sub-types: None

Name	HedgeFundCreditSpreadsMarketFactorChangeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'CRED_SPRD_INC_50' 'CRED_SPRD_DEC_50' 'CRED_SPRD_INC_250' 'CRED_SPRD_DEC_250'}
Documentation	<p>Elements of this type represent the Credit Spreads Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are: CRED_SPRD_INC_50 - Credit spreads increase 50bp CRED_SPRD_DEC_50 - Credit spreads decrease 50bp CRED_SPRD_INC_250 - Credit spreads increase 250bp CRED_SPRD_DEC_250 - Credit spreads decrease 250bp</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundCreditSpreadsMarketFactorChangeCodeType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="CRED_SPRD_INC_50" />  
    <xsd:enumeration value="CRED_SPRD_DEC_50" />  
    <xsd:enumeration value="CRED_SPRD_INC_250" />  
    <xsd:enumeration value="CRED_SPRD_DEC_250" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundCurrencyRatesMarketFactorChangeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeFundCurrencyRatesMarketFactorChangeCodeType** (by restriction)

Sub-types: None

Name	HedgeFundCurrencyRatesMarketFactorChangeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'CURR_RT_INC_5' 'CURR_RT_DEC_5' 'CURR_RT_INC_20' 'CURR_RT_DEC_20'}
Documentation	<p>Elements of this type represent the Currency Rates Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are: CURR_RT_INC_5 - Currency rates increase 5% CURR_RT_DEC_5 - Currency rates decrease 5% CURR_RT_INC_20 - Currency rates increase 20% CURR_RT_DEC_20 - Currency rates decrease 20%</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundCurrencyRatesMarketFactorChangeCodeType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="CURR_RT_INC_5" />  
    <xsd:enumeration value="CURR_RT_DEC_5" />  
    <xsd:enumeration value="CURR_RT_INC_20" />  
    <xsd:enumeration value="CURR_RT_DEC_20" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundDefaultRatesABSMarketFactorChangeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeFundDefaultRatesABSMarketFactorChangeCodeType** (by restriction)

Sub-types: None

Name	HedgeFundDefaultRatesABSMarketFactorChangeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy:</i> preserve• <i>value</i> comes from list: {'DEF_RT_ABS_INC_1' 'DEF_RT_ABS_DEC_1' 'DEF_RT_ABS_INC_5' 'DEF_RT_ABS_DEC_5'}
Documentation	<p>Elements of this type represent the Default Rates ABS Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>DEF_RT_ABS_INC_1 - Default rates increase 1 percentage point DEF_RT_ABS_DEC_1 - Default rates decrease 1 percentage point DEF_RT_ABS_INC_5 - Default rates increase 5 percentage points DEF_RT_ABS_DEC_5 - Default rates decrease 5 percentage points</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundDefaultRatesABSMarketFactorChangeCodeType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="DEF_RT_ABS_INC_1" />  
    <xsd:enumeration value="DEF_RT_ABS_DEC_1" />  
    <xsd:enumeration value="DEF_RT_ABS_INC_5" />  
    <xsd:enumeration value="DEF_RT_ABS_DEC_5" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundDefaultRatesCDSMarketFactorChangeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeFundDefaultRatesCDSMarketFactorChangeCodeType** (by restriction)

Sub-types: None

Name	HedgeFundDefaultRatesCDSMarketFactorChangeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy:</i> preserve• <i>value</i> comes from list: {'DEF_RT_CBND_CD_INC_1' 'DEF_RT_CBND_CD_DEC_1' 'DEF_RT_CBND_CD_INC_5' 'DEF_RT_CBND_CD_DEC_5'}
Documentation	<p>Elements of this type represent the Default Rates Corporate Bonds and CDs Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none">DEF_RT_CBND_CD_INC_1 - Default rates increase 1 percentage pointDEF_RT_CBND_CD_DEC_1 - Default rates decrease 1 percentage pointDEF_RT_CBND_CD_INC_5 - Default rates increase 5 percentage pointsDEF_RT_CBND_CD_DEC_5 - Default rates decrease 5 percentage points

Schema Component Representation

```
<xsd:simpleType name="HedgeFundDefaultRatesCDSMarketFactorChangeCodeType" >
  <xsd:restriction base="stringPreserveWhiteSpaces" >
    <xsd:enumeration value="DEF_RT_CBND_CD_INC_1" />
    <xsd:enumeration value="DEF_RT_CBND_CD_DEC_1" />
    <xsd:enumeration value="DEF_RT_CBND_CD_INC_5" />
    <xsd:enumeration value="DEF_RT_CBND_CD_DEC_5" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: HedgeFundEquityMarketFactorChangeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeFundEquityMarketFactorChangeCodeType** (by restriction)

Sub-types: None

Name	HedgeFundEquityMarketFactorChangeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'EQT_PRC_INC_5' 'EQT_PRC_DEC_5' 'EQT_PRC_INC_20' 'EQT_PRC_DEC_20'}
Documentation	<p>Elements of this type represent the Equity Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are: EQT_PRC_INC_5 - Equity prices increase 5% EQT_PRC_DEC_5 - Equity prices decrease 5% EQT_PRC_INC_20 - Equity prices increase 20% EQT_PRC_DEC_20 - Equity prices decrease 20%</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundEquityMarketFactorChangeCodeType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="EQT_PRC_INC_5" />  
    <xsd:enumeration value="EQT_PRC_DEC_5" />  
    <xsd:enumeration value="EQT_PRC_INC_20" />  
    <xsd:enumeration value="EQT_PRC_DEC_20" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundMarketFactorRelevanceType

Super-types:	xs:string < stringPreserveWhiteSpaces (by restriction) < HedgeFundMarketFactorRelevanceType (by restriction)
Sub-types:	None

Name	HedgeFundMarketFactorRelevanceType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'NOT_RLVNT' 'RLVNT_NOT_TSTD' 'RLVNT_TSTD'}
Documentation	Elements of this type represent the Market Factor Relevance Type for submitting Hedge fund positions. Allowed values (code-description) are: NOT_RLVNT - Not Relevant RLVNT_NOT_TSTD - Relevant/ Not Formally Tested RLVNT_TSTD - Relevant/Formally Tested

Schema Component Representation

```
<xsd:simpleType name="HedgeFundMarketFactorRelevanceType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="NOT_RLVNT"/>  
    <xsd:enumeration value="RLVNT_NOT_TSTD"/>  
    <xsd:enumeration value="RLVNT_TSTD"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType** (by restriction)

Sub-types: None

Name	HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy:</i> preserve• <i>value</i> comes from list: {'OPT_IMP_VOL_INC_4' 'OPT_IMP_VOL_DEC_4' 'OPT_IMP_VOL_INC_10' 'OPT_IMP_VOL_DEC_10'}
Documentation	<p>Elements of this type represent the Option Implied Volatilities Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none">OPT_IMP_VOL_INC_4 - Implied volatilities increase 4 percentage pointsOPT_IMP_VOL_DEC_4 - Implied volatilities decrease 4 percentage pointsOPT_IMP_VOL_INC_10 - Implied volatilities increase 10 percentage pointsOPT_IMP_VOL_DEC_10 - Implied volatilities decrease 10 percentage points

Schema Component Representation

```
<xsd:simpleType name="HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType" >
  <xsd:restriction base="stringPreserveWhiteSpaces" >
    <xsd:enumeration value="OPT_IMP_VOL_INC_4" />
    <xsd:enumeration value="OPT_IMP_VOL_DEC_4" />
    <xsd:enumeration value="OPT_IMP_VOL_INC_10" />
    <xsd:enumeration value="OPT_IMP_VOL_DEC_10" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType** (by restriction)

Sub-types: None

Name	HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy:</i> preserve• <i>value</i> comes from list: {'RSK_FR_INT_RT_INC_25' 'RSK_FR_INT_RT_DEC_25' 'RSK_FR_INT_RT_INC_75' 'RSK_FR_INT_RT_DEC_75'}
Documentation	<p>Elements of this type represent the Risk Free Interest Rates Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>RSK_FR_INT_RT_INC_25 - Risk free interest rates increase 25bp RSK_FR_INT_RT_DEC_25 - Risk free interest rates decrease 25bp RSK_FR_INT_RT_INC_75 - Risk free interest rates increase 75bp RSK_FR_INT_RT_DEC_75 - Risk free interest rates decrease 75bp</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="RSK_FR_INT_RT_INC_25" />  
    <xsd:enumeration value="RSK_FR_INT_RT_DEC_25" />  
    <xsd:enumeration value="RSK_FR_INT_RT_INC_75" />  
    <xsd:enumeration value="RSK_FR_INT_RT_DEC_75" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HighFreqTradingStrategyType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **HighFreqTradingStrategyType** (by restriction)

Sub-types: None

Name	HighFreqTradingStrategyType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'0' '1' '2' '3' '4' '5' '6'}
Documentation	Elements of this type represent the high-frequency trading strategies Allowed values (code-description) are: 0 - 0% 1 - less than 10% 2 - 10-25% 3 - 26-50% 4 - 51-75% 5 - 76-99% 6 - 100% or more

Schema Component Representation

```
<xsd:simpleType name="HighFreqTradingStrategyType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="0" />  
    <xsd:enumeration value="1" />  
    <xsd:enumeration value="2" />  
    <xsd:enumeration value="3" />  
    <xsd:enumeration value="4" />  
    <xsd:enumeration value="5" />  
    <xsd:enumeration value="6" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: InvestmentCategoryType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **InvestmentCategoryType** (by restriction)

Sub-types: None

Name	InvestmentCategoryType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'US_TRSRY_DEBT' 'US_GOVT_AGENCY_DEBT' 'NON_US_SUB_SOV_NATL' 'CERT_DPST' 'NON_NEG_TM_DPST' 'VRBL_RT_DMND_NT' 'OTHER_MNCPL_SCRTY' 'ASSET_BCKD_CMRCL' 'OTHER_ABS' 'US_TRSRY_REPO' 'US_GOVT_AGENCY_REPO' 'OTHER_REPO' 'INSRC_FUNDG_AGRMT' 'INVMT_CMPNY' 'FNNCL_CMPNY_CMRCL' 'NON_FNNCL_CMRCL' 'TNRD_OPTN_BOND' 'OTHER' 'NA'}
Documentation	<p>Elements of this type represent Investment Category Type (Section 3 - Item E - Q63(f) Investment Category)</p> <p>Allowed values (code-description) are:</p> <p>US_TRSRY_DEBT - U.S. Treasury Debt US_GOVT_AGENCY_DEBT - U.S. Government Agency Debt NON_US_SUB_SOV_NATL - Non-U.S. Sovereign, Sub-Sovereign and Supra-National debt CERT_DPST - Certificate of Deposit NON_NEG_TM_DPST - Non-Negotiable Time Deposit VRBL_RT_DMND_NT - Variable Rate Demand Note OTHER_MNCPL_SCRTY - Other Municipal Security ASSET_BCKD_CMRCL - Asset Backed Commercial Paper OTHER_ABS - Other Asset Backed Securities US_TRSRY_REPO - U.S. Treasury Repurchase Agreement, if collateralized only by U.S. Treasuries (including Strips) and cash US_GOVT_AGENCY_REPO - U.S. Government Agency Repurchase Agreement, collateralized only by U.S. Government Agency securities, U.S. Treasuries, and cash OTHER_REPO - Other Repurchase Agreement, if any collateral falls outside Treasury, Government Agency and cash INSRC_FUNDG_AGRMT - Insurance Company Funding Agreement INVMT_CMPNY - Investment Company FNNCL_CMPNY_CMRCL - Financial Company Commercial Paper NON_FNNCL_CMRCL - Non-Financial Company Commercial Paper TNRD_OPTN_BOND - Tender Option Bond OTHER - Other Instrument NA - N/A</p>

Schema Component Representation

```
<xsd:simpleType name="InvestmentCategoryType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="US_TRSRY_DEBT" />  
    <xsd:enumeration value="US_GOVT_AGENCY_DEBT" />  
    <xsd:enumeration value="NON_US_SUB_SOV_NATL" />  
    <xsd:enumeration value="CERT_DPST" />  
    <xsd:enumeration value="NON_NEG_TM_DPST" />  
    <xsd:enumeration value="VRBL_RT_DMND_NT" />  
    <xsd:enumeration value="OTHER_MNCPL_SCRTY" />  
    <xsd:enumeration value="ASSET_BCKD_CMRCL" />  
    <xsd:enumeration value="OTHER_ABS" />  
    <xsd:enumeration value="US_TRSRY_REPO" />  
    <xsd:enumeration value="US_GOVT_AGENCY_REPO" />  
    <xsd:enumeration value="OTHER_REPO" />  
    <xsd:enumeration value="INSRC_FUNDG_AGRMT" />  
    <xsd:enumeration value="INVMT_CMPNY" />  
    <xsd:enumeration value="FNNCL_CMPNY_CMRCL" />  
    <xsd:enumeration value="NON_FNNCL_CMRCL" />  
    <xsd:enumeration value="TNRD_OPTN_BOND" />  
    <xsd:enumeration value="OTHER" />  
    <xsd:enumeration value="NA" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: InvestmentGradeMeasureCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **InvestmentGradeMeasureCodeType** (by restriction)

Sub-types: None

Name	InvestmentGradeMeasureCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'DRTN' 'WAT' '10YR-EQ'}
Documentation	Measure type codes. Allowed values (code-description) are: DRTN - Bond Duration WAT - Weighted average tenor 10YR-EQ - 10-year bond equivalent

Schema Component Representation

```
<xsd:simpleType name="InvestmentGradeMeasureCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="DRTN"/>  
    <xsd:enumeration value="WAT"/>  
    <xsd:enumeration value="10YR-EQ"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: LEIType

Super-types: [xs:string](#) < LEIType (by restriction)

Sub-types: None

Name	LEIType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>pattern</i> = [a-zA-Z0-9]+• <i>length</i> <= 20

Schema Component Representation

```
<xsd:simpleType name="LEIType">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="20"/>  
    <xsd:pattern value="[a-zA-Z0-9]+"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: LiquidityFinancingMaturityTypeCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **LiquidityFinancingMaturityTypeCodeType** (by restriction)

Sub-types: None

Name	LiquidityFinancingMaturityTypeCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'UNSCD_US_INSTN' 'UNSCD_NON_US_INSTN' 'UNSCD_US_CRDTR' 'UNSCD_NON_US_CRDTR' 'SECRD_US_INSTN' 'SECRD_NON_US_INSTN' 'SECRD_US_CRDTR' 'SECRD_NON_US_CRDTR'}
Documentation	Maturity type codes for liquidity funds. Allowed values (code-description) are: UNSCD_US_INSTN - Unsecured borrowing U.S. financial institutions UNSCD_NON_US_INSTN - Unsecured borrowing Non-U.S. financial institutions UNSCD_US_CRDTR - Unsecured borrowing Other U.S. creditors UNSCD_NON_US_CRDTR - Unsecured borrowing Other non-U.S. creditors SECRD_US_INSTN - Secured borrowing U.S. financial institutions SECRD_NON_US_INSTN - Secured borrowing Non-U.S. financial institutions SECRD_US_CRDTR - Secured borrowing Other U.S. creditors SECRD_NON_US_CRDTR - Secured borrowing Other non-U.S. creditors

Schema Component Representation

```
<xsd:simpleType name="LiquidityFinancingMaturityTypeCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="UNSCD_US_INSTN"/>  
    <xsd:enumeration value="UNSCD_NON_US_INSTN"/>  
    <xsd:enumeration value="UNSCD_US_CRDTR"/>  
    <xsd:enumeration value="UNSCD_NON_US_CRDTR"/>  
    <xsd:enumeration value="SECRD_US_INSTN"/>  
    <xsd:enumeration value="SECRD_NON_US_INSTN"/>  
    <xsd:enumeration value="SECRD_US_CRDTR"/>  
    <xsd:enumeration value="SECRD_NON_US_CRDTR"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: LongRestricted10Type

Super-types: [xs:long](#) < LongRestricted10Type (by restriction)

Sub-types: None

Name	LongRestricted10Type
Content	<ul style="list-style-type: none">• Base XSD Type: long• -10000000000 < value < 10000000000

Schema Component Representation

```
<xsd:simpleType name="LongRestricted10Type">  
  <xsd:restriction base="xs:long">  
    <xsd:maxExclusive value="10000000000"/>  
    <xsd:minExclusive value="-10000000000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: LongRestricted15Type

Super-types: [xs:long](#) < LongRestricted15Type (by restriction)

Sub-types: None

Name	LongRestricted15Type
Content	<ul style="list-style-type: none">• Base XSD Type: long• -1000000000000000 < value < 1000000000000000• total no. of digits = 15

Schema Component Representation

```
<xsd:simpleType name="LongRestricted15Type">  
  <xsd:restriction base="xs:long">  
    <xsd:totalDigits value="15"/>  
    <xsd:minExclusive value="-1000000000000000"/>  
    <xsd:maxExclusive value="1000000000000000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: LongRestricted5Type

Super-types: [xsd:long](#) < LongRestricted5Type (by restriction)

Sub-types: None

Name	LongRestricted5Type
Content	<ul style="list-style-type: none">• Base XSD Type: long• $-100000 < value < 100000$

Schema Component Representation

```
<xsd:simpleType name="LongRestricted5Type">  
  <xsd:restriction base="xsd:long">  
    <xsd:minExclusive value="-100000"/>  
    <xsd:maxExclusive value="100000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: MajorFinInstType

Super-types:	xs:string < stringPreserveWhiteSpaces (by restriction) < MajorFinInstType (by restriction)
Sub-types:	None

Name	MajorFinInstType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'1' '2' '3' '4' '5' '6' '7' '8' '9' '10' '11' '12' '13' '14' '15' '16' '17' '18' '19' '20' '21' '22' '23' '24' '25' '26' '27' '28' '29' '30' '31' '32'}
Documentation	<p>Elements of this type represent the major Financial Institutes Allowed values (code-description) are:</p> <ol style="list-style-type: none">1 - SwissRe2 - WellsFargo3 - PIMCO4 - BlackRock5 - Natixsis6 - Barclays7 - BankofAmerica/MerrillLynch8 - BankofNewYork9 - BNPParibas10 - Calyon11 - CargillFinancialMarkets12 - Citigroup13 - CréditAgricole14 - CreditSuisse15 - DeutscheBank16 - Dresdner/Commerz17 - Fidelity18 - GoldmanSachs19 - HSBC20 - JPMorgan21 - MitsubishiUFJFinancialGroup22 - MorganStanley23 - NewEdge24 - Nomura25 - Prudential26 - RoyalBankofCanada27 - RoyalBankofScotland28 - SociétéGénérale29 - StateStreet30 - UBS31 - NA32 - Other

Schema Component Representation

```
<xsd:simpleType name="MajorFinInstType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="1"/>
    <xsd:enumeration value="2"/>
    <xsd:enumeration value="3"/>
    <xsd:enumeration value="4"/>
    <xsd:enumeration value="5"/>
    <xsd:enumeration value="6"/>
    <xsd:enumeration value="7"/>
    <xsd:enumeration value="8"/>
    <xsd:enumeration value="9"/>
    <xsd:enumeration value="10"/>
    <xsd:enumeration value="11"/>
    <xsd:enumeration value="12"/>
    <xsd:enumeration value="13"/>
    <xsd:enumeration value="14"/>
    <xsd:enumeration value="15"/>
    <xsd:enumeration value="16"/>
    <xsd:enumeration value="17"/>
    <xsd:enumeration value="18"/>
    <xsd:enumeration value="19"/>
    <xsd:enumeration value="20"/>
    <xsd:enumeration value="21"/>
    <xsd:enumeration value="22"/>
    <xsd:enumeration value="23"/>
    <xsd:enumeration value="24"/>
    <xsd:enumeration value="25"/>
    <xsd:enumeration value="26"/>
    <xsd:enumeration value="27"/>
    <xsd:enumeration value="28"/>
    <xsd:enumeration value="29"/>
    <xsd:enumeration value="30"/>
    <xsd:enumeration value="31"/>
    <xsd:enumeration value="32"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: NAICSCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **NAICSCodeType** (by restriction)

Sub-types: None

Name	NAICSCodeType
Content	<ul style="list-style-type: none"> Base XSD Type: string Whitespace policy: preserve value comes from list: {'NA' '11110' '11120' '11130' '11140' '11150' '11160' '11191' '11199' '111211' '111219' '111310' '111320' '111331' '111332' '111333' '111334' '111335' '111336' '111339' '111411' '111419' '111421' '111422' '111910' '111920' '111930' '111940' '111991' '111992' '111998' '112111' '112112' '112120' '112130' '112210' '112310' '112320' '112330' '112340' '112390' '112410' '112420' '112511' '112512' '112519' '112910' '112920' '112930' '112990' '113110' '113210' '113310' '114111' '114112' '114119' '114210' '115111' '115112' '115113' '115114' '115115' '115116' '115210' '115310' '211120' '211130' '212114' '212115' '212210' '212220' '212230' '212290' '212311' '212312' '212313' '212319' '212321' '212322' '212323' '212390' '213111' '213112' '213113' '213114' '213115' '221111' '221112' '221113' '221114' '221115' '221116' '221117' '221118' '221121' '221122' '221210' '221310' '221320' '221330' '221339' '236115' '236116' '236117' '236118' '236210' '236220' '237110' '237120' '237130' '237210' '237310' '237990' '238110' '238120' '238130' '238140' '238150' '238160' '238170' '238190' '238210' '238220' '238290' '238310' '238320' '238330' '238340' '238350' '238390' '238910' '238990' '311111' '311119' '311211' '311212' '311213' '311221' '311224' '311225' '311230' '311313' '311314' '311340' '311351' '311352' '311411' '311412' '311421' '311422' '311423' '311511' '311512' '311513' '311514' '311520' '311611' '311612' '311613' '311615' '311710' '311811' '311812' '311813' '311821' '311824' '311830' '311911' '311919' '311920' '311930' '311941' '311942' '311991' '311999' '312111' '312112' '312113' '312120' '312130' '312140' '312230' '313110' '313210' '313220' '313230' '313240' '313310' '313320' '314110' '314120' '314910' '314994' '314999' '315120' '315210' '315250' '315990' '316110' '316210' '316990' '321113' '321114' '321115' '321211' '321212' '321215' '321219' '321911' '321912' '321918' '321920' '321991' '321992' '321999' '322110' '322120' '322130' '322211' '322212' '322219' '322220' '322230' '322291' '322299' '323111' '323113' '323117' '323120' '324110' '324121' '324122' '324191' '324199' '325110' '325120' '325130' '325180' '325193' '325194' '325199' '325211' '325212' '325220' '325311' '325312' '325314' '325315' '325320' '325411' '325412' '325413' '325414' '325510' '325520' '325611' '325612' '325613' '325620' '325910' '325920' '325991' '325992' '325998' '326111' '326112' '326113' '326121' '326122' '326130' '326140' '326150' '326160' '326191' '326199' '326211' '326212' '326220' '326291' '326299' '327110' '327120' '327211' '327212' '327213' '327215' '327310' '327320' '327331' '327332' '327390' '327410' '327420' '327910' '327991' '327992' '327993' '327999' '331110' '331210' '331221' '331222' '331313' '331314' '331315' '331315' '331318' '331410' '331420' '331491' '331492' '331511' '331512' '331513' '331523' '331524' '331529' '332111' '332112' '332114' '332117' '332119' '332215' '332216' '332311' '332312' '332313' '332321' '332322' '332323' '332410' '332420' '332431' '332439' '332510' '332613' '332618' '332710' '332721' '332722' '332811' '332812' '332813' '332911' '332912' '332913' '332919' '332991' '332992' '332993' '332994' '332996' '332998' '332999' '333111' '333112' '333120' '333131' '333132' '333241' '333242' '333243' '333248' '333310' '333413' '333414' '333415' '333511' '333514' '333515' '333517' '333519' '333611' '333612' '333613' '333618' '333912' '333914' '333921' '333922' '333923' '333924' '333991' '333992' '333993' '333994' '333995' '333999' '423110' '423120' '423130' '423140' '423210' '423220' '423310' '423320' '423330' '423390' '423410' '423420' '423430' '423440' '423450' '423460' '423490' '423510' '423520' '423610' '423620' '423690' '423710' '423720' '423730' '423740' '423810' '423820' '423830' '423840' '423850' '423860' '423910' '423920' '423930' '423940' '423990' '424110' '424120' '424130' '424210' '424310' '424340' '424350' '424410' '424420' '424430' '424440' '424450' '424460' '424470' '424480' '424490' '424510' '424520' '424590' '424610' '424690' '424710' '424720' '424810' '424820' '424910' '424920' '424930' '424940' '424950' '424990' '425120' '441110' '441120' '441121' '441222' '441227' '441330' '441340' '444110' '444120' '444140' '444180' '444230' '444240' '445110' '445131' '445132' '445230' '445240' '445250' '445291' '445292' '445298' '445320' '449110' '449121' '449122' '449129' '449210' '455110' '455211' '455219' '456110' '456120' '456130' '456191' '456199' '457110' '457120' '457210' '458110' '458210' '458310' '458320' '459110' '459120' '459130' '459140' '459210' '459310' '459410' '459420' '459510' '459920' '459930' '459991' '459999' '481111' '481112' '481211' '481212' '481219' '482111' '482112' '483111' '483112' '483113' '483114' '483211' '483212' '484110' '484121' '484122' '484210' '484220' '484230' '485111' '485112' '485113' '485119' '485210' '485310' '485320' '485410' '485510' '485991' '485999' '486110' '486210' '486910' '486990' '487110' '487210' '487990' '488111' '488119' '488190' '488210' '488310' '488320' '488330' '488390' '488410' '488490' '488510' '488991' '488999' '491110' '492110' '492210' '493110' '493120' '493130' }

'493190' | '512110' | '512120' | '512131' | '512132' | '512191' | '512199' | '512230' | '512240' | '512250' |
 '512290' | '513110' | '513120' | '513130' | '513140' | '513191' | '513199' | '513210' | '516110' | '516120' |
 '516210' | '517111' | '517112' | '517121' | '517122' | '517410' | '517810' | '518210' | '519210' | '519290' |
 '521110' | '522110' | '522130' | '522180' | '522210' | '522220' | '522291' | '522292' | '522299' | '522310' |
 '522320' | '522390' | '523150' | '523160' | '523210' | '523910' | '523940' | '523991' | '523999' | '524113' |
 '524114' | '524126' | '524127' | '524128' | '524130' | '524210' | '524291' | '524292' | '524298' | '525110' |
 '525120' | '525190' | '525910' | '525920' | '525990' | '531110' | '531120' | '531130' | '531190' | '531210' |
 '531311' | '531312' | '531320' | '531390' | '532111' | '532112' | '532120' | '532210' | '532281' | '532282' |
 '532283' | '532284' | '532289' | '532310' | '532411' | '532412' | '532420' | '532490' | '533110' | '541110' |
 '541120' | '541191' | '541199' | '541211' | '541213' | '541214' | '541219' | '541310' | '541320' | '541330' |
 '541340' | '541350' | '541360' | '541370' | '541380' | '541410' | '541420' | '541430' | '541490' | '541511' |
 '541512' | '541513' | '541519' | '541611' | '541612' | '541613' | '541614' | '541618' | '541620' | '541690' |
 '541713' | '541714' | '541715' | '541720' | '541810' | '541820' | '541830' | '541840' | '541850' | '541860' |
 '541870' | '541890' | '541910' | '541921' | '541922' | '541930' | '541940' | '541990' | '551111' | '551112' |
 '551114' | '561110' | '561210' | '561311' | '561312' | '561320' | '561330' | '561410' | '561421' | '561422' |
 '561431' | '561439' | '561440' | '561450' | '561491' | '561492' | '561499' | '561510' | '561520' | '561591' |
 '561599' | '561611' | '561612' | '561613' | '561621' | '561622' | '561710' | '561720' | '561730' | '561740' |
 '561790' | '561910' | '561920' | '561990' | '562111' | '562112' | '562119' | '562211' | '562212' | '562213' |
 '562219' | '562910' | '562920' | '562991' | '562998' | '611110' | '611210' | '611310' | '611410' | '611420' |
 '611430' | '611511' | '611512' | '611513' | '611519' | '611610' | '611620' | '611630' | '611691' | '611692' |
 '611699' | '611710' | '621111' | '621112' | '621210' | '621310' | '621320' | '621330' | '621340' | '621391' |
 '621399' | '621410' | '621420' | '621491' | '621492' | '621493' | '621498' | '621511' | '621512' | '621610' |
 '621910' | '621991' | '621999' | '622110' | '622210' | '622310' | '623110' | '623210' | '623220' | '623311' |
 '623312' | '623990' | '624110' | '624120' | '624190' | '624210' | '624221' | '624229' | '624230' | '624310' |
 '624410' | '711110' | '711120' | '711130' | '711190' | '711211' | '711212' | '711219' | '711310' | '711320' |
 '711410' | '711510' | '712110' | '712120' | '712130' | '712190' | '713110' | '713120' | '713210' | '713290' |
 '713910' | '713920' | '713930' | '713940' | '713950' | '713990' | '721110' | '721120' | '721191' | '721199' |
 '721211' | '721214' | '721310' | '722310' | '722320' | '722330' | '722410' | '722511' | '722513' | '722514' |
 '722515' | '811111' | '811114' | '811121' | '811122' | '811191' | '811192' | '811198' | '811210' | '811310' |
 '811411' | '811412' | '811420' | '811430' | '811490' | '812111' | '812112' | '812113' | '812191' | '812199' |
 '812210' | '812220' | '812310' | '812320' | '812331' | '812332' | '812910' | '812921' | '812922' | '812930' |
 '812990' | '813110' | '813211' | '813212' | '813219' | '813311' | '813312' | '813319' | '813410' | '813910' |
 '813920' | '813930' | '813940' | '813990' | '814110' | '921110' | '921120' | '921130' | '921140' | '921150' |
 '921190' | '922110' | '922120' | '922130' | '922140' | '922150' | '922160' | '922190' | '923110' | '923120' |
 '923130' | '923140' | '924110' | '924120' | '925110' | '925120' | '926110' | '926120' | '926130' | '926140' |
 '926150' | '927110' | '928110' | '928120' }

Documentation

Elements of this type represent the allowed NAICS Codes.

Allowed values (code - Title) are:

NA - Not Applicable

111110 - Soybean Farming

111120 - Oilseed (except Soybean) Farming

111130 - Dry Pea and Bean Farming

111140 - Wheat Farming

111150 - Corn Farming

111160 - Rice Farming

111191 - Oilseed and Grain Combination Farming

111199 - All Other Grain Farming

111211 - Potato Farming

111219 - Other Vegetable (except Potato) and Melon Farming

111310 - Orange Groves

111320 - Citrus (except Orange) Groves

111331 - Apple Orchards

111332 - Grape Vineyards

111333 - Strawberry Farming

111334 - Berry (except Strawberry) Farming

111335 - Tree Nut Farming

111336 - Fruit and Tree Nut Combination Farming

111339 - Other Noncitrus Fruit Farming

111411 - Mushroom Production

111419 - Other Food Crops Grown Under Cover

111421 - Nursery and Tree Production

111422 - Floriculture Production

111910 - Tobacco Farming

111920 - Cotton Farming

111930 - Sugarcane Farming

111940 - Hay Farming

111991 - Sugar Beet Farming

111992 - Peanut Farming

111998 - All Other Miscellaneous Crop Farming

112111 - Beef Cattle Ranching and Farming

112112 - Cattle Feedlots

112120 - Dairy Cattle and Milk Production

112130 - Dual-Purpose Cattle Ranching and Farming

112210 - Hog and Pig Farming

112310 - Chicken Egg Production

112320 - Broilers and Other Meat Type Chicken Production

112330 - Turkey Production

112340 - Poultry Hatcheries

112390 - Other Poultry Production

112410 - Sheep Farming

112420 - Goat Farming
112511 - Finfish Farming and Fish Hatcheries
112512 - Shellfish Farming
112519 - Other Aquaculture
112910 - Apiculture
112920 - Horses and Other Equine Production
112930 - Fur-Bearing Animal and Rabbit Production
112990 - All Other Animal Production
113110 - Timber Tract Operations
113210 - Forest Nurseries and Gathering of Forest Products
113310 - Logging
114111 - Finfish Fishing
114112 - Shellfish Fishing
114119 - Other Marine Fishing
114210 - Hunting and Trapping
115111 - Cotton Ginning
115112 - Soil Preparation, Planting, and Cultivating
115113 - Crop Harvesting, Primarily by Machine
115114 - Postharvest Crop Activities (except Cotton Ginning)
115115 - Farm Labor Contractors and Crew Leaders
115116 - Farm Management Services
115210 - Support Activities for Animal Production
115310 - Support Activities for Forestry
211120 - Crude Petroleum Extraction
211130 - Natural Gas Extraction
212114 - Surface Coal Mining
212115 - Underground Coal Mining
212210 - Iron Ore Mining
212220 - Gold Ore and Silver Ore Mining
212230 - Copper, Nickel, Lead, and Zinc Mining
212290 - Other Metal Ore Mining
212311 - Dimension Stone Mining and Quarrying
212312 - Crushed and Broken Limestone Mining and Quarrying
212313 - Crushed and Broken Granite Mining and Quarrying
212319 - Other Crushed and Broken Stone Mining and Quarrying
212321 - Construction Sand and Gravel Mining
212322 - Industrial Sand Mining
212323 - Kaolin, Clay, and Ceramic and Refractory Minerals Mining
212390 - Other Nonmetallic Mineral Mining and Quarrying
213111 - Drilling Oil and Gas Wells
213112 - Support Activities for Oil and Gas Operations
213113 - Support Activities for Coal Mining
213114 - Support Activities for Metal Mining
213115 - Support Activities for Nonmetallic Minerals (except Fuels) Mining
221111 - Hydroelectric Power Generation
221112 - Fossil Fuel Electric Power Generation
221113 - Nuclear Electric Power Generation
221114 - Solar Electric Power Generation
221115 - Wind Electric Power Generation
221116 - Geothermal Electric Power Generation
221117 - Biomass Electric Power Generation
221118 - Other Electric Power Generation
221121 - Electric Bulk Power Transmission and Control
221122 - Electric Power Distribution
221210 - Natural Gas Distribution
221310 - Water Supply and Irrigation Systems
221320 - Sewage Treatment Facilities
221330 - Steam and Air-Conditioning Supply
236115 - New Single-Family Housing Construction (except For-Sale Builders)
236116 - New Multifamily Housing Construction (except For-Sale Builders)
236117 - New Housing For-Sale Builders
236118 - Residential Remodelers
236210 - Industrial Building Construction
236220 - Commercial and Institutional Building Construction
237110 - Water and Sewer Line and Related Structures Construction
237120 - Oil and Gas Pipeline and Related Structures Construction
237130 - Power and Communication Line and Related Structures Construction
237210 - Land Subdivision
237310 - Highway, Street, and Bridge Construction
237990 - Other Heavy and Civil Engineering Construction
238110 - Poured Concrete Foundation and Structure Contractors
238120 - Structural Steel and Precast Concrete Contractors
238130 - Framing Contractors
238140 - Masonry Contractors
238150 - Glass and Glazing Contractors
238160 - Roofing Contractors
238170 - Siding Contractors
238190 - Other Foundation, Structure, and Building Exterior Contractors
238210 - Electrical Contractors and Other Wiring Installation Contractors
238220 - Plumbing, Heating, and Air-Conditioning Contractors

238290 - Other Building Equipment Contractors
238310 - Drywall and Insulation Contractors
238320 - Painting and Wall Covering Contractors
238330 - Flooring Contractors
238340 - Tile and Terrazzo Contractors
238350 - Finish Carpentry Contractors
238390 - Other Building Finishing Contractors
238910 - Site Preparation Contractors
238990 - All Other Specialty Trade Contractors
311111 - Dog and Cat Food Manufacturing
311119 - Other Animal Food Manufacturing
311211 - Flour Milling
311212 - Rice Milling
311213 - Malt Manufacturing
311221 - Wet Corn Milling and Starch Manufacturing
311224 - Soybean and Other Oilseed Processing
311225 - Fats and Oils Refining and Blending
311230 - Breakfast Cereal Manufacturing
311313 - Beet Sugar Manufacturing
311314 - Cane Sugar Manufacturing
311340 - Nonchocolate Confectionery Manufacturing
311351 - Chocolate and Confectionery Manufacturing from Cacao Beans
311352 - Confectionery Manufacturing from Purchased Chocolate
311411 - Frozen Fruit, Juice, and Vegetable Manufacturing
311412 - Frozen Specialty Food Manufacturing
311421 - Fruit and Vegetable Canning
311422 - Specialty Canning
311423 - Dried and Dehydrated Food Manufacturing
311511 - Fluid Milk Manufacturing
311512 - Creamery Butter Manufacturing
311513 - Cheese Manufacturing
311514 - Dry, Condensed, and Evaporated Dairy Product Manufacturing
311520 - Ice Cream and Frozen Dessert Manufacturing
311611 - Animal (except Poultry) Slaughtering
311612 - Meat Processed from Carcasses
311613 - Rendering and Meat Byproduct Processing
311615 - Poultry Processing
311710 - Seafood Product Preparation and Packaging
311811 - Retail Bakeries
311812 - Commercial Bakeries
311813 - Frozen Cakes, Pies, and Other Pastries Manufacturing
311821 - Cookie and Cracker Manufacturing
311824 - Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour
311830 - Tortilla Manufacturing
311911 - Roasted Nuts and Peanut Butter Manufacturing
311919 - Other Snack Food Manufacturing
311920 - Coffee and Tea Manufacturing
311930 - Flavoring Syrup and Concentrate Manufacturing
311941 - Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing
311942 - Spice and Extract Manufacturing
311991 - Perishable Prepared Food Manufacturing
311999 - All Other Miscellaneous Food Manufacturing
312111 - Soft Drink Manufacturing
312112 - Bottled Water Manufacturing
312113 - Ice Manufacturing
312120 - Breweries
312130 - Wineries
312140 - Distilleries
312230 - Tobacco Manufacturing
313110 - Fiber, Yarn, and Thread Mills
313210 - Broadwoven Fabric Mills
313220 - Narrow Fabric Mills and Schifflli Machine Embroidery
313230 - Nonwoven Fabric Mills
313240 - Knit Fabric Mills
313310 - Textile and Fabric Finishing Mills
313320 - Fabric Coating Mills
314110 - Carpet and Rug Mills
314120 - Curtain and Linen Mills
314910 - Textile Bag and Canvas Mills
314994 - Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills
314999 - All Other Miscellaneous Textile Product Mills
315120 - Apparel Knitting Mills
315210 - Cut and Sew Apparel Contractors
315250 - Cut and Sew Apparel Manufacturing (except Contractors)
315990 - Apparel Accessories and Other Apparel Manufacturing
316110 - Leather and Hide Tanning and Finishing
316210 - Footwear Manufacturing
316990 - Other Leather and Allied Product Manufacturing
321113 - Sawmills
321114 - Wood Preservation

321211 - Hardwood Veneer and Plywood Manufacturing
321212 - Softwood Veneer and Plywood Manufacturing
321215 - Engineered Wood Member Manufacturing
321219 - Reconstituted Wood Product Manufacturing
321911 - Wood Window and Door Manufacturing
321912 - Cut Stock, Resawing Lumber, and Planing
321918 - Other Millwork (including Flooring)
321920 - Wood Container and Pallet Manufacturing
321991 - Manufactured Home (Mobile Home) Manufacturing
321992 - Prefabricated Wood Building Manufacturing
321999 - All Other Miscellaneous Wood Product Manufacturing
322110 - Pulp Mills
322120 - Paper Mills
322130 - Paperboard Mills
322211 - Corrugated and Solid Fiber Box Manufacturing
322212 - Folding Paperboard Box Manufacturing
322219 - Other Paperboard Container Manufacturing
322220 - Paper Bag and Coated and Treated Paper Manufacturing
322230 - Stationery Product Manufacturing
322291 - Sanitary Paper Product Manufacturing
322299 - All Other Converted Paper Product Manufacturing
323111 - Commercial Printing (except Screen and Books)
323113 - Commercial Screen Printing
323117 - Books Printing
323120 - Support Activities for Printing
324110 - Petroleum Refineries
324121 - Asphalt Paving Mixture and Block Manufacturing
324122 - Asphalt Shingle and Coating Materials Manufacturing
324191 - Petroleum Lubricating Oil and Grease Manufacturing
324199 - All Other Petroleum and Coal Products Manufacturing
325110 - Petrochemical Manufacturing
325120 - Industrial Gas Manufacturing
325130 - Synthetic Dye and Pigment Manufacturing
325180 - Other Basic Inorganic Chemical Manufacturing
325193 - Ethyl Alcohol Manufacturing
325194 - Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing
325199 - All Other Basic Organic Chemical Manufacturing
325211 - Plastics Material and Resin Manufacturing
325212 - Synthetic Rubber Manufacturing
325220 - Artificial and Synthetic Fibers and Filaments Manufacturing
325311 - Nitrogenous Fertilizer Manufacturing
325312 - Phosphatic Fertilizer Manufacturing
325314 - Fertilizer (Mixing Only) Manufacturing
325315 - Compost Manufacturing
325320 - Pesticide and Other Agricultural Chemical Manufacturing
325411 - Medicinal and Botanical Manufacturing
325412 - Pharmaceutical Preparation Manufacturing
325413 - In-Vitro Diagnostic Substance Manufacturing
325414 - Biological Product (except Diagnostic) Manufacturing
325510 - Paint and Coating Manufacturing
325520 - Adhesive Manufacturing
325611 - Soap and Other Detergent Manufacturing
325612 - Polish and Other Sanitation Good Manufacturing
325613 - Surface Active Agent Manufacturing
325620 - Toilet Preparation Manufacturing
325910 - Printing Ink Manufacturing
325920 - Explosives Manufacturing
325991 - Custom Compounding of Purchased Resins
325992 - Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing
325998 - All Other Miscellaneous Chemical Product and Preparation Manufacturing
326111 - Plastics Bag and Pouch Manufacturing
326112 - Plastics Packaging Film and Sheet (including Laminated) Manufacturing
326113 - Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing
326121 - Unlaminated Plastics Profile Shape Manufacturing
326122 - Plastics Pipe and Pipe Fitting Manufacturing
326130 - Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing
326140 - Polystyrene Foam Product Manufacturing
326150 - Urethane and Other Foam Product (except Polystyrene) Manufacturing
326160 - Plastics Bottle Manufacturing
326191 - Plastics Plumbing Fixture Manufacturing
326199 - All Other Plastics Product Manufacturing
326211 - Tire Manufacturing (except Retreading)
326212 - Tire Retreading
326220 - Rubber and Plastics Hoses and Belting Manufacturing
326291 - Rubber Product Manufacturing for Mechanical Use
326299 - All Other Rubber Product Manufacturing
327110 - Pottery, Ceramics, and Plumbing Fixture Manufacturing
327120 - Clay Building Material and Refractories Manufacturing
327211 - Flat Glass Manufacturing
327212 - Other Pressed and Blown Glass and Glassware Manufacturing

327213 - Glass Product Manufacturing
327215 - Glass Product Manufacturing Made of Purchased Glass
327310 - Cement Manufacturing
327320 - Ready-Mix Concrete Manufacturing
327331 - Concrete Block and Brick Manufacturing
327332 - Concrete Pipe Manufacturing
327390 - Other Concrete Product Manufacturing
327410 - Lime Manufacturing
327420 - Gypsum Product Manufacturing
327910 - Abrasive Product Manufacturing
327991 - Cut Stone and Stone Product Manufacturing
327992 - Ground or Treated Mineral and Earth Manufacturing
327993 - Mineral Wool Manufacturing
327999 - All Other Miscellaneous Nonmetallic Mineral Product Manufacturing
331110 - Iron and Steel Mills and Ferroalloy Manufacturing
331210 - Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
331221 - Rolled Steel Shape Manufacturing
331222 - Steel Wire Drawing
331313 - Alumina Refining and Primary Aluminum Production
331314 - Secondary Smelting and Alloying of Aluminum
331315 - Aluminum Sheet, Plate, and Foil Manufacturing
331318 - Other Aluminum Rolling, Drawing, and Extruding
331410 - Nonferrous Metal (except Aluminum) Smelting and Refining
331420 - Copper Rolling, Drawing, Extruding, and Alloying
331491 - Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding
331492 - Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
331511 - Iron Foundries
331512 - Steel Investment Foundries
331513 - Steel Foundries (except Investment)
331523 - Nonferrous Metal Die-Casting Foundries
331524 - Aluminum Foundries (except Die-Casting)
331529 - Other Nonferrous Metal Foundries (except Die-Casting)
332111 - Iron and Steel Forging
332112 - Nonferrous Forging
332114 - Custom Roll Forming
332117 - Powder Metallurgy Part Manufacturing
332119 - Metal Crown, Closure, and Other Metal Stamping (except Automotive)
332215 - Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing
332216 - Saw Blade and Handtool Manufacturing
332311 - Prefabricated Metal Building and Component Manufacturing
332312 - Fabricated Structural Metal Manufacturing
332313 - Plate Work Manufacturing
332321 - Metal Window and Door Manufacturing
332322 - Sheet Metal Work Manufacturing
332323 - Ornamental and Architectural Metal Work Manufacturing
332410 - Power Boiler and Heat Exchanger Manufacturing
332420 - Metal Tank (Heavy Gauge) Manufacturing
332431 - Metal Can Manufacturing
332439 - Other Metal Container Manufacturing
332510 - Hardware Manufacturing
332613 - Spring Manufacturing
332618 - Other Fabricated Wire Product Manufacturing
332710 - Machine Shops
332721 - Precision Turned Product Manufacturing
332722 - Bolt, Nut, Screw, Rivet, and Washer Manufacturing
332811 - Metal Heat Treating
332812 - Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
332813 - Electroplating, Plating, Polishing, Anodizing, and Coloring
332911 - Industrial Valve Manufacturing
332912 - Fluid Power Valve and Hose Fitting Manufacturing
332913 - Plumbing Fixture Fitting and Trim Manufacturing
332919 - Other Metal Valve and Pipe Fitting Manufacturing
332991 - Ball and Roller Bearing Manufacturing
332992 - Small Arms Ammunition Manufacturing
332993 - Ammunition (except Small Arms) Manufacturing
332994 - Small Arms, Ordnance, and Ordnance Accessories Manufacturing
332996 - Fabricated Pipe and Pipe Fitting Manufacturing
332999 - All Other Miscellaneous Fabricated Metal Product Manufacturing
333111 - Farm Machinery and Equipment Manufacturing
333112 - Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing
333120 - Construction Machinery Manufacturing
333131 - Mining Machinery and Equipment Manufacturing
333132 - Oil and Gas Field Machinery and Equipment Manufacturing
333241 - Food Product Machinery Manufacturing
333242 - Semiconductor Machinery Manufacturing
333243 - Sawmill, Woodworking, and Paper Machinery Manufacturing
333248 - All Other Industrial Machinery Manufacturing
333310 - Commercial and Service Industry Machinery Manufacturing
333413 - Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing
333414 - Heating Equipment (except Warm Air Furnaces) Manufacturing

Equipment Manufacturing

333511 - Industrial Mold Manufacturing
 333514 - Special Die and Tool, Die Set, Jig, and Fixture Manufacturing
 333515 - Cutting Tool and Machine Tool Accessory Manufacturing
 333517 - Machine Tool Manufacturing
 333519 - Rolling Mill and Other Metalworking Machinery Manufacturing
 333611 - Turbine and Turbine Generator Set Units Manufacturing
 333612 - Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing
 333613 - Mechanical Power Transmission Equipment Manufacturing
 333618 - Other Engine Equipment Manufacturing
 333912 - Air and Gas Compressor Manufacturing
 333914 - Measuring, Dispensing, and Other Pumping Equipment Manufacturing
 333921 - Elevator and Moving Stairway Manufacturing
 333922 - Conveyor and Conveying Equipment Manufacturing
 333923 - Overhead Traveling Crane, Hoist, and Monorail System Manufacturing
 333924 - Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
 333991 - Power-Driven Handtool Manufacturing
 333992 - Welding and Soldering Equipment Manufacturing
 333993 - Packaging Machinery Manufacturing
 333994 - Industrial Process Furnace and Oven Manufacturing
 333995 - Fluid Power Cylinder and Actuator Manufacturing
 333996 - Fluid Power Pump and Motor Manufacturing
 333998 - All Other Miscellaneous General Purpose Machinery Manufacturing
 334111 - Electronic Computer Manufacturing
 334112 - Computer Storage Device Manufacturing
 334118 - Computer Terminal and Other Computer Peripheral Equipment Manufacturing
 334210 - Telephone Apparatus Manufacturing
 334220 - Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
 334290 - Other Communications Equipment Manufacturing
 334310 - Audio and Video Equipment Manufacturing
 334412 - Bare Printed Circuit Board Manufacturing
 334413 - Semiconductor and Related Device Manufacturing
 334416 - Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing
 334417 - Electronic Connector Manufacturing
 334418 - Printed Circuit Assembly (Electronic Assembly) Manufacturing
 334419 - Other Electronic Component Manufacturing
 334510 - Electromedical and Electrotherapeutic Apparatus Manufacturing
 334511 - Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument

Manufacturing

334512 - Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
 334513 - Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling

Industrial Process Variables

334514 - Totalizing Fluid Meter and Counting Device Manufacturing
 334515 - Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
 334516 - Analytical Laboratory Instrument Manufacturing
 334517 - Irradiation Apparatus Manufacturing
 334519 - Other Measuring and Controlling Device Manufacturing
 334610 - Manufacturing and Reproducing Magnetic and Optical Media
 335131 - Residential Electric Lighting Fixture Manufacturing
 335132 - Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing
 335139 - Electric Lamp Bulb and Other Lighting Equipment Manufacturing
 335210 - Small Electrical Appliance Manufacturing
 335220 - Major Household Appliance Manufacturing
 335311 - Power, Distribution, and Specialty Transformer Manufacturing
 335312 - Motor and Generator Manufacturing
 335313 - Switchgear and Switchboard Apparatus Manufacturing
 335314 - Relay and Industrial Control Manufacturing
 335910 - Battery Manufacturing
 335921 - Fiber Optic Cable Manufacturing
 335929 - Other Communication and Energy Wire Manufacturing
 335931 - Current-Carrying Wiring Device Manufacturing
 335932 - Noncurrent-Carrying Wiring Device Manufacturing
 335991 - Carbon and Graphite Product Manufacturing
 335999 - All Other Miscellaneous Electrical Equipment and Component Manufacturing
 336110 - Automobile and Light Duty Motor Vehicle Manufacturing
 336120 - Heavy Duty Truck Manufacturing
 336211 - Motor Vehicle Body Manufacturing
 336212 - Truck Trailer Manufacturing
 336213 - Motor Home Manufacturing
 336214 - Travel Trailer and Camper Manufacturing
 336310 - Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
 336320 - Motor Vehicle Electrical and Electronic Equipment Manufacturing
 336330 - Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
 336340 - Motor Vehicle Brake System Manufacturing
 336350 - Motor Vehicle Transmission and Power Train Parts Manufacturing
 336360 - Motor Vehicle Seating and Interior Trim Manufacturing
 336370 - Motor Vehicle Metal Stamping
 336390 - Other Motor Vehicle Parts Manufacturing
 336411 - Aircraft Manufacturing

336412 - Aircraft Engine and Engine Parts Manufacturing
 336413 - Other Aircraft Parts and Auxiliary Equipment Manufacturing
 336414 - Guided Missile and Space Vehicle Manufacturing
 336415 - Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing
 336419 - Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing
 336510 - Railroad Rolling Stock Manufacturing
 336611 - Ship Building and Repairing
 336612 - Boat Building
 336991 - Motorcycle, Bicycle, and Parts Manufacturing
 336992 - Military Armored Vehicle, Tank, and Tank Component Manufacturing
 336999 - All Other Transportation Equipment Manufacturing
 337110 - Wood Kitchen Cabinet and Countertop Manufacturing
 337121 - Upholstered Household Furniture Manufacturing
 337122 - Nonupholstered Wood Household Furniture Manufacturing
 337126 - Household Furniture (except Wood and Upholstered) Manufacturing
 337127 - Institutional Furniture Manufacturing
 337211 - Wood Office Furniture Manufacturing
 337212 - Custom Architectural Woodwork and Millwork Manufacturing
 337214 - Office Furniture (except Wood) Manufacturing
 337215 - Showcase, Partition, Shelving, and Locker Manufacturing
 337910 - Mattress Manufacturing
 337920 - Blind and Shade Manufacturing
 339112 - Surgical and Medical Instrument Manufacturing
 339113 - Surgical Appliance and Supplies Manufacturing
 339114 - Dental Equipment and Supplies Manufacturing
 339115 - Ophthalmic Goods Manufacturing
 339116 - Dental Laboratories
 339910 - Jewelry and Silverware Manufacturing
 339920 - Sporting and Athletic Goods Manufacturing
 339930 - Doll, Toy, and Game Manufacturing
 339940 - Office Supplies (except Paper) Manufacturing
 339950 - Sign Manufacturing
 339991 - Gasket, Packing, and Sealing Device Manufacturing
 339992 - Musical Instrument Manufacturing
 339993 - Fastener, Button, Needle, and Pin Manufacturing
 339994 - Broom, Brush, and Mop Manufacturing
 339995 - Burial Casket Manufacturing
 339999 - All Other Miscellaneous Manufacturing
 423110 - Automobile and Other Motor Vehicle Merchant Wholesalers
 423120 - Motor Vehicle Supplies and New Parts Merchant Wholesalers
 423130 - Tire and Tube Merchant Wholesalers
 423140 - Motor Vehicle Parts (Used) Merchant Wholesalers
 423210 - Furniture Merchant Wholesalers
 423220 - Home Furnishing Merchant Wholesalers
 423310 - Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers
 423320 - Brick, Stone, and Related Construction Material Merchant Wholesalers
 423330 - Roofing, Siding, and Insulation Material Merchant Wholesalers
 423390 - Other Construction Material Merchant Wholesalers
 423410 - Photographic Equipment and Supplies Merchant Wholesalers
 423420 - Office Equipment Merchant Wholesalers
 423430 - Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
 423440 - Other Commercial Equipment Merchant Wholesalers
 423450 - Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
 423460 - Ophthalmic Goods Merchant Wholesalers
 423490 - Other Professional Equipment and Supplies Merchant Wholesalers
 423510 - Metal Service Centers and Other Metal Merchant Wholesalers
 423520 - Coal and Other Mineral and Ore Merchant Wholesalers
 423610 - Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
 423620 - Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers
 423690 - Other Electronic Parts and Equipment Merchant Wholesalers
 423710 - Hardware Merchant Wholesalers
 423720 - Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
 423730 - Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers
 423740 - Refrigeration Equipment and Supplies Merchant Wholesalers
 423810 - Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers
 423820 - Farm and Garden Machinery and Equipment Merchant Wholesalers
 423830 - Industrial Machinery and Equipment Merchant Wholesalers
 423840 - Industrial Supplies Merchant Wholesalers
 423850 - Service Establishment Equipment and Supplies Merchant Wholesalers
 423860 - Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
 423910 - Sporting and Recreational Goods and Supplies Merchant Wholesalers
 423920 - Toy and Hobby Goods and Supplies Merchant Wholesalers
 423930 - Recyclable Material Merchant Wholesalers
 423940 - Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers
 423990 - Other Miscellaneous Durable Goods Merchant Wholesalers
 424110 - Printing and Writing Paper Merchant Wholesalers
 424120 - Stationery and Office Supplies Merchant Wholesalers
 424130 - Industrial and Personal Service Paper Merchant Wholesalers
 424210 - Drugs and Druggists' Sundries Merchant Wholesalers

424310 - Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers
424340 - Footwear Merchant Wholesalers
424350 - Clothing and Clothing Accessories Merchant Wholesalers
424410 - General Line Grocery Merchant Wholesalers
424420 - Packaged Frozen Food Merchant Wholesalers
424430 - Dairy Product (except Dried or Canned) Merchant Wholesalers
424440 - Poultry and Poultry Product Merchant Wholesalers
424450 - Confectionery Merchant Wholesalers
424460 - Fish and Seafood Merchant Wholesalers
424470 - Meat and Meat Product Merchant Wholesalers
424480 - Fresh Fruit and Vegetable Merchant Wholesalers
424490 - Other Grocery and Related Products Merchant Wholesalers
424510 - Grain and Field Bean Merchant Wholesalers
424520 - Livestock Merchant Wholesalers
424590 - Other Farm Product Raw Material Merchant Wholesalers
424610 - Plastics Materials and Basic Forms and Shapes Merchant Wholesalers
424690 - Other Chemical and Allied Products Merchant Wholesalers
424710 - Petroleum Bulk Stations and Terminals
424720 - Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
424810 - Beer and Ale Merchant Wholesalers
424820 - Wine and Distilled Alcoholic Beverage Merchant Wholesalers
424910 - Farm Supplies Merchant Wholesalers
424920 - Book, Periodical, and Newspaper Merchant Wholesalers
424930 - Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers
424940 - Tobacco Product and Electronic Cigarette Merchant Wholesalers
424950 - Paint, Varnish, and Supplies Merchant Wholesalers
424990 - Other Miscellaneous Nondurable Goods Merchant Wholesalers
425120 - Wholesale Trade Agents and Brokers
441110 - New Car Dealers
441120 - Used Car Dealers
441210 - Recreational Vehicle Dealers
441222 - Boat Dealers
441227 - Motorcycle, ATV, and All Other Motor Vehicle Dealers
441330 - Automotive Parts and Accessories Retailers
441340 - Tire Dealers
444110 - Home Centers
444120 - Paint and Wallpaper Retailers
444140 - Hardware Retailers
444180 - Other Building Material Dealers
444230 - Outdoor Power Equipment Retailers
444240 - Nursery, Garden Center, and Farm Supply Retailers
445110 - Supermarkets and Other Grocery Retailers (except Convenience Retailers)
445131 - Convenience Retailers
445132 - Vending Machine Operators
445230 - Fruit and Vegetable Retailers
445240 - Meat Retailers
445250 - Fish and Seafood Retailers
445291 - Baked Goods Retailers
445292 - Confectionery and Nut Retailers
445298 - All Other Specialty Food Retailers
445320 - Beer, Wine, and Liquor Retailers
449110 - Furniture Retailers
449121 - Floor Covering Retailers
449122 - Window Treatment Retailers
449129 - All Other Home Furnishings Retailers
449210 - Electronics and Appliance Retailers
455110 - Department Stores
455211 - Warehouse Clubs and Supercenters
455219 - All Other General Merchandise Retailers
456110 - Pharmacies and Drug Retailers
456120 - Cosmetics, Beauty Supplies, and Perfume Retailers
456130 - Optical Goods Retailers
456191 - Food (Health) Supplement Retailers
456199 - All Other Health and Personal Care Retailers
457110 - Gasoline Stations with Convenience Stores
457120 - Other Gasoline Stations
457210 - Fuel Dealers
458110 - Clothing and Clothing Accessories Retailers
458210 - Shoe Retailers
458310 - Jewelry Retailers
458320 - Luggage and Leather Goods Retailers
459110 - Sporting Goods Retailers
459120 - Hobby, Toy, and Game Retailers
459130 - Sewing, Needlework, and Piece Goods Retailers
459140 - Musical Instrument and Supplies Retailers
459210 - Book Retailers and News Dealers
459310 - Florists
459410 - Office Supplies and Stationery Retailers
459420 - Gift, Novelty, and Souvenir Retailers
459510 - Used Merchandise Retailers

459910 - Pet and Pet Supplies Retailers
459920 - Art Dealers
459930 - Manufactured (Mobile) Home Dealers
459991 - Tobacco, Electronic Cigarette, and Other Smoking Supplies Retailers
459999 - All Other Miscellaneous Retailers
481111 - Scheduled Passenger Air Transportation
481112 - Scheduled Freight Air Transportation
481211 - Nonscheduled Chartered Passenger Air Transportation
481212 - Nonscheduled Chartered Freight Air Transportation
481219 - Other Nonscheduled Air Transportation
482111 - Line-Haul Railroads
482112 - Short Line Railroads
483111 - Deep Sea Freight Transportation
483112 - Deep Sea Passenger Transportation
483113 - Coastal and Great Lakes Freight Transportation
483114 - Coastal and Great Lakes Passenger Transportation
483211 - Inland Water Freight Transportation
483212 - Inland Water Passenger Transportation
484110 - General Freight Trucking, Local
484121 - General Freight Trucking, Long-Distance, Truckload
484122 - General Freight Trucking, Long-Distance, Less Than Truckload
484210 - Used Household and Office Goods Moving
484220 - Specialized Freight (except Used Goods) Trucking, Local
484230 - Specialized Freight (except Used Goods) Trucking, Long-Distance
485111 - Mixed Mode Transit Systems
485112 - Commuter Rail Systems
485113 - Bus and Other Motor Vehicle Transit Systems
485119 - Other Urban Transit Systems
485210 - Interurban and Rural Bus Transportation
485310 - Taxi and Ridesharing Services
485320 - Limousine Service
485410 - School and Employee Bus Transportation
485510 - Charter Bus Industry
485991 - Special Needs Transportation
485999 - All Other Transit and Ground Passenger Transportation
486110 - Pipeline Transportation of Crude Oil
486210 - Pipeline Transportation of Natural Gas
486910 - Pipeline Transportation of Refined Petroleum Products
486990 - All Other Pipeline Transportation
487110 - Scenic and Sightseeing Transportation, Land
487210 - Scenic and Sightseeing Transportation, Water
487990 - Scenic and Sightseeing Transportation, Other
488111 - Air Traffic Control
488119 - Other Airport Operations
488190 - Other Support Activities for Air Transportation
488210 - Support Activities for Rail Transportation
488310 - Port and Harbor Operations
488320 - Marine Cargo Handling
488330 - Navigational Services to Shipping
488390 - Other Support Activities for Water Transportation
488410 - Motor Vehicle Towing
488490 - Other Support Activities for Road Transportation
488510 - Freight Transportation Arrangement
488991 - Packing and Crating
488999 - All Other Support Activities for Transportation
491110 - Postal Service
492110 - Couriers and Express Delivery Services
492210 - Local Messengers and Local Delivery
493110 - General Warehousing and Storage
493120 - Refrigerated Warehousing and Storage
493130 - Farm Product Warehousing and Storage
493190 - Other Warehousing and Storage
512110 - Motion Picture and Video Production
512120 - Motion Picture and Video Distribution
512131 - Motion Picture Theaters (except Drive-Ins)
512132 - Drive-In Motion Picture Theaters
512191 - Teleproduction and Other Postproduction Services
512199 - Other Motion Picture and Video Industries
512230 - Music Publishers
512240 - Sound Recording Studios
512250 - Record Production and Distribution
512290 - Other Sound Recording Industries
513110 - Newspaper Publishers
513120 - Periodical Publishers
513130 - Book Publishers
513140 - Directory and Mailing List Publishers
513191 - Greeting Card Publishers
513199 - All Other Publishers
513210 - Software Publishers
516110 - Radio Broadcasting Stations

516120 - Television Broadcasting Stations
516210 - Media Streaming Distribution Services, Social Networks, and Other Media Networks and Content

Providers

517111 - Wired Telecommunications Carriers
517112 - Wireless Telecommunications Carriers (except Satellite)
517121 - Telecommunications Resellers
517122 - Agents for Wireless Telecommunications Services
517410 - Satellite Telecommunications
517810 - All Other Telecommunications
518210 - Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services
519210 - Libraries and Archives
519290 - Web Search Portals and All Other Information Services
521110 - Monetary Authorities-Central Bank
522110 - Commercial Banking
522130 - Credit Unions
522180 - Savings Institutions and Other Depository Credit Intermediation
522210 - Credit Card Issuing
522220 - Sales Financing
522291 - Consumer Lending
522292 - Real Estate Credit
522299 - International, Secondary Market, and All Other Nondepository Credit Intermediation
522310 - Mortgage and Nonmortgage Loan Brokers
522320 - Financial Transactions Processing, Reserve, and Clearinghouse Activities
522390 - Other Activities Related to Credit Intermediation
523150 - Investment Banking and Securities Intermediation
523160 - Commodity Contracts Intermediation
523210 - Securities and Commodity Exchanges
523910 - Miscellaneous Intermediation
523940 - Portfolio Management and Investment Advice
523991 - Trust, Fiduciary, and Custody Activities
523999 - Miscellaneous Financial Investment Activities
524113 - Direct Life Insurance Carriers
524114 - Direct Health and Medical Insurance Carriers
524126 - Direct Property and Casualty Insurance Carriers
524127 - Direct Title Insurance Carriers
524128 - Other Direct Insurance (except Life, Health, and Medical) Carriers
524130 - Reinsurance Carriers
524210 - Insurance Agencies and Brokerages
524291 - Claims Adjusting
524292 - Pharmacy Benefit Management and Other Third Party Administration of Insurance and Pension

Funds

524298 - All Other Insurance Related Activities
525110 - Pension Funds
525120 - Health and Welfare Funds
525190 - Other Insurance Funds
525910 - Open-End Investment Funds
525920 - Trusts, Estates, and Agency Accounts
525990 - Other Financial Vehicles
531110 - Lessors of Residential Buildings and Dwellings
531120 - Lessors of Nonresidential Buildings (except Miniwarehouses)
531130 - Lessors of Miniwarehouses and Self-Storage Units
531190 - Lessors of Other Real Estate Property
531210 - Offices of Real Estate Agents and Brokers
531311 - Residential Property Managers
531312 - Nonresidential Property Managers
531320 - Offices of Real Estate Appraisers
531390 - Other Activities Related to Real Estate
532111 - Passenger Car Rental
532112 - Passenger Car Leasing
532120 - Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing
532210 - Consumer Electronics and Appliances Rental
532281 - Formal Wear and Costume Rental
532282 - Video Tape and Disc Rental
532283 - Home Health Equipment Rental
532284 - Recreational Goods Rental
532289 - All Other Consumer Goods Rental
532310 - General Rental Centers
532411 - Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing
532412 - Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing
532420 - Office Machinery and Equipment Rental and Leasing
532490 - Other Commercial and Industrial Machinery and Equipment Rental and Leasing
533110 - Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)
541110 - Offices of Lawyers
541120 - Offices of Notaries
541191 - Title Abstract and Settlement Offices
541199 - All Other Legal Services
541211 - Offices of Certified Public Accountants
541213 - Tax Preparation Services
541214 - Payroll Services
541219 - Other Accounting Services

541310 - Architectural Services
 541320 - Landscape Architectural Services
 541330 - Engineering Services
 541340 - Drafting Services
 541350 - Building Inspection Services
 541360 - Geophysical Surveying and Mapping Services
 541370 - Surveying and Mapping (except Geophysical) Services
 541380 - Testing Laboratories and Services
 541410 - Interior Design Services
 541420 - Industrial Design Services
 541430 - Graphic Design Services
 541490 - Other Specialized Design Services
 541511 - Custom Computer Programming Services
 541512 - Computer Systems Design Services
 541513 - Computer Facilities Management Services
 541519 - Other Computer Related Services
 541611 - Administrative Management and General Management Consulting Services
 541612 - Human Resources Consulting Services
 541613 - Marketing Consulting Services
 541614 - Process, Physical Distribution, and Logistics Consulting Services
 541618 - Other Management Consulting Services
 541620 - Environmental Consulting Services
 541690 - Other Scientific and Technical Consulting Services
 541713 - Research and Development in Nanotechnology
 541714 - Research and Development in Biotechnology (except Nanobiotechnology)
 541715 - Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
 541720 - Research and Development in the Social Sciences and Humanities
 541810 - Advertising Agencies
 541820 - Public Relations Agencies
 541830 - Media Buying Agencies
 541840 - Media Representatives
 541850 - Indoor and Outdoor Display Advertising
 541860 - Direct Mail Advertising
 541870 - Advertising Material Distribution Services
 541890 - Other Services Related to Advertising
 541910 - Marketing Research and Public Opinion Polling
 541921 - Photography Studios, Portrait
 541922 - Commercial Photography
 541930 - Translation and Interpretation Services
 541940 - Veterinary Services
 541990 - All Other Professional, Scientific, and Technical Services
 551111 - Offices of Bank Holding Companies
 551112 - Offices of Other Holding Companies
 551114 - Corporate, Subsidiary, and Regional Managing Offices
 561110 - Office Administrative Services
 561210 - Facilities Support Services
 561311 - Employment Placement Agencies
 561312 - Executive Search Services
 561320 - Temporary Help Services
 561330 - Professional Employer Organizations
 561410 - Document Preparation Services
 561421 - Telephone Answering Services
 561422 - Telemarketing Bureaus and Other Contact Centers
 561431 - Private Mail Centers
 561439 - Other Business Service Centers (including Copy Shops)
 561440 - Collection Agencies
 561450 - Credit Bureaus
 561491 - Repossession Services
 561492 - Court Reporting and Stenotype Services
 561499 - All Other Business Support Services
 561510 - Travel Agencies
 561520 - Tour Operators
 561591 - Convention and Visitors Bureaus
 561599 - All Other Travel Arrangement and Reservation Services
 561611 - Investigation and Personal Background Check Services
 561612 - Security Guards and Patrol Services
 561613 - Armored Car Services
 561621 - Security Systems Services (except Locksmiths)
 561622 - Locksmiths
 561710 - Exterminating and Pest Control Services
 561720 - Janitorial Services
 561730 - Landscaping Services
 561740 - Carpet and Upholstery Cleaning Services
 561790 - Other Services to Buildings and Dwellings
 561910 - Packaging and Labeling Services
 561920 - Convention and Trade Show Organizers
 561990 - All Other Support Services
 562111 - Solid Waste Collection
 562112 - Hazardous Waste Collection

562119 - Other Waste Collection
 562211 - Hazardous Waste Treatment and Disposal
 562212 - Solid Waste Landfill
 562213 - Solid Waste Combustors and Incinerators
 562219 - Other Nonhazardous Waste Treatment and Disposal
 562910 - Remediation Services
 562920 - Materials Recovery Facilities
 562991 - Septic Tank and Related Services
 562998 - All Other Miscellaneous Waste Management Services
 611110 - Elementary and Secondary Schools
 611210 - Junior Colleges
 611310 - Colleges, Universities, and Professional Schools
 611410 - Business and Secretarial Schools
 611420 - Computer Training
 611430 - Professional and Management Development Training
 611511 - Cosmetology and Barber Schools
 611512 - Flight Training
 611513 - Apprenticeship Training
 611519 - Other Technical and Trade Schools
 611610 - Fine Arts Schools
 611620 - Sports and Recreation Instruction
 611630 - Language Schools
 611691 - Exam Preparation and Tutoring
 611692 - Automobile Driving Schools
 611699 - All Other Miscellaneous Schools and Instruction
 611710 - Educational Support Services
 621111 - Offices of Physicians (except Mental Health Specialists)
 621112 - Offices of Physicians, Mental Health Specialists
 621210 - Offices of Dentists
 621310 - Offices of Chiropractors
 621320 - Offices of Optometrists
 621330 - Offices of Mental Health Practitioners (except Physicians)
 621340 - Offices of Physical, Occupational and Speech Therapists, and Audiologists
 621391 - Offices of Podiatrists
 621399 - Offices of All Other Miscellaneous Health Practitioners
 621410 - Family Planning Centers
 621420 - Outpatient Mental Health and Substance Abuse Centers
 621491 - HMO Medical Centers
 621492 - Kidney Dialysis Centers
 621493 - Freestanding Ambulatory Surgical and Emergency Centers
 621498 - All Other Outpatient Care Centers
 621511 - Medical Laboratories
 621512 - Diagnostic Imaging Centers
 621610 - Home Health Care Services
 621910 - Ambulance Services
 621991 - Blood and Organ Banks
 621999 - All Other Miscellaneous Ambulatory Health Care Services
 622110 - General Medical and Surgical Hospitals
 622210 - Psychiatric and Substance Abuse Hospitals
 622310 - Specialty (except Psychiatric and Substance Abuse) Hospitals
 623110 - Nursing Care Facilities (Skilled Nursing Facilities)
 623210 - Residential Intellectual and Developmental Disability Facilities
 623220 - Residential Mental Health and Substance Abuse Facilities
 623311 - Continuing Care Retirement Communities
 623312 - Assisted Living Facilities for the Elderly
 623990 - Other Residential Care Facilities
 624110 - Child and Youth Services
 624120 - Services for the Elderly and Persons with Disabilities
 624190 - Other Individual and Family Services
 624210 - Community Food Services
 624221 - Temporary Shelters
 624229 - Other Community Housing Services
 624230 - Emergency and Other Relief Services
 624310 - Vocational Rehabilitation Services
 624410 - Child Care Services
 711110 - Theater Companies and Dinner Theaters
 711120 - Dance Companies
 711130 - Musical Groups and Artists
 711190 - Other Performing Arts Companies
 711211 - Sports Teams and Clubs
 711212 - Racetracks
 711219 - Other Spectator Sports
 711310 - Promoters of Performing Arts, Sports, and Similar Events with Facilities
 711320 - Promoters of Performing Arts, Sports, and Similar Events without Facilities
 711410 - Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
 711510 - Independent Artists, Writers, and Performers
 712110 - Museums
 712120 - Historical Sites
 712130 - Zoos and Botanical Gardens
 712190 - Nature Parks and Other Similar Institutions

713110 - Amusement and Theme Parks
 713120 - Amusement Arcades
 713210 - Casinos (except Casino Hotels)
 713290 - Other Gambling Industries
 713910 - Golf Courses and Country Clubs
 713920 - Skiing Facilities
 713930 - Marinas
 713940 - Fitness and Recreational Sports Centers
 713950 - Bowling Centers
 713990 - All Other Amusement and Recreation Industries
 721110 - Hotels (except Casino Hotels) and Motels
 721120 - Casino Hotels
 721191 - Bed-and-Breakfast Inns
 721199 - All Other Traveler Accommodation
 721211 - RV (Recreational Vehicle) Parks and Campgrounds
 721214 - Recreational and Vacation Camps (except Campgrounds)
 721310 - Rooming and Boarding Houses, Dormitories, and Workers' Camps
 722310 - Food Service Contractors
 722320 - Caterers
 722330 - Mobile Food Services
 722410 - Drinking Places (Alcoholic Beverages)
 722511 - Full-Service Restaurants
 722513 - Limited-Service Restaurants
 722514 - Cafeterias, Grill Buffets, and Buffets
 722515 - Snack and Nonalcoholic Beverage Bars
 811111 - General Automotive Repair
 811114 - Specialized Automotive Repair
 811121 - Automotive Body, Paint, and Interior Repair and Maintenance
 811122 - Automotive Glass Replacement Shops
 811191 - Automotive Oil Change and Lubrication Shops
 811192 - Car Washes
 811198 - All Other Automotive Repair and Maintenance
 811210 - Electronic and Precision Equipment Repair and Maintenance
 811310 - Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance
 811411 - Home and Garden Equipment Repair and Maintenance
 811412 - Appliance Repair and Maintenance
 811420 - Reupholstery and Furniture Repair
 811430 - Footwear and Leather Goods Repair
 811490 - Other Personal and Household Goods Repair and Maintenance
 812111 - Barber Shops
 812112 - Beauty Salons
 812113 - Nail Salons
 812191 - Diet and Weight Reducing Centers
 812199 - Other Personal Care Services
 812210 - Funeral Homes and Funeral Services
 812220 - Cemeteries and Crematories
 812310 - Coin-Operated Laundries and Drycleaners
 812320 - Drycleaning and Laundry Services (except Coin-Operated)
 812331 - Linen Supply
 812332 - Industrial Launderers
 812910 - Pet Care (except Veterinary) Services
 812921 - Photofinishing Laboratories (except One-Hour)
 812922 - One-Hour Photofinishing
 812930 - Parking Lots and Garages
 812990 - All Other Personal Services
 813110 - Religious Organizations
 813211 - Grantmaking Foundations
 813212 - Voluntary Health Organizations
 813219 - Other Grantmaking and Giving Services
 813311 - Human Rights Organizations
 813312 - Environment, Conservation and Wildlife Organizations
 813319 - Other Social Advocacy Organizations
 813410 - Civic and Social Organizations
 813910 - Business Associations
 813920 - Professional Organizations
 813930 - Labor Unions and Similar Labor Organizations
 813940 - Political Organizations
 813990 - Other Similar Organizations (except Business, Professional, Labor, and Political Organizations)
 814110 - Private Households
 921110 - Executive Offices
 921120 - Legislative Bodies
 921130 - Public Finance Activities
 921140 - Executive and Legislative Offices, Combined
 921150 - American Indian and Alaska Native Tribal Governments
 921190 - Other General Government Support
 922110 - Courts
 922120 - Police Protection
 922130 - Legal Counsel and Prosecution
 922140 - Correctional Institutions

922150 - Parole Offices and Probation Offices
 922160 - Fire Protection
 922190 - Other Justice, Public Order, and Safety Activities
 923110 - Administration of Education Programs
 923120 - Administration of Public Health Programs
 923130 - Administration of Human Resource Programs (except Education, Public Health, and Veterans' Affairs Programs)
 923140 - Administration of Veterans' Affairs
 924110 - Administration of Air and Water Resource and Solid Waste Management Programs
 924120 - Administration of Conservation Programs
 925110 - Administration of Housing Programs
 925120 - Administration of Urban Planning and Community and Rural Development
 926110 - Administration of General Economic Programs
 926120 - Regulation and Administration of Transportation Programs
 926130 - Regulation and Administration of Communications, Electric, Gas, and Other Utilities
 926140 - Regulation of Agricultural Marketing and Commodities
 926150 - Regulation, Licensing, and Inspection of Miscellaneous Commercial Sectors
 927110 - Space Research and Technology
 928110 - National Security
 928120 - International Affairs

Schema Component Representation

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Simple Type: NFAFirmIDType

Super-types: [xs:string](#) < NFAFirmIDType (by restriction)

Sub-types: None

Name	NFAFirmIDType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>pattern</i> = [0-9]{7,7}• <i>length</i> = 7

Schema Component Representation

```
<xsd:simpleType name="NFAFirmIDType">  
  <xsd:restriction base="xs:string">  
    <xsd:length value="7"/>  
    <xsd:pattern value="[0-9]{7,7}"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: NFAFundIDType

Super-types: [xs:string](#) < NFAFundIDType (by restriction)

Sub-types: None

Name	NFAFundIDType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>pattern</i> = [a-zA-Z0-9]{7,7}• <i>length</i> = 7

Schema Component Representation

```
<xsd:simpleType name="NFAFundIDType">  
  <xsd:restriction base="xs:string">  
    <xsd:length value="7"/>  
    <xsd:pattern value="[a-zA-Z0-9]{7,7}"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: NonVaRRiskMetricCodeType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **NonVaRRiskMetricCodeType** (by restriction)

Sub-types: None

Name	NonVaRRiskMetricCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'NONE' 'OTH' 'CASH_RISK' 'CS01' 'DEF_BETA' 'DV01' 'EARN_RISK' 'XPCTD_SHRTFALL' 'INFLATION' 'INFO_RATIO' 'KURTOSIS' 'LQDTY_AJSTD' 'MARGINAL' 'MAX' 'NET_EQTY' 'OMEGA_RATIO' 'PROFIT' 'RESIDUE' 'RISK_LEVERAGE' 'SCENARIO' 'SEMI_DVTN' 'SHARPE' 'SKEWNESS' 'SORTINO' 'STD' 'STRESS'}
Documentation	Non-VaR Risk Metric type codes for liquidity funds. Allowed values (code-description) are: NONE - None OTH - Other CASH_RISK - Cashflow-at-risk CS01 - CS01 DEF_BETA - Default spread beta DV01 - DV01 EARN_RISK - Earnings-at-risk XPCTD_SHRTFALL - Expected shortfall INFLATION - Inflation beta INFO_RATIO - Information Ratio KURTOSIS - Kurtosis LQDTY_AJSTD - Liquidity Adjusted Value at Risk MARGINAL - Marginal expected shortfall MAX - Maximum Drawdown (period specific, over a quarter, or over a year) NET_EQTY - Net equity delta OMEGA_RATIO - Omega Ratio PROFIT - Profit-at-risk RESIDUE - Residual risk RISK_LEVERAGE - Risk based leverage SCENARIO - Scenario Analysis SEMI_DVTN - Semideviation SHARPE - Sharpe Ratio SKEWNESS - Skewness SORTINO - Sortino Ratio STD - Standard deviation STRESS - Stress Var/Stress test

Schema Component Representation

```
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    <xsd:enumeration value="DV01"/>
    <xsd:enumeration value="EARN_RISK"/>
    <xsd:enumeration value="XPCTD_SHRTFALL"/>
    <xsd:enumeration value="INFLATION"/>
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    <xsd:enumeration value="STD"/>
    <xsd:enumeration value="STRESS"/>
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</xsd:simpleType>
```


Simple Type: PercentType

Super-types: [xs:unsignedByte](#) < **PercentType** (by restriction)

Sub-types: None

Name	PercentType
Content	<ul style="list-style-type: none">• Base XSD Type: unsignedByte• <i>value</i> <= 100• <i>total no. of digits</i> = 3

Schema Component Representation

```
<xsd:simpleType name="PercentType">  
  <xsd:restriction base="xs:unsignedByte">  
    <xsd:totalDigits value="3"/>  
    <xsd:maxInclusive value="100"/>  
  </xsd:restriction>  
</xsd:simpleType>
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Simple Type: PercentType2

Super-types: [xsd:decimal](#) < **PercentType2** (by restriction)

Sub-types: None

Name	PercentType2
Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $0 \leq \text{value} \leq 100$• <i>total no. of digits</i> = 8• <i>no. of fraction digits</i> = 4

Schema Component Representation

```
<xsd:simpleType name="PercentType2">
  <xsd:restriction base="xsd:decimal">
    <xsd:totalDigits value="8"/>
    <xsd:maxInclusive value="100"/>
    <xsd:fractionDigits value="4"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveDecimalRestricted10p2Type**

Super-types: [xs:decimal](#) < **PositiveDecimalRestricted10p2Type** (by restriction)

Sub-types: None

Name	PositiveDecimalRestricted10p2Type
------	-----------------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $0 < value < 10000000000$• <i>total no. of digits</i> = 12• <i>no. of fraction digits</i> = 2
---------	---

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted10p2Type">  
  <xsd:restriction base="xs:decimal">  
    <xsd:totalDigits value="12"/>  
    <xsd:fractionDigits value="2"/>  
    <xsd:maxExclusive value="10000000000"/>  
    <xsd:minExclusive value="0"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **PositiveDecimalRestricted12p2RequiredDecimalType**

Super-types: [xs:decimal](#) < **PositiveDecimalRestricted12p2RequiredDecimalType** (by restriction)

Sub-types: None

Name	PositiveDecimalRestricted12p2RequiredDecimalType
------	--

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• <i>pattern</i> = <code>\d{1,12}(\.\d{2,2})</code>• <i>value</i> > 0
---------	--

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted12p2RequiredDecimalType" >
  <xsd:restriction base="xs:decimal" >
    <xsd:minExclusive value="0" />
    <xsd:pattern value="\d{1,12}(\.\d{2,2})" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveDecimalRestricted15p1Type**

Super-types: [xs:decimal](#) < **PositiveDecimalRestricted15p1Type** (by restriction)

Sub-types: None

Name	PositiveDecimalRestricted15p1Type
------	-----------------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $0 \leq \text{value} < 10000000000000000$• total no. of digits = 16• no. of fraction digits = 1
---------	--

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted15p1Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="16"/>
    <xsd:fractionDigits value="1"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveDecimalRestricted15p2Type**

Super-types: [xs:decimal](#) < **PositiveDecimalRestricted15p2Type** (by restriction)

Sub-types: None

Name	PositiveDecimalRestricted15p2Type
------	-----------------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $0 \leq \text{value} < 10000000000000000$• <i>total no. of digits</i> = 17• <i>no. of fraction digits</i> = 2
---------	--

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted15p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="17"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: PositiveDecimalRestricted15p4Type

Super-types: [xs:decimal](#) < PositiveDecimalRestricted15p4Type (by restriction)

Sub-types: None

Name	PositiveDecimalRestricted15p4Type
------	-----------------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $0 < value < 10000000000000000$• <i>no. of fraction digits</i> = 4
---------	---

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted15p4Type">  
  <xsd:restriction base="xs:decimal">  
    <xsd:fractionDigits value="4"/>  
    <xsd:maxExclusive value="10000000000000000"/>  
    <xsd:minExclusive value="0"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **PositiveIntRestricted4Type**

Super-types: [xs:unsignedInt](#) < **PositiveIntRestricted4Type** (by restriction)

Sub-types: None

Name	PositiveIntRestricted4Type
------	----------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: unsignedInt• <i>value</i> > 0• <i>total no. of digits</i> = 4
---------	---

Schema Component Representation

```
<xsd:simpleType name="PositiveIntRestricted4Type">  
  <xsd:restriction base="xs:unsignedInt">  
    <xsd:totalDigits value="4"/>  
    <xsd:minExclusive value="0"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **PositiveIntRestricted8Type**

Super-types: [xs:unsignedInt](#) < **PositiveIntRestricted8Type** (by restriction)

Sub-types: None

Name	PositiveIntRestricted8Type
------	----------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: unsignedInt• <i>value</i> > 0• <i>total no. of digits</i> = 8
---------	---

Schema Component Representation

```
<xsd:simpleType name="PositiveIntRestricted8Type">  
  <xsd:restriction base="xs:unsignedInt">  
    <xsd:totalDigits value="8"/>  
    <xsd:minExclusive value="0"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: PositiveLongRestricted10Type

Super-types: [xsd:unsignedLong](#) < **PositiveLongRestricted10Type** (by restriction)

Sub-types: None

Name	PositiveLongRestricted10Type
Content	<ul style="list-style-type: none">• Base XSD Type: unsignedLong• <i>value</i> > 0• <i>total no. of digits</i> = 10

Schema Component Representation

```
<xsd:simpleType name="PositiveLongRestricted10Type">  
  <xsd:restriction base="xsd:unsignedLong">  
    <xsd:totalDigits value="10"/>  
    <xsd:minExclusive value="0"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: PositiveLongRestricted15Type

Super-types: [xsd:unsignedLong](#) < **PositiveLongRestricted15Type** (by restriction)

Sub-types: None

Name	PositiveLongRestricted15Type
Content	<ul style="list-style-type: none">• Base XSD Type: unsignedLong• <i>value</i> > 0• <i>total no. of digits</i> = 15

Schema Component Representation

```
<xsd:simpleType name="PositiveLongRestricted15Type">  
  <xsd:restriction base="xsd:unsignedLong">  
    <xsd:totalDigits value="15"/>  
    <xsd:minExclusive value="0"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **RelatedPersonTypeType**

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **RelatedPersonTypeType** (by restriction)

Sub-types: None

Name	RelatedPersonTypeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'RGSTD_ERA' 'CPO_CTA' 'RELY_SPV'}
Documentation	Elements of this type represent the related person type Allowed values are: RGSTD_ERA - SEC Registered Adviser or ERA active firm CPO_CTA - Commodity Pool Operator or Commodity Trading advisor RELY_SPV - Relying Adviser or Special Purpose Vehicle

Schema Component Representation

```
<xsd:simpleType name="RelatedPersonTypeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="RGSTD_ERA"/>  
    <xsd:enumeration value="CPO_CTA"/>  
    <xsd:enumeration value="RELY_SPV"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: RepoCategoryType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **RepoCategoryType** (by restriction)

Sub-types: None

Name	RepoCategoryType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'ABS' 'AGNCY_CMO' 'AGNCY_DBNTR_STRP' 'AGNCY_MBS' 'PRVT_LABEL_CMO' 'CRPRT_DEBT_SCRTS' 'EQTY' 'MONEY_MRKT' 'US_TRSRY' 'OTHER' 'NA'}
Documentation	Elements of this type represent Repo Category Type (Section 3 - Item E - Q63(g) (ix) Repo Category) Allowed values (code-description) are: ABS - Asset-Backed Securities AGNCY_CMO - Agency Collateralized Mortgage Obligations AGNCY_DBNTR_STRP - Agency Debentures and Agency Strips AGNCY_MBS - Agency Mortgage-Backed Securities PRVT_LABEL_CMO - Private Label Collateralized Mortgage Obligations CRPRT_DEBT_SCRTS - Corporate Debt Securities EQTY - Equities MONEY_MRKT - Money Market US_TRSRY - U.S. Treasuries (including strips) OTHER - Other Instrument NA - N/A

Schema Component Representation

```
<xsd:simpleType name="RepoCategoryType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="ABS" />  
    <xsd:enumeration value="AGNCY_CMO" />  
    <xsd:enumeration value="AGNCY_DBNTR_STRP" />  
    <xsd:enumeration value="AGNCY_MBS" />  
    <xsd:enumeration value="PRVT_LABEL_CMO" />  
    <xsd:enumeration value="CRPRT_DEBT_SCRTS" />  
    <xsd:enumeration value="EQTY" />  
    <xsd:enumeration value="MONEY_MRKT" />  
    <xsd:enumeration value="US_TRSRY" />  
    <xsd:enumeration value="OTHER" />  
    <xsd:enumeration value="NA" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **SECNumberTypeType**

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **SECNumberTypeType** (by restriction)

Sub-types: None

Name	SECNumberTypeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'8' '801' '802' '866'}

Schema Component Representation

```
<xsd:simpleType name="SECNumberTypeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="8" />  
    <xsd:enumeration value="801" />  
    <xsd:enumeration value="802" />  
    <xsd:enumeration value="866" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StateCodeType**

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **StateCodeType** (by restriction)

Sub-types: None

Name	StateCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'AK' 'AL' 'AR' 'AZ' 'CA' 'CO' 'CT' 'DC' 'DE' 'FL' 'GA' 'HI' 'IA' 'ID' 'IL' 'IN' 'KS' 'KY' 'LA' 'MA' 'MD' 'ME' 'MI' 'MN' 'MO' 'MS' 'MT' 'NC' 'ND' 'NE' 'NH' 'NJ' 'NM' 'NV' 'NY' 'OH' 'OK' 'OR' 'PA' 'PR' 'RI' 'SC' 'SD' 'TN' 'TX' 'UT' 'VA' 'VT' 'WA' 'WI' 'WV' 'WY' 'VI'}• <i>length</i> <= 2
Documentation	<p>Elements of this type represent the allowed State Codes.</p> <p>Allowed values (code-Name) are:</p> <ul style="list-style-type: none">AK-AlaskaAL-AlabamaAR-ArkansasAZ-ArizonaCA-CaliforniaCO-ColoradoCT-ConnecticutDC-District of ColumbiaDE-DelawareFL-FloridaGA-GeorgiaHI-HawaiiIA-IowaID-IdahoIL-IllinoisIN-IndianaKS-KansasKY-KentuckyLA-LouisianaMA-MassachusettsMD-MarylandME-MaineMI-MichiganMN-MinnesotaMO-MissouriMS-MississippiMT-MontanaNC-North CarolinaND-North DakotaNE-NebraskaNH-New HampshireNJ-New JerseyNM-New MexicoNV-NevadaNY-New YorkOH-OhioOK-OklahomaOR-OregonPA-PennsylvaniaPR-Puerto RicoRI-Rhode IslandSC-South CarolinaSD-South DakotaTN-TennesseeTX-TexasUT-UtahVA-VirginiaVT-VermontWA-WashingtonWI-WisconsinWV-West VirginiaWY-WyomingVI-Virgin Islands

Schema Component Representation

```
<xsd:simpleType name="StateCodeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:maxLength value="2"/>
    <xsd:enumeration value="AK"/>
    <xsd:enumeration value="AL"/>
    <xsd:enumeration value="AR"/>
    <xsd:enumeration value="AZ"/>
    <xsd:enumeration value="CA"/>
    <xsd:enumeration value="CO"/>
    <xsd:enumeration value="CT"/>
    <xsd:enumeration value="DC"/>
    <xsd:enumeration value="DE"/>
    <xsd:enumeration value="FL"/>
    <xsd:enumeration value="GA"/>
    <xsd:enumeration value="HI"/>
    <xsd:enumeration value="IA"/>
    <xsd:enumeration value="ID"/>
    <xsd:enumeration value="IL"/>
    <xsd:enumeration value="IN"/>
    <xsd:enumeration value="KS"/>
    <xsd:enumeration value="KY"/>
    <xsd:enumeration value="LA"/>
    <xsd:enumeration value="MA"/>
    <xsd:enumeration value="MD"/>
    <xsd:enumeration value="ME"/>
    <xsd:enumeration value="MI"/>
    <xsd:enumeration value="MN"/>
    <xsd:enumeration value="MO"/>
    <xsd:enumeration value="MS"/>
    <xsd:enumeration value="MT"/>
    <xsd:enumeration value="NC"/>
    <xsd:enumeration value="ND"/>
    <xsd:enumeration value="NE"/>
    <xsd:enumeration value="NH"/>
    <xsd:enumeration value="NJ"/>
    <xsd:enumeration value="NM"/>
    <xsd:enumeration value="NV"/>
    <xsd:enumeration value="NY"/>
    <xsd:enumeration value="OH"/>
    <xsd:enumeration value="OK"/>
    <xsd:enumeration value="OR"/>
    <xsd:enumeration value="PA"/>
    <xsd:enumeration value="PR"/>
    <xsd:enumeration value="RI"/>
    <xsd:enumeration value="SC"/>
    <xsd:enumeration value="SD"/>
    <xsd:enumeration value="TN"/>
    <xsd:enumeration value="TX"/>
    <xsd:enumeration value="UT"/>
    <xsd:enumeration value="VA"/>
    <xsd:enumeration value="VT"/>
    <xsd:enumeration value="WA"/>
    <xsd:enumeration value="WI"/>
    <xsd:enumeration value="WV"/>
    <xsd:enumeration value="WY"/>
    <xsd:enumeration value="VI"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: StrategyNameType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **StrategyNameType** (by restriction)

Sub-types: None

Name	StrategyNameType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'1' '2' '3' '4' '5' '6' '7' '8' '9' '10' '11' '12' '13' '14' '15' '16' '17' '18' '19' '20' '21' '22'}
Documentation	<p>Elements of this type represent investment strategies Allowed values (code-description) are:</p> <ol style="list-style-type: none">1 - Equity, Market Neutral2 - Equity, Long/Short3 - Equity, Short Bias4 - Equity, Long Bias5 - Macro, Active Trading6 - Macro, Commodity7 - Macro, Currency8 - Macro, Global Macro9 - Relative Value, Fixed Income Asset Backed10 - Relative Value, Fixed Income Convertible Arbitrage11 - Relative Value, Fixed Income Corporate12 - Relative Value, Fixed Income Sovereign13 - Relative Value, Volatility Arbitrage14 - Event Driven, Distressed/Restructuring15 - Event Driven, Risk Arbitrage/Merger Arbitrage16 - Event Driven, Equity Special Situations17 - Credit, Long/Short18 - Credit, Asset Based Lending19 - Managed Futures/CTA, Fundamental20 - Managed Futures/CTA, Quantitative21 - Investment in other funds22 - Other

Schema Component Representation

```
<xsd:simpleType name="StrategyNameType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="1"/>  
    <xsd:enumeration value="2"/>  
    <xsd:enumeration value="3"/>  
    <xsd:enumeration value="4"/>  
    <xsd:enumeration value="5"/>  
    <xsd:enumeration value="6"/>  
    <xsd:enumeration value="7"/>  
    <xsd:enumeration value="8"/>  
    <xsd:enumeration value="9"/>  
    <xsd:enumeration value="10"/>  
    <xsd:enumeration value="11"/>  
    <xsd:enumeration value="12"/>  
    <xsd:enumeration value="13"/>  
    <xsd:enumeration value="14"/>  
    <xsd:enumeration value="15"/>  
    <xsd:enumeration value="16"/>  
    <xsd:enumeration value="17"/>  
    <xsd:enumeration value="18"/>  
    <xsd:enumeration value="19"/>  
    <xsd:enumeration value="20"/>  
    <xsd:enumeration value="21"/>  
    <xsd:enumeration value="22"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: `stringPreserveWhiteSpaces`

Super-types: [xs:string](#) < `stringPreserveWhiteSpaces` (by restriction)

Sub-types:

- [RelatedPersonTypeType](#) (by restriction)
- [TradingStrategyType](#) (by restriction)
- [StrategyNameType](#) (by restriction)
- [HighFreqTradingStrategyType](#) (by restriction)
- [MajorFinInstType](#) (by restriction)
- [CurrencyCodeType](#) (by restriction)
- [HedgeAssetClassCDType](#) (by restriction)
- [HedgeFundMarketFactorRelevanceType](#) (by restriction)
- [HedgeFundEquityMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundCreditSpreadsMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundCurrencyRatesMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundCommodityPricesMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundDefaultRatesABSMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundDefaultRatesCDSMarketFactorChangeCodeType](#) (by restriction)
- [CreditorNameType](#) (by restriction)
- [InvestmentCategoryType](#) (by restriction)
- [RepoCategoryType](#) (by restriction)
- [CreditorCounterpartyType](#) (by restriction)
- [NAICSCodeType](#) (by restriction)
- [LiquidityFinancingMaturityTypeCodeType](#) (by restriction)
- [BooleanYNTType](#) (by restriction)
- [SECNumberTypeType](#) (by restriction)
- [AlternateTextType](#) (by restriction)
- [FundTypeType](#) (by restriction)
- [AssetFundsFundTypeType](#) (by restriction)
- [InvestmentGradeMeasureCodeType](#) (by restriction)
- [FundActionCodeType](#) (by restriction)
- [NonVaRRiskMetricCodeType](#) (by restriction)
- [WeightedMethodCodeType](#) (by restriction)
- [CalculationMethodCodeType](#) (by restriction)
- [AdditionalAssetsInSidePocketCodeType](#) (by restriction)
- [CountryCodeType](#) (by restriction)
- [StateCodeType](#) (by restriction)

Name	<code>stringPreserveWhiteSpaces</code>
Content	<ul style="list-style-type: none">• Base XSD Type: <code>string</code>• <i>Whitespace policy:</i> preserve

Schema Component Representation

```
<xsd:simpleType name="stringPreserveWhiteSpaces">
  <xsd:restriction base="xs:string">
    <xsd:whiteSpace value="preserve"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **StringRestricted10000Type**

Super-types: [xs:string](#) < **StringRestricted10000Type** (by restriction)

Sub-types: None

Name	StringRestricted10000Type
------	---------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 10000
---------	---

Schema Component Representation

```
<xsd:simpleType name="StringRestricted10000Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="10000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted11Type**

Super-types: [xs:string](#) < **StringRestricted11Type** (by restriction)

Sub-types: None

Name	StringRestricted11Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 11

Schema Component Representation

```
<xsd:simpleType name="StringRestricted11Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="11"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted128Type**

Super-types: [xs:string](#) < **StringRestricted128Type** (by restriction)

Sub-types: None

Name	StringRestricted128Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 128

Schema Component Representation

```
<xsd:simpleType name="StringRestricted128Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="128"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted12Type**

Super-types: [xs:string](#) < **StringRestricted12Type** (by restriction)

Sub-types: None

Name	StringRestricted12Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 12

Schema Component Representation

```
<xsd:simpleType name="StringRestricted12Type" >  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="12"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted150Type**

Super-types: [xs:string](#) < **StringRestricted150Type** (by restriction)

Sub-types: None

Name	StringRestricted150Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 150

Schema Component Representation

```
<xsd:simpleType name="StringRestricted150Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="150"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted15Type**

Super-types: [xs:string](#) < **StringRestricted15Type** (by restriction)

Sub-types: None

Name	StringRestricted15Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 15

Schema Component Representation

```
<xsd:simpleType name="StringRestricted15Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="15"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: StringRestricted20Type

Super-types: [xs:string](#) < StringRestricted20Type (by restriction)

Sub-types: None

Name	StringRestricted20Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 20

Schema Component Representation

```
<xsd:simpleType name="StringRestricted20Type" >  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="20"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted255Type**

Super-types: [xs:string](#) < **StringRestricted255Type** (by restriction)

Sub-types: None

Name	StringRestricted255Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 255

Schema Component Representation

```
<xsd:simpleType name="StringRestricted255Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="255"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: StringRestricted256Type

Super-types: [xs:string](#) < StringRestricted256Type (by restriction)

Sub-types: None

Name	StringRestricted256Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 256

Schema Component Representation

```
<xsd:simpleType name="StringRestricted256Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="256" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted25Type**

Super-types: [xs:string](#) < **StringRestricted25Type** (by restriction)

Sub-types: None

Name	StringRestricted25Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 25

Schema Component Representation

```
<xsd:simpleType name="StringRestricted25Type" >  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="25"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted27Type**

Super-types: [xs:string](#) < **StringRestricted27Type** (by restriction)

Sub-types: None

Name	StringRestricted27Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 27

Schema Component Representation

```
<xsd:simpleType name="StringRestricted27Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="27"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: StringRestricted3Type

Super-types: [xs:string](#) < StringRestricted3Type (by restriction)

Sub-types: None

Name	StringRestricted3Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 3

Schema Component Representation

```
<xsd:simpleType name="StringRestricted3Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="3"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: StringRestricted50Type

Super-types: [xs:string](#) < StringRestricted50Type (by restriction)

Sub-types: None

Name	StringRestricted50Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 50

Schema Component Representation

```
<xsd:simpleType name="StringRestricted50Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="50"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: StringRestricted9Type

Super-types: [xs:string](#) < StringRestricted9Type (by restriction)

Sub-types: None

Name	StringRestricted9Type
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>length</i> <= 9

Schema Component Representation

```
<xsd:simpleType name="StringRestricted9Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="9"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: TradeIDSuffixType

Super-types: [xs:string](#) < [TradeIDType](#) (by restriction) < **TradeIDSuffixType** (by restriction)

Sub-types: None

Name	TradeIDSuffixType
------	-------------------

Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>pattern</i> = [0-9]+(-[0-9]+) (NA)• <i>length</i> <= 15• <i>length</i> <= 5
---------	--

Schema Component Representation

```
<xsd:simpleType name="TradeIDSuffixType">  
  <xsd:restriction base="TradeIDType">  
    <xsd:maxLength value="5"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: TradeIDType

Super-types: [xs:string](#) < TradeIDType (by restriction)

Sub-types:

- [TradeIDSuffixType](#) (by restriction)

Name	TradeIDType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>pattern</i> = [0-9]+(-[0-9]+) (NA)• <i>length</i> <= 15

Schema Component Representation

```
<xsd:simpleType name="TradeIDType">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="15"/>  
    <xsd:pattern value="[0-9]+(-[0-9]+)|(NA)"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: TradingStrategyType

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **TradingStrategyType** (by restriction)

Sub-types: None

Name	TradingStrategyType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'S' 'M'}
Documentation	Elements of this type represent Trading Strategy Type Allowed values (code-description) are: S - Single M - Multiple

Schema Component Representation

```
<xsd:simpleType name="TradingStrategyType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="S" />  
    <xsd:enumeration value="M" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: UnsignedDecimalRestricted15p2Type

Super-types: [xs:decimal](#) < UnsignedDecimalRestricted15p2Type (by restriction)

Sub-types: None

Name	UnsignedDecimalRestricted15p2Type
------	-----------------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $0 \leq \text{value} < 10000000000000000$• total no. of digits = 17• no. of fraction digits = 2
---------	--

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted15p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="17"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: UnsignedDecimalRestricted15p4Type

Super-types: [xs:decimal](#) < UnsignedDecimalRestricted15p4Type (by restriction)

Sub-types: None

Name	UnsignedDecimalRestricted15p4Type
Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $0 \leq \text{value} < 10000000000000000$• total no. of digits = 19• no. of fraction digits = 4

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted15p4Type">  
  <xsd:restriction base="xs:decimal">  
    <xsd:totalDigits value="19"/>  
    <xsd:fractionDigits value="4"/>  
    <xsd:maxExclusive value="10000000000000000"/>  
    <xsd:minInclusive value="0"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **UnsignedDecimalRestricted3p4Type**

Super-types: [xs:decimal](#) < **UnsignedDecimalRestricted3p4Type** (by restriction)

Sub-types: None

Name	UnsignedDecimalRestricted3p4Type
-------------	----------------------------------

Content	<ul style="list-style-type: none">• Base XSD Type: decimal• $0 \leq \text{value} \leq 100$• <i>total no. of digits</i> = 7• <i>no. of fraction digits</i> = 4
----------------	---

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted3p4Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="7"/>
    <xsd:fractionDigits value="4"/>
    <xsd:maxInclusive value="100"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **UnsignedDecimalRestricted7p2RequiredDecimalType**

Super-types: [xs:decimal](#) < **UnsignedDecimalRestricted7p2RequiredDecimalType** (by restriction)

Sub-types: None

Name	UnsignedDecimalRestricted7p2RequiredDecimalType
Content	<ul style="list-style-type: none">• Base XSD Type: decimal• <i>pattern</i> = \d{1,7}(\.\d{2,2})

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted7p2RequiredDecimalType" >  
  <xsd:restriction base="xs:decimal" >  
    <xsd:pattern value="\d{1,7}(\.\d{2,2})" />  
  </xsd:restriction >  
</xsd:simpleType >
```

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Simple Type: UnsignedLongRestricted10Type

Super-types: [xsd:unsignedLong](#) < **UnsignedLongRestricted10Type** (by restriction)

Sub-types: None

Name	UnsignedLongRestricted10Type
Content	<ul style="list-style-type: none">• Base XSD Type: unsignedLong• <i>total no. of digits</i> = 10

Schema Component Representation

```
<xsd:simpleType name="UnsignedLongRestricted10Type">  
  <xsd:restriction base="xsd:unsignedLong">  
    <xsd:totalDigits value="10"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: UnsignedLongRestricted15Type

Super-types: [xsd:unsignedLong](#) < **UnsignedLongRestricted15Type** (by restriction)

Sub-types: None

Name	UnsignedLongRestricted15Type
Content	<ul style="list-style-type: none">• Base XSD Type: unsignedLong• <i>total no. of digits</i> = 15

Schema Component Representation

```
<xsd:simpleType name="UnsignedLongRestricted15Type">  
  <xsd:restriction base="xsd:unsignedLong">  
    <xsd:totalDigits value="15" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: UnsignedLongRestricted4Type

Super-types: [xsd:unsignedLong](#) < **UnsignedLongRestricted4Type** (by restriction)

Sub-types: None

Name	UnsignedLongRestricted4Type
Content	<ul style="list-style-type: none">• Base XSD Type: unsignedLong• <i>total no. of digits</i> = 4

Schema Component Representation

```
<xsd:simpleType name="UnsignedLongRestricted4Type" >  
  <xsd:restriction base="xsd:unsignedLong" >  
    <xsd:totalDigits value="4" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **WeightedMethodCodeType**

Super-types: [xs:string](#) < [stringPreserveWhiteSpaces](#) (by restriction) < **WeightedMethodCodeType** (by restriction)

Sub-types: None

Name	WeightedMethodCodeType
Content	<ul style="list-style-type: none">• Base XSD Type: string• <i>Whitespace policy</i>: preserve• <i>value</i> comes from list: {'NONE' 'EXP' 'OTH'}
Documentation	Weighted method type codes. Allowed values (code-description) are: NONE - None EXP - Exponential OTH - Other

Schema Component Representation

```
<xsd:simpleType name="WeightedMethodCodeType" >  
  <xsd:restriction base="stringPreserveWhiteSpaces" >  
    <xsd:enumeration value="NONE" />  
    <xsd:enumeration value="EXP" />  
    <xsd:enumeration value="OTH" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Filing Result Schema Reference

Schema Properties

Documentation

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Version: Release 2020.03 (last updated on 01/25/2016)

Change History

01/25/2016

- Updated code so that the Location attribute that is returned for Question 63 Completeness Checks will be specific to the sub-section. Note that this is not a schema change, but an improvement for Q63 to narrow down the error location, as there are several sub-sections.

Global Declarations

Element: PFXMLFilingResult

Name	PFXMLFilingResult
Type	Locally-defined complex type
Niltable	no
Abstract	no

XML Instance Representation

```
<PFXMLFilingResult>
  <!-- Unique Upload ID assigned for this upload. This would be present for any valid/authorized upload ID. -->
  <UploadID> xsd:unsignedInt </UploadID> [0..1]
  <!-- Unique Filing ID if the upload resulted in a successful filing creation. -->
  <FilingID> xsd:unsignedInt </FilingID> [0..1]
  <OperationStatus> xs:NMTOKEN (value comes from list:
  {'PROCPENDING'|'PROCFAIL'|'SUCCESS'|'SCHEMAVAL'|'SCHEMAVALFAIL'}) </OperationStatus> [0..1]
  <!-- Reference ID provided by the user to track this upload. Manual uploads would have the file name. -->
  <UserReferenceID> xsd:string </UserReferenceID> [0..1]
  <!-- Collection of error messages (if any) for this upload. -->
  <ErrorMessages> [0..1]
    <ErrorMessage> ErrorMessageType </ErrorMessage> [1..*]
  </ErrorMessages>
</PFXMLFilingResult>
```

Schema Component Representation

```
<xsd:element name="PFXMLFilingResult">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="UploadID" type="xsd:unsignedInt" minOccurs="0"/>
      <xsd:element name="FilingID" type="xsd:unsignedInt" minOccurs="0"/>
      <xsd:element name="OperationStatus" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xs:NMTOKEN">
            <xsd:enumeration value="PROCPENDING"/>
            <xsd:enumeration value="PROCFAIL"/>
            <xsd:enumeration value="SUCCESS"/>
            <xsd:enumeration value="SCHEMAVAL"/>
            <xsd:enumeration value="SCHEMAVALFAIL"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="UserReferenceID" type="xsd:string" minOccurs="0"/>
      <xsd:element name="ErrorMessages" minOccurs="0">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="ErrorMessage" type="ErrorMessageType" maxOccurs="unbounded"/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

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Global Definitions

Complex Type: **ErrorMessageType**

Super-types:	None
Sub-types:	None

Name	ErrorMessageType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Error number. -->
  <Code> xsd:unsignedInt </Code> [0..1]
  <!-- Reference xml node name for this error. -->
  <Section> xsd:string </Section> [0..1]
  <!-- Specific location for this error. -->
  <Record> xsd:string </Record> [0..1]
  <!-- Detailed error description. Contact FINRA/UAT support for General System Error. -->
  <Description> xsd:string </Description> [1]
  <Type> xs:NMTOKEN (value comes from list: {'CC'|'FORM'|'SCHEMA'|'SYSTEM'}) </Type> [1]
  <!-- 805- Fund ID for this error, if applicable. -->
  <FundID> xsd:string </FundID> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="ErrorMessageType">
  <xsd:sequence>
    <xsd:element name="Code" type="xsd:unsignedInt" minOccurs="0"/>
    <xsd:element name="Section" type="xsd:string" minOccurs="0"/>
    <xsd:element name="Record" type="xsd:string" minOccurs="0"/>
    <xsd:element name="Description" type="xsd:string" />
    <xsd:element name="Type">
      <xsd:simpleType>
        <xsd:restriction base="xs:NMTOKEN">
          <xsd:enumeration value="CC"/>
          <xsd:enumeration value="FORM"/>
          <xsd:enumeration value="SCHEMA"/>
          <xsd:enumeration value="SYSTEM"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="FundID" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Schema Reference Glossary

Glossary

Abstract (Applies to complex type definitions and element declarations). An abstract element or complex type cannot be used to validate an element instance. If there is a reference to an abstract element, only element declarations that can substitute the abstract element can be used to validate the instance. For references to abstract type definitions, only derived types can be used.

All Model Group Child elements can be provided *in any order* in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-all>.

Choice Model Group Only *one* from the list of child elements and model groups can be provided in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-choice>.

Collapse Whitespace Policy Replace tab, line feed, and carriage return characters with space character (Unicode character 32). Then, collapse contiguous sequences of space characters into single space character, and remove leading and trailing space characters.

Disallowed Substitutions (Applies to element declarations). If *substitution* is specified, then [substitution group](#) members cannot be used in place of the given element declaration to validate element instances. If *derivation methods*, e.g. extension, restriction, are specified, then the given element declaration will not validate element instances that have types derived from the element declaration's type using the specified derivation methods. Normally, element instances can override their declaration's type by specifying an `xsi:type` attribute.

Key Constraint Like [Uniqueness Constraint](#), but additionally requires that the specified value(s) must be provided. See: http://www.w3.org/TR/xmlschema-1/#cIdentity-constraint_Definitions.

Key Reference Constraint Ensures that the specified value(s) must match value(s) from a [Key Constraint](#) or [Uniqueness Constraint](#). See: http://www.w3.org/TR/xmlschema-1/#cIdentity-constraint_Definitions.

Model Group Groups together element content, specifying the order in which the element content can occur and the number of times the group of element content may be repeated. See: http://www.w3.org/TR/xmlschema-1/#Model_Groups.

Nilable (Applies to element declarations). If an element declaration is nilable, instances can use the `xsi:nil` attribute. The `xsi:nil` attribute is the boolean attribute, *nil*, from the <http://www.w3.org/2001/XMLSchema-instance> namespace. If an element instance has an `xsi:nil` attribute set to true, it can be left empty, even though its element declaration may have required content.

Notation A notation is used to identify the format of a piece of data. Values of elements and attributes that are of type, NOTATION, must come from the names of declared notations. See: http://www.w3.org/TR/xmlschema-1/#cNotation_Declarations.

Preserve Whitespace Policy Preserve whitespaces exactly as they appear in instances.

Prohibited Derivations (Applies to type definitions). Derivation methods that cannot be used to create sub-types from a given type definition.

Prohibited Substitutions (Applies to complex type definitions). Prevents sub-types that have been derived using the specified derivation methods from validating element instances in place of the given type definition.

Replace Whitespace Policy Replace tab, line feed, and carriage return characters with space character (Unicode character 32).

Sequence Model Group Child elements and model groups must be provided *in the specified order* in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-sequence>.

Substitution Group Elements that are *members* of a substitution group can be used wherever the *head* element of the substitution group is referenced.

Substitution Group Exclusions (Applies to element declarations). Prohibits element declarations from nominating themselves as being able to substitute a given element declaration, if they have types that are derived from the original element's type using the specified derivation methods.

Target Namespace The target namespace identifies the namespace that components in this schema belongs to. If no target namespace is provided, then the schema components do not belong to any namespace.

Uniqueness Constraint Ensures uniqueness of an element/attribute value, or a combination of values, within a specified scope. See: http://www.w3.org/TR/xmlschema-1/#cIdentity-constraint_Definitions.