

# **PFRD<sup>TM</sup> Form PF XML Filing Guide**

Release 2024.06

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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

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## Release 2024.06

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](http://www.iard.com/release_notes.asp)

### Add/Updates/deletes of items/questions

- Removed PFSection3ItemFLiquidityParallelMoneyMarketInfoList from Section 3 - Item F
- Added PFSection3ItemGLiquidityParallelMoneyMarketInfo for Section 3 - Item G
- Added PFSection3ItemFDispositionOfPortfolioSecuritiesList for Section 3 - Item F
- Updated Section 3 - Item A, PFSection3ItemALiquidityOperationalInfos
- Updated Section 3 - Item B, PFSection3ItemBLiquidityFundsAssets
- Updated Section 3 - Item C, PFSection3ItemsCLiquidityFinancingInfo
- Updated Section 3 - Item D, PFSection3ItemDLiquidityInvestorInfoList
- Updated Section 3 - Item E, PFSection3ItemELiquiditySecurityInfoList
  
- Removed Section 4 - Item B - PFSection4ItemBPrivateEquityFinancings
- Added Section 4 - Item B - PFSection4ItemBCertainInformationAboutReportingFund
- Added Section 4 - Item C - PFSection4ItemCPrivateEquityFinancings
- Added Section 4 - Item D - PFSection4ItemDPortfolioCompanyInvestmentExposures

### Add/Updates of metadata

- Updated InvestmentCategoryType values updated -Updated codes  
US\_TRSRY\_REPO,US\_GOVT\_AGENCY\_REPO,OTHER\_REPO,NA not supported anymore
- Updated RepoCategoryType values Added a new value - CASH, NA not allowed anymore
- Updated LiquidityFinancingMaturityTypeCodeType - All codes are new
- Added ClawbackType
- Added FinancingType
- Added DefaultEventCodeType
- Added MiscInfoQuestionsNumberType
- Added InvestmentStrategyType
- Added InvestorCategoryType

### Add/Updates of data types

- Added new Simple Type PositiveIntRestricted10PercentType
- Added new PositiveIntRestricted10PercentType
- Added new UnsignedDecimalRestricted14p2Type

## **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](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](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](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

**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 NAICSCodeType 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](mailto: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.PFServiceReference;
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 = @"somenamesomeorg.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.AlgorithmSuite = SecurityAlgorithmSuite.Default;
            binding.Security.Message.EstablishSecurityContext = false;
            binding.ReaderQuotas.MaxStringLength = 10000000;
            binding.MaxReceivedMessageSize = 10000000;
        }
        public static bool customCertificateValidation(object sender, X509Certificate cert, X509Chain chain, SslPolicyErrors sslError)
        {
            // Actual certificate validation goes here
            return true;
        }
        public void Execute()
        {
            string xml;
            string xmlOut = null;

```

```
ServiceEndPoint = newEndPointAddress(new Uri ("https://crd.fi.nra.org/v2/PFRD/WebServices/PFFormSubmissi onService.svc"));
using (PFFormSubmissi onServiceClient pf = newPFFormSubmissi onServiceClient (binding, ServiceEndPoint))
using (newOperationContextScope(pf.InnerChannel))
{
    varFipResponse = GetFipToken(userName, password);
    //prepare the Auth header
    varauthHeader = String.Format( "Bearer {0}" , fipResponse.AccessToken);
    //set the header for the outgoing request
    WebOperationContext.Current.OutgoingRequest.Headers.Add( "Autho rization", authHeader);
    try
    {
        boolpingResponse = 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.UploadFiling(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, string password)
{
    //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.

The table above displays the properties of this schema component.

XML Instance Representation

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

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

|   |
|---|
| <pre>&lt;complexTypename="AusAddress"&gt;   &lt;complexContent&gt;     &lt;extensionbase="Address"&gt;       &lt;sequence&gt;         &lt;elementname="state" type="AusStates"/&gt;         &lt;elementname="postcode"&gt;           &lt;simpleType&gt;             &lt;restrictionbase="string"&gt;               &lt;patternvalue="[1-9][0-9]{3}"/&gt;             &lt;/restriction&gt;           &lt;/simpleType&gt;         &lt;/element&gt;       &lt;/sequence&gt;       &lt;attributename="country" type="string" fixed="Australia"/&gt;     &lt;/extension&gt;   &lt;/complexContent&gt; &lt;/complexType&gt;</pre> |
|---|

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 | <p>©2024 Financial Industry Regulatory Authority, Inc. (FINRA). All rights reserved. Materials may not be reprinted or republished without the express permission of FINRA. This document contains FINRA Confidential and Proprietary information. FINRA provides this information to firms only for the firms' internal assessment or use of the Batch Filing and Data Download transfer functionality of the PFRD program. Any other use is strictly prohibited by FINRA. FINRA reserves the right to seek all injunctive and equitable relief available to it in the event FINRA Confidential or Proprietary information is released to a third party. A firm's use of this document demonstrates its acknowledgement that this document contains FINRA Confidential and Proprietary information, agreement that the firm will not reprint, republish or otherwise disclose this information to any third party and its agreement that FINRA may protect its rights, including but not limited to intellectual property rights.</p> <p>Version: Release 2024.06</p> <p>Change History:</p> <p>In addition to the schema changes listed below, please refer to the release notes for revised validations and other updates: <a href="http://www.iard.com/release_notes.asp">http://www.iard.com/release_notes.asp</a></p> <p>Draft release 06/08/2024</p> <ul style="list-style-type: none"><li>- InvestmentStrategyType values updated</li></ul> <p>Draft release 06/05/2024</p> <ul style="list-style-type: none"><li>- PositiveIntRestricted10PercentType simpletype updated to allow correct datatype</li></ul> <p>Draft release 06/03/2024</p> <ul style="list-style-type: none"><li>- Section 3 Item D updated.</li><li>- InvestorOwnedPercentsType added</li><li>- SimpleType InvestorCategoryType added</li></ul> <p>Draft release 05/20/2024</p> <ul style="list-style-type: none"><li>- InvestmentStrategyType values updated</li><li>- Section 3 Item F xml elements optionality updated.</li><li>- Section 4 Item B,C and D, xml elements optionality updated.</li></ul> <p>Draft release 04/23/2024</p> <ul style="list-style-type: none"><li>- Section 3 Item D Q58(b) - documentation updated to emphasis data entry rules</li><li>- Datatype updated for VarRateDemandNoteMonth2Amount</li></ul> <p>Draft release 04/19/2024</p> <ul style="list-style-type: none"><li>- Section 3 Item C Q54(b) - documentation updated to emphasis data entry rules</li><li>- Simpletype InvestmentCategoryType enumeration updated</li><li>- Simpletype RepoCategoryType enumeration updated</li></ul> <p>Draft release 04/11/2024</p> <ul style="list-style-type: none"><li>- InvestmentCategoryType values updated</li><li>- Codes US_TRSRY_REPO,US_GOV_T_AGNCY_REPO,OTHER_REPO,NA not supported anymore</li><li>- RepoCategoryType values updated, NA not allowed anymore</li><li>- PFSection3ItemDLiquidityInvestorInfo changed Q58 type changed from PercentType3 to PercentType</li><li>- PFSection4ItemBPrivateEquityFinancingCountryPortfolio changed Q68 type changed from PercentType3 to PercentType</li><li>- FinancingLoans child element updated/corrected</li><li>- PFSection4ItemCPrivateEquityFinancingLoan definition changed</li><li>- PersonCode, PersonOtherName no more supported</li><li>- CounterpartyLegalName,LEI,AffiliatedFinancialInstitution added</li><li>- Element PFSection4ItemCPrivateEquityFinancingBorrowing renamed PrivateEquityFinancingBorrowing</li><li>- Simple Type PositiveIntRestricted10PercentType added</li></ul> <p>Draft release 03/28/2024</p> <ul style="list-style-type: none"><li>- Removed PFSection3ItemFLiquidityParallelMoneyMarketInfoList from Section 3 - Item F</li><li>- Added PFSection3ItemGLiquidityParallelMoneyMarketInfo for Section 3 - Item G</li><li>- Added PFSection3ItemFDispositionOfPortfolioSecuritiesList for Section 3 - Item F</li><li>- Updated Section 3 - Item A, PFSection3ItemALiquidityOperationalInfos</li><li>- Updated Section 3 - Item B, PFSection3ItemBLiquidityFundsAssets</li><li>- Updated Section 3 - Item C, PFSection3ItemCLiquidityFinancingInfo</li><li>- Updated Section 3 - Item D, PFSection3ItemDLiquidityInvestorInfoList</li><li>- Updated Section 3 - Item E, PFSection3ItemELiquiditySecurityInfoList</li><li>- Updated LiquidityFinancingMaturityTypeCodeType</li><li>- Updated RepoCategoryType</li><li>- Removed Section 4 - Item B - PFSection4ItemBPrivateEquityFinancings</li><li>- Added Section 4 - Item B - PFSection4ItemBCertainInformationAboutReportingFund</li><li>- Added Section 4 - Item C - PFSection4ItemCPrivateEquityFinancings</li><li>- Added Section 4 - Item D - PFSection4ItemDPortfolioCompanyInvestmentExposures</li></ul> |
|---------------|---|

- Added InvestmentCategoryType
- Added ClawbackType
- Added FinancingType
- Added QuestionsNumberType
- Added DefaultEventCodeType

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 "NFAFundCFTCCComplianceFlag" 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

Element: **PFXMLFiling**

|                 |                              |
|-----------------|------------------------------|
| <b>Name</b>     | PFXMLFiling                  |
| <b>Type</b>     | Locally-defined complex type |
| <b>Niltable</b> | no                           |
| <b>Abstract</b> | no                           |

### XML Instance Representation

```
<PFXMLFiling>
```

```

<!-- Filing Type for the Form PF filing
      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 -->
<FilingType> stringPreserveWhiteSpaces (value comes from list: {'PF-AMEND' | 'PF-FINAL' | 'PF-INIT' | 'PF-TRANS' |
'PF-UPDATING'}) </FilingType> [1]

<!-- The reporting period type for this filing: Q for quarterly or A for annual.
      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 -->
<ReportingPeriodType> stringPreserveWhiteSpaces (value comes from list: {'A' | 'Q'}) </ReportingPeriodType> [0..1]

<!-- The quarter- or year-ending date for this filing in YYYY-MM-DD format. This is not needed for PF-FINAL/PF-TRANS
filings -->
<ReportingPeriodEndDate> xsd:date </ReportingPeriodEndDate> [0..1]

<!-- The quarter number corresponding to the ReportingPeriodEndDate for this filing. This is not needed for PF-
FINAL/PF-TRANS filings or for Annual filings -->
<ReportingPeriodQuarter> stringPreserveWhiteSpaces (value comes from list: {'1' | '2' | '3' | '4'})
</ReportingPeriodQuarter> [0..1]

<!-- Section 1a - Item A - Q1a - Information about you
      Note that the filer's Legal Name and SEC 801-Number (if any) are not
      supplied here. PFRD infers that information from the filer's login credentials. -->
<PFSection1aItemAIdentInfo> [0..1]

    <!-- Q1a - NFA ID Number, if any of the adviser -->
    <NFAFirmID> NFAFirmIDType </NFAFirmID> [0..1]

    <!-- Q1a - Large trader ID, if any -->
    <LargeTraderID> TradeIDType </LargeTraderID> [0..1]

    <!-- Q1a - Large trader ID suffix, if any -->
    <LargeTraderIDSuffix> TradeIDSuffixType </LargeTraderIDSuffix> [0..1]
</PFSection1aItemAIdentInfo>

<!-- Section 1a - Item A - Q1b - Related Persons -->
<PFSection1aItemARelatedPersons> [0..1]
    <PFSection1aItemARelatedPerson> PFSection1aItemARelatedPersonType </PFSection1aItemARelatedPerson> [1..*]
</PFSection1aItemARelatedPersons>

<!-- Q2 - Signature on behalf of the firm and its related persons -->
<PFSection1aItemASignatureFirmAndRelatedPersons> PFSection1aItemASignatureMainType
</PFSection1aItemASignatureFirmAndRelatedPersons> [1]

<!-- Q2 - Signature on behalf of related persons -->
<PFSection1aItemASignaturesRelatedPersons> [0..1]
    <PFSection1aItemASignature> PFSection1aItemASignatureRltdPrsnType </PFSection1aItemASignature> [0..*]
</PFSection1aItemASignaturesRelatedPersons>

<!-- Section 1a - Item B - Q3 -->
<PFSection1aItemBFilersAssetsByFundType> [0..1]
    <AssetsFunds> [1]
        <FilersAssetsFundData> [1..8]

            <!-- Q3 - Fund type code that specifies a row for 3(a) to 3(h). Commodity pools are to be included as hedge
            funds per the instructions to Form PF. -->
            <FundType> AssetFundsFundTypeType </FundType> [1]

            <!-- Q3 - Regulatory assets under management -->
            <RegulatoryAssetsFunds> UnsignedLongRestricted15Type </RegulatoryAssetsFunds> [1]

            <!-- Q3 - Net assets under management -->
            <NetAssetsFunds> LongRestricted15Type </NetAssetsFunds> [1]
        </FilersAssetsFundData>
    </AssetsFunds>
</PFSection1aItemBFilersAssetsByFundType>

<!-- Section 1a - Item C - Q4 Miscellaneous Items -->
<PFSection1aItemCMiscellaneousItems> [0..1]
    <PFSection1aItemCMiscellaneous> PFSection1aItemCMiscellaneousType </PFSection1aItemCMiscellaneous> [0..*]
</PFSection1aItemCMiscellaneousItems>

<!-- 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) -->
<PFFunds> [0..1]
    <PFFund> PFFundType </PFFund> [1..*]
</PFFunds>

<!-- Q5, Q6, Q7 -->
<PFSection1bItemAFundsIdentInfo> [0..1]
    <PFSection1bItemAFundIdentInfo> PFSection1bItemAFundIdentInfoType </PFSection1bItemAFundIdentInfo> [1..*]
</PFSection1bItemAFundsIdentInfo>

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```

<!-- Section 1b - Item B - Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16 - Funds Assets Financing Investors -->
<PFSection1bItemBFundsAssetsFinancingInvestors> [0..1]
  <PFSection1bItemBFundAssetsFinancingInvestors> PFSection1bItemBFundAssetType
  </PFSection1bItemBFundAssetsFinancingInvestors> [1..*]
</PFSection1bItemBFundsAssetsFinancingInvestors>

<!-- Section 1b - Item C - Q17 - Funds Performance -->
<PFSection1bItemCFundsPerformance> [0..1]
  <PFSection1bItemCFundPerformance> PFSection1bItemCFundPerformanceType </PFSection1bItemCFundPerformance> [1..*]
</PFSection1bItemCFundsPerformance>

<!-- Q19, Q20, Q21, Q22, Q23, Q24, Q25 -->
<PFSection1cItemBHedgeFundsInfo> [0..1]
  <PFSection1cItemBHedgeFundInfo> PFSection1cItemBHedgeFundInfoType </PFSection1cItemBHedgeFundInfo> [1..*]
</PFSection1cItemBHedgeFundsInfo>

<!-- Q26, Part 1 -->
<PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1> PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type
</PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1> [0..1]

<!-- Q26, Part 2 -->
<PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2> PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type
</PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2> [0..1]

<!-- Q26, Part 3 -->
<PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3> PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type
</PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3> [0..1]

<!-- Section 2a - Item A - Q27, Q28 - Exposure of hedge fund assets -->
<PFSection2aItemAHedgeFundAggregatedAssetsInvestment> PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType
</PFSection2aItemAHedgeFundAggregatedAssetsInvestment> [0..1]

<!-- Section 2b - Item B - Check this box if you advise only one hedge fund. If you check this box, you may skip Q30 -->
<PFSection2bItemBAdviseSingleHedgeFund> xs:boolean </PFSection2bItemBAdviseSingleHedgeFund> [0..1]

<!-- Q30, Part 1 -->
<PFSection2bItemBHedgeFundsExposureTradingPart1> [0..1]
  <PFSection2bItemBHedgeFundExposureTradingPart1> PFSection2bItemBHedgeFundExposureTradingPart1Type
  </PFSection2bItemBHedgeFundExposureTradingPart1> [1..*]
</PFSection2bItemBHedgeFundsExposureTradingPart1>

<!-- Q30, Part 2 -->
<PFSection2bItemBHedgeFundsExposureTradingPart2> [0..1]
  <PFSection2bItemBHedgeFundExposureTradingPart2> PFSection2bItemBHedgeFundExposureTradingPart2Type
  </PFSection2bItemBHedgeFundExposureTradingPart2> [1..*]
</PFSection2bItemBHedgeFundsExposureTradingPart2>

<!-- Q30, Part 3 -->
<PFSection2bItemBHedgeFundsExposureTradingPart3> [0..1]
  <PFSection2bItemBHedgeFundExposureTradingPart3> PFSection2bItemBHedgeFundExposureTradingPart3Type
  </PFSection2bItemBHedgeFundExposureTradingPart3> [1..*]
</PFSection2bItemBHedgeFundsExposureTradingPart3>

<!-- Section 2b - Item B - Q31, Q32, Q33, Q34 - Reporting fund exposures and trading -->
<PFSection2bItemBQ31ffHedgeFundsLiquidity> [0..1]
  <PFSection2bItemBQ31ffHedgeLiquidity> PFSection2bItemBQ31ffHedgeLiquidityType </PFSection2bItemBQ31ffHedgeLiquidity>
  [0..*]
</PFSection2bItemBQ31ffHedgeFundsLiquidity>

<!-- Section 2b - Item B - Q35 - Hedge Fund Positions For Q36 and Q37 See Q22 and Q23 -->
<PFSection2bItemBHedgeFundsPositions> [0..1]
  <PFSection2bItemBHedgeFundPositions> PFSection2bItemBHedgeFundPositionsType </PFSection2bItemBHedgeFundPositions>
  [0..*]
</PFSection2bItemBHedgeFundsPositions>

<!-- Section 2b - Item B - Q38, Q39 - Reporting fund exposures and trading -->
<PFSection2bItemBQ38ffHedgeFundsCltrlRehyp> [0..1]
  <PFSection2bItemBQ38ffHedgeCltrlRehyp> PFSection2bItemBQ38ffHedgeCltrlRehypType
  </PFSection2bItemBQ38ffHedgeCltrlRehyp> [0..*]
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<!-- Q40, Q41 -->
<PFSection2bItemCHedgeFundsRiskVar> [0..1]
  <PFSection2bItemCHedgeFundRiskVar> PFSection2bItemCHedgeFundRiskVarType </PFSection2bItemCHedgeFundRiskVar> [1..*]
</PFSection2bItemCHedgeFundsRiskVar>

<!-- Section 2b - Item C - Q42 - Hedge Fund Risk Metrics By Market Factors -->
<PFSection2bItemCRiskMetricsByMarketFactors> [0..1]
  <PFSection2bItemCHedgeFundRiskMetricsByMarketFactors> PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType
  </PFSection2bItemCHedgeFundRiskMetricsByMarketFactors> [0..*]
</PFSection2bItemCRiskMetricsByMarketFactors>

<!-- Section 2b - Item D - Q43 - Financing information -->
<PFSection2bItemDHedgeFundFinancingBorrowings> [0..1]
  <PFSection2bItemDHedgeFundFinancingBorrowing> PFSection2bItemDHedgeFundFinancingBorrowingType
  </PFSection2bItemDHedgeFundFinancingBorrowing> [0..*]
</PFSection2bItemDHedgeFundFinancingBorrowings>

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```

<!-- Section 2b - Item D - Q44, Q45, Q46 - Financing information -->
<PFSection2bItemDHedgeFundFinancingDerivativesLiquidityInfo> [0..1]
  <PFSection2bItemDHedgeFundFinancingDerivativesLiquidity> PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType
  </PFSection2bItemDHedgeFundFinancingDerivativesLiquidity> [0..*]
</PFSection2bItemDHedgeFundFinancingDerivativesLiquidityInfo>

<!-- Q47 -->
<PFSection2bItemDHedgeFundCreditorsList> [0..1]
  <PFSection2bItemDHedgeFundCreditors> PFSection2bItemDHedgeFundCreditorsType </PFSection2bItemDHedgeFundCreditors>
  [1..*]
</PFSection2bItemDHedgeFundCreditorsList>

<!-- Section 2b - Item E - Q48, Q49, Q50 - Investor information -->
<PFSection2bItemEHedgeFundInvestorsInfo> [0..1]
  <PFSection2bItemEHedgeFundInvestorInfo> PFSection2bItemEHedgeFundInvestorInfoType
  </PFSection2bItemEHedgeFundInvestorInfo> [1..*]
</PFSection2bItemEHedgeFundInvestorsInfo>

<!-- Q52 -->
<PFSection3ItemALiquidityOperationalInfos> [0..1]
  <PFSection3ItemALiquidityOperationalInfo> PFSection3ItemALiquidityOperationalInfoType
  </PFSection3ItemALiquidityOperationalInfo> [1..*]
</PFSection3ItemALiquidityOperationalInfos>

<!-- Section 3 - Item B - Q53 - Liquidity Assets -->
<PFSection3ItemBLiquidityFundsAssets> [0..1]
  <PFSection3ItemBLiquidityAssets> PFSection3ItemBLiquidityAssetsType </PFSection3ItemBLiquidityAssets> [0..*]
</PFSection3ItemBLiquidityFundsAssets>

<!-- Q54, Q55 -->
<PFSection3ItemsCLiquidityFinancingInfo> [0..1]
  <PFSection3ItemCLiquidityFinancingInfo> PFSection3ItemCLiquidityFinancingInfoType
  </PFSection3ItemCLiquidityFinancingInfo> [1..*]
</PFSection3ItemsCLiquidityFinancingInfo>

<!-- Q56, Q57, Q58, Q59, Q60, Q61 -->
<PFSection3ItemDLiquidityInvestorInfoList> [0..1]
  <PFSection3ItemDLiquidityInvestorInfo> PFSection3ItemDLiquidityInvestorInfoType
  </PFSection3ItemDLiquidityInvestorInfo> [1..*]
</PFSection3ItemDLiquidityInvestorInfoList>

<!-- Q62 -->
<PFSection3ItemELiquiditySecurityInfoList> [0..1]
  <PFSection3ItemELiquiditySecurityInfo> PFSection3ItemELiquiditySecurityInfoType
  </PFSection3ItemELiquiditySecurityInfo> [1..*]
</PFSection3ItemELiquiditySecurityInfoList>

<!-- Q63 -->
<PFSection3ItemFDispositionOfPortfolioSecuritiesList> [0..1]
  <PFSection3ItemFDispositionOfPortfolioSecurities> PFSection3ItemFDispositionOfPortfolioSecuritiesType
  </PFSection3ItemFDispositionOfPortfolioSecurities> [0..*]
</PFSection3ItemFDispositionOfPortfolioSecuritiesList>

<!-- Q64 -->
<PFSection3ItemGLiquidityParallelMoneyMarketInfoList> [0..1]
  <PFSection3ItemGLiquidityParallelMoneyMarketInfo> PFSection3ItemGLiquidityParallelMoneyMarketInfoType
  </PFSection3ItemGLiquidityParallelMoneyMarketInfo> [1..*]
</PFSection3ItemGLiquidityParallelMoneyMarketInfoList>

<!-- Q66, Q67 -->
<PFSection4ItemBCertainInformationAboutReportingFund> [0..1]
  <PFSection4ItemBCertainInformation> PFSection4ItemBCertainInformationType </PFSection4ItemBCertainInformation>
  [0..*]
</PFSection4ItemBCertainInformationAboutReportingFund>

<!-- Q68, Q69, Q70, Q71, Q72, Q73, Q74, Q75, Q76, Q77, Q78 -->
<PFSection4ItemCPrivateEquityFinancings> [0..1]
  <PFSection4ItemCPrivateEquityFinancing> PFSection4ItemCPrivateEquityFinancingType
  </PFSection4ItemCPrivateEquityFinancing> [1..*]
</PFSection4ItemCPrivateEquityFinancings>

<!-- Q79, Q80, Q81, Q82, Q83 -->
<PFSection4ItemDPortfolioCompanyInvestmentExposures> [0..1]
  <PFSection4ItemDPortfolioCompanyInvestmentExposure> PFSection4ItemDPortfolioCompanyInvestmentExposureType
  </PFSection4ItemDPortfolioCompanyInvestmentExposure> [1..*]
</PFSection4ItemDPortfolioCompanyInvestmentExposures>
</PFXMLFiling>

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#### Schema Component Representation

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    <xsd:sequence>
      <xsd:element name="FilingType">
        <xsd:simpleType>
          <xsd:restriction base="stringPreserveWhiteSpaces">
            <xsd:enumeration value="PF-AMEND"/>

```

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        <xsd:enumeration value="PF-FINAL"/>
        <xsd:enumeration value="PF-INIT"/>
        <xsd:enumeration value="PF-TRANS"/>
        <xsd:enumeration value="PF-UPDATING"/>
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="ReportingPeriodType" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="stringPreserveWhiteSpaces">
            <xsd:enumeration value="A"/>
            <xsd:enumeration value="Q"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ReportingPeriodEndDate" type="xsd:date" minOccurs="0"/>
<xsd:element name="ReportingPeriodQuarter" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="stringPreserveWhiteSpaces">
            <xsd:enumeration value="1"/>
            <xsd:enumeration value="2"/>
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        </xsd:restriction>
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</xsd:element>
<xsd:element name="PFSection1aItemAIdentInfo" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <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>
</xsd:element>
<xsd:element name="PFSection1aItemARelatedPersons" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="PFSection1aItemARelatedPerson" type="PFSection1aItemARelatedPersonType" minOccurs="1"
                maxOccurs="unbounded"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection1aItemASignatureFirmAndRelatedPersons" type="PFSection1aItemASignatureMainType"
    minOccurs="1" maxOccurs="1"/>
<xsd:element name="PFSection1aItemASignaturesRelatedPersons" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="PFSection1aItemASignature" type="PFSection1aItemASignatureRltdPrsnType" minOccurs="0"
                maxOccurs="unbounded"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection1aItemBFilersAssetsByFundType" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="AssetsFunds">
                <xsd:complexType>
                    <xsd:sequence>
                        <xsd:element name="FilersAssetsFundData" minOccurs="1" maxOccurs="8">
                            <xsd:complexType>
                                <xsd:sequence>
                                    <xsd:element name="FundType" type="AssetFundsFundTypeType"/>
                                    <xsd:element name="RegulatoryAssetsFunds" type="UnsignedLongRestricted15Type"/>
                                    <xsd:element name="NetAssetsFunds" type="LongRestricted15Type"/>
                                </xsd:sequence>
                            </xsd:complexType>
                        </xsd:element>
                    </xsd:sequence>
                </xsd:complexType>
            </xsd:element>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection1aItemCMiscellaneousItems" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="PFSection1aItemCMiscellaneous" type="PFSection1aItemCMiscellaneousType" minOccurs="0"
                maxOccurs="unbounded"/>
        </xsd:sequence>
    </xsd:complexType>

```

```

</xsd:element>
<xsd:element name="PFFunds" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFFund" type="PFFundType" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection1bItemAFundsIdentInfo" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection1bItemAFundIdentInfo" type="PFSection1bItemAFundIdentInfoType" minOccurs="1"
        maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection1bItemBFundsAssetsFinancingInvestors" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection1bItemBFundAssetsFinancingInvestors" type="PFSection1bItemBFundAssetType"
        maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection1bItemCFundsPerformance" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection1bItemCFundPerformance" type="PFSection1bItemCFundPerformanceType"
        maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection1cItemBHedgeFundsInfo" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection1cItemBHedgeFundInfo" type="PFSection1cItemBHedgeFundInfoType"
        maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1"
  type="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type" minOccurs="0" maxOccurs="1" />
<xsd:element name="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2"
  type="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type" minOccurs="0" maxOccurs="1" />
<xsd:element name="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3"
  type="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type" minOccurs="0" maxOccurs="1" />
<xsd:element name="PFSection2aItemAHedgeFundAggregatedAssetsInvestment"
  type="PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType" minOccurs="0" maxOccurs="1" />
<xsd:element name="PFSection2bItemBAdviseSingleHedgeFund" type="xs:boolean" minOccurs="0" />
<xsd:element name="PFSection2bItemBHedgeFundsExposureTradingPart1" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemBHedgeFundExposureTradingPart1"
        type="PFSection2bItemBHedgeFundExposureTradingPart1Type" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemBHedgeFundsExposureTradingPart2" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemBHedgeFundExposureTradingPart2"
        type="PFSection2bItemBHedgeFundExposureTradingPart2Type" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemBHedgeFundsExposureTradingPart3" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemBHedgeFundExposureTradingPart3"
        type="PFSection2bItemBHedgeFundExposureTradingPart3Type" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemBQ31ffHedgeFundsLiquidity" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemBQ31ffHedgeLiquidity" type="PFSection2bItemBQ31ffHedgeLiquidityType"
        minOccurs="0" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

```

<xsd:element name="PFSection2bItemBHedgeFundsPositions" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemBHedgeFundPositions" type="PFSection2bItemBHedgeFundPositionsType"
        minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemBQ38ffHedgeFundsCltrlRehyp" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemBQ38ffHedgeCltrlRehyp" type="PFSection2bItemBQ38ffHedgeCltrlRehypType"
        minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemCHedgeFundsRiskVar" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemCHedgeFundRiskVar" type="PFSection2bItemCHedgeFundRiskVarType"
        minOccurs="1" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemCRiskMetricsByMarketFactors" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemCHedgeFundRiskMetricsByMarketFactors"
        type="PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemDHedgeFundFinancingBorrowings" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemDHedgeFundFinancingBorrowing"
        type="PFSection2bItemDHedgeFundFinancingBorrowingType" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemDHedgeFundFinancingDerivativesLiquidityInfo" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemDHedgeFundFinancingDerivativesLiquidity"
        type="PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection2bItemDHedgeFundCreditorsList" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection2bItemDHedgeFundCreditors" type="PFSection2bItemDHedgeFundCreditorsType"
        maxOccurs="unbounded"/>
    </xsd:sequence>
  </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="PFSection3ItemFDispositionOfPortfolioSecuritiesList" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemFDispositionOfPortfolioSecurities"
        type="PFSection3ItemFDispositionOfPortfolioSecuritiesType" minOccurs="0" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection3ItemGLiquidityParallelMoneyMarketInfoList" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemGLiquidityParallelMoneyMarketInfo"
        type="PFSection3ItemGLiquidityParallelMoneyMarketInfoType" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection4ItemBCertainInformationAboutReportingFund" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection4ItemBCertainInformation" type="PFSection4ItemBCertainInformationType"
        minOccurs="0" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection4ItemCPrivateEquityFinancings" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection4ItemCPrivateEquityFinancing" type="PFSection4ItemCPrivateEquityFinancingType"
        maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection4ItemDPortfolioCompanyInvestmentExposures" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection4ItemDPortfolioCompanyInvestmentExposure"
        type="PFSection4ItemDPortfolioCompanyInvestmentExposureType" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

```

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# Global Definitions

Complex Type: **BorrowingTypeOfFinancingsType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |                               |
|----------|-------------------------------|
| Name     | BorrowingTypeOfFinancingsType |
| Abstract | no                            |

XML Instance Representation

```
<...>
  <PFSection4ItemCPrivateEquityBorrowingTypeOfFinancing> PFSection4ItemCPrivateEquityBorrowingTypeOfFinancingType
</PFSection4ItemCPrivateEquityBorrowingTypeOfFinancing> [0..4]
</...>
```

Schema Component Representation

```
<xsd:complexType name="BorrowingTypeOfFinancingsType">
  <xsd:sequence>
    <xsd:element name="PFSection4ItemCPrivateEquityBorrowingTypeOfFinancing"
      type="PFSection4ItemCPrivateEquityBorrowingTypeOfFinancingType" minOccurs="0" maxOccurs="4"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: ClawbacksType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |               |
|----------|---------------|
| Name     | ClawbacksType |
| Abstract | no            |

XML Instance Representation

```
<...>
  <PFSection4ItemDPrivateEquityPartnerClawback> PFSection4ItemDPrivateEquityPartnerClawbackType
</PFSection4ItemDPrivateEquityPartnerClawback> [0..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="ClawbacksType">
  <xsd:sequence>
    <xsd:element name="PFSection4ItemDPrivateEquityPartnerClawback"
      type="PFSection4ItemDPrivateEquityPartnerClawbackType" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

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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

|   |
|---|
| <...><br><Value> union of: [ <a href="#">DecimalRestricted10p2Type</a> , <a href="#">AlternateTextType</a> ] </Value> [1]<br></...> |
|---|

Schema Component Representation

|   |
|---|
| <xsd:complexType name="DecimalNAExRestricted10p2Type"><br><xsd:sequence><br><xsd:element name="Value"><br><xsd:simpleType><br><xsd:union memberTypes=" <a href="#">DecimalRestricted10p2Type</a> <a href="#">AlternateTextType</a> " /><br></xsd:simpleType><br></xsd:element><br></xsd:sequence><br></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: **DefaultEventNaturesType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |                         |
|----------|-------------------------|
| Name     | DefaultEventNaturesType |
| Abstract | no                      |

XML Instance Representation

```
<...>
  <PFSection4ItemCPrivateEquityDefaultEventNature> PFSection4ItemCPrivateEquityDefaultEventNatureType
</PFSection4ItemCPrivateEquityDefaultEventNature> [0..3]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DefaultEventNaturesType">
  <xsd:sequence>
    <xsd:element name="PFSection4ItemCPrivateEquityDefaultEventNature"
      type="PFSection4ItemCPrivateEquityDefaultEventNatureType" minOccurs="0" maxOccurs="3"/>
  </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: **FinancingCompaniesType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |                        |
|----------|------------------------|
| Name     | FinancingCompaniesType |
| Abstract | no                     |

XML Instance Representation

```
<...>
  <PFSection4ItemDPrivateEquityFinancingFinancialCompany> PFSection4ItemDPrivateEquityFinancingFinancialCompanyType
</PFSection4ItemDPrivateEquityFinancingFinancialCompany> [0..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinancingCompaniesType">
  <xsd:sequence>
    <xsd:element name="PFSection4ItemDPrivateEquityFinancingFinancialCompany"
      type="PFSection4ItemDPrivateEquityFinancingFinancialCompanyType" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **FinancingInvestmentCountryPortfoliosType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |  |
|----------|--|
| Name     | FinancingInvestmentCountryPortfoliosType |
| Abstract | no                                       |

XML Instance Representation

```
<...>
  <PFSection4ItemBPrivateEquityFinancingCountryPortfolio> PFSection4ItemBPrivateEquityFinancingCountryPortfolioType
</PFSection4ItemBPrivateEquityFinancingCountryPortfolio> [0..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinancingInvestmentCountryPortfoliosType">
  <xsd:sequence>
    <xsd:element name="PFSection4ItemBPrivateEquityFinancingCountryPortfolio"
      type="PFSection4ItemBPrivateEquityFinancingCountryPortfolioType" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

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|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |   |
|----------|---|
| Name     | FinancingInvestmentStrategyPercentsType |
| Abstract | no                                      |

XML Instance Representation

```
<...>
  <PFSection4ItemBPrivateEquityInvestmentStrategyPercent> PFSection4ItemBPrivateEquityInvestmentStrategyPercentType
</PFSection4ItemBPrivateEquityInvestmentStrategyPercent> [0..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinancingInvestmentStrategyPercentsType">
  <xsd:sequence>
    <xsd:element name="PFSection4ItemBPrivateEquityInvestmentStrategyPercent"
      type="PFSection4ItemBPrivateEquityInvestmentStrategyPercentType" minOccurs="0" maxOccurs="unbounded"/>
  </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: **InvestmentIndustriesType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |                          |
|----------|--------------------------|
| Name     | InvestmentIndustriesType |
| Abstract | no                       |

XML Instance Representation

```
<...>
  <PFSection4ItemDPrivateEquityInvestmentIndustry> PFSection4ItemDPrivateEquityInvestmentIndustryType
</PFSection4ItemDPrivateEquityInvestmentIndustry> [0..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="InvestmentIndustriesType">
  <xsd:sequence>
    <xsd:element name="PFSection4ItemDPrivateEquityInvestmentIndustry"
      type="PFSection4ItemDPrivateEquityInvestmentIndustryType" minOccurs="0" maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **InvestorOwnedPercentsType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |                           |
|----------|---------------------------|
| Name     | InvestorOwnedPercentsType |
| Abstract | no                        |

XML Instance Representation

```
<...>
  <PFSection3ItemDLiquidityInvestorPercent> PFSection3ItemDLiquidityInvestorPercentType
</PFSection3ItemDLiquidityInvestorPercent> [0..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="InvestorOwnedPercentsType">
  <xsd:sequence>
    <xsd:element name="PFSection3ItemDLiquidityInvestorPercent" type="PFSection3ItemDLiquidityInvestorPercentType"
      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.<br>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:   | <ul style="list-style-type: none"><li><a href="#">PFSection1aItemASignatureRltdPrsnType</a> (by extension)</li></ul> |

|          |                                   |
|----------|-----------------------------------|
| 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: | <a href="#">PFSection1aItemASignatureMainType</a> < <b>PFSection1aItemASignatureRltdPrsnType</b> (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>
```

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 PFFunds 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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|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |                              |
|----------|------------------------------|
| Name     | PFOption1bItemBFundAssetType |
| 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]
```



```

<!-- 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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|              |      |
|--------------|------|
| 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]
```

```

<!-- 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]

</...>

```

```

<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"/>
    <xsd:element name="LastFiscalDateMonth6" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth6" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth6" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateQuarter2" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueQuarter2" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueQuarter2" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth7" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth7" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth7" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth8" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth8" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <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: PFSection1cltemBHedgeFundInfoCounterPartyPercentType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |  |
|---------------|--|
| Name          | PFSection1cltemBHedgeFundInfoCounterPartyPercentType |
| 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="PFSection1cltemBHedgeFundInfoCounterPartyPercentType">
  <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>
</...>
```



```

<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:   | <ul style="list-style-type: none"><li><a href="#">PFSection2bItemBHedgeFundExposureTradingPart1Type</a> (by extension)</li></ul> |

|               |  |
|---------------|--|
| 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"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <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"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <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:   | <ul style="list-style-type: none"><li><a href="#">PFSection2bItemBHedgeFundExposureTradingPart2Type</a> (by extension)</li></ul> |

|          |  |
|----------|--|
| 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
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<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S - Measure -->
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<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) -->
<SovereignBondsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </SovereignBondsOther>
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<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) - Measure -->
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</SovereignBondsOtherMeasure> [0..1]

<!-- Q26 Part2: U.S. state and local bonds -->
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<!-- Q26 Part2: U.S. state and local bonds - Measure -->
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<!-- Q26 Part2: Loans - Other loans (not including repos) -->
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<!-- Q26 Part2: Loans - Other loans - Measure -->
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<!-- Q26 Part2: Repos -->
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<!-- Q26 Part2: Repos - Measure -->
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<!-- Q26 Part2: ABS/structured products - MBS - Measure -->
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<!-- Q26 Part2: ABS/structured products - ABCP - Measure -->
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<!-- Q26 Part2: ABS/structured products - CDO/CLO -->
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<!-- Q26 Part2: ABS/structured products - CDO/CLO - Measure -->
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<!-- Q26 Part2: Other ABS - Measure -->
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Complex Type: **PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type**

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| Super-types: | None   |
| Sub-types:   | <ul style="list-style-type: none"><li><a href="#">PFSection2bItemBHedgeFundExposureTradingPart3Type</a> (by extension)</li></ul> |

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

XML Instance Representation

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<!-- Q26 Part3: Credit derivatives - Single name CDS -->
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<!-- Q26 Part3: Credit derivatives - Index CDS -->
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<!-- Q26 Part3: Credit derivatives - Exotic CDS -->
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<!-- Q26 Part3: Foreign exchange derivatives (hedging) -->
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<!-- Q26 Part3: Non-U.S. currency holdings -->
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<!-- Q26 Part3: Interest rate derivatives -->
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<!-- Q26 Part3: Commodities (derivatives) - Natural gas -->
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<!-- Q26 Part3: Commodities (derivatives) - Power -->
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<!-- Q26 Part3: Commodities (derivatives) - Other commodities -->
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<!-- Q26 Part3: Commodities (physical) - Crude oil -->
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<!-- Q26 Part3: Commodities (physical) - Natural gas -->
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<!-- Q26 Part3: Commodities (physical) - Gold -->
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</CommoditiesPhysicalGold> [0..1]

<!-- Q26 Part3: Commodities (physical) - Power -->
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<!-- Q26 Part3: Commodities (physical) - Other commodities -->
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<!-- Q26 Part3: Other derivatives -->
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<!-- Q26 Part3: Physical real estate -->
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<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit - Measure -->
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<!-- Q26 Part3: Cash and cash equivalents - Other deposits -->
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<!-- Q26 Part3: Other cash and cash equivalents -->
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| 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

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  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Listed equity - value of turnover during the 3rd Month -->
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  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Corporate bonds (other than convertible bonds ) - value of turnover during the 2nd Month -->
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  <!-- 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 -->
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  <SovereignBondsNonUSG10CountriesMonth1> UnsignedLongRestricted15Type </SovereignBondsNonUSG10CountriesMonth1> [1]
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issued by G10 countries other than the U.S - value of turnover during the 2nd Month -->
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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 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]

<!-- 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:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType">
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    <xsd:element name="ListedEquityMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="ListedEquityMonth2" type="UnsignedLongRestricted15Type"/>
    <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"/>
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    <xsd:element name="SovereignBondsUSTreasuryMonth2" type="UnsignedLongRestricted15Type"/>
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    <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="PercentNAVInNorthAmerica" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInSouthAmerica" type="UnsignedLongRestricted15Type"/>
    <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"/>
  </xsd:sequence>
</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<br>NOTE: This node needs to be included only if Section 2b is being answered for a qualified hedge fund. |

XML Instance Representation

```
<...>
  <!-- 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:complexType name="PFSection2bItemBCounterPartyQ36Q37Type">
  <xsd:sequence>
    <xsd:element name="CounterpartyCollateralCash" type="LongRestricted15Type" minOccurs="0"/>
    <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: | <a href="#">PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type</a> < <b>PFSection2bItemBHedgeFundExposureTradingPart1Type</b><br>(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

```
<...>

<!-- 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]

<FundID> FundIDType </FundID> [1]

</...>

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#### Schema Component Representation

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    <xsd:extension base="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type">
      <xsd:sequence>
        <xsd:element name="FundID" type="FundIDType"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

```

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Complex Type: **PFSection2bItemBHedgeFundExposureTradingPart2Type**

|              |   |
|--------------|---|
| Super-types: | <a href="#">PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type</a> < <b>PFSection2bItemBHedgeFundExposureTradingPart2Type</b><br>(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

```
<...>

<!-- 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 -->
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</StructuredProductsOtherABSMeasure> [0..1]

<!-- Q26 Part2: Other structured products -->
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## Schema Component Representation

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      <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: | <a href="#">PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type</a> < <b>PFSection2bItemBHedgeFundExposureTradingPart3Type</b><br>(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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|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |  |
|----------|--|
| Name     | PFSection2blItemBQ31ffHedgeLiquidityType |
| Abstract | no                                       |

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

## 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> BooleanYNTYPE </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="BooleanYNTYPE" 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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|              |      |
|--------------|------|
| 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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|              |      |
|--------------|------|
| 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 RLVNT_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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|              |      |
|--------------|------|
| 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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|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |   |
|----------|---|
| Name     | PFSection2bItemCHedgeFundDefaultRatesCDSPMarketFactorEffectType |
| 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> HedgeFundDefaultRatesCDSPMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesCDSPMarketFactorEffectType">
  <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="HedgeFundDefaultRatesCDSPMarketFactorChangeCodeType"
      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 RLVNT_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 RLVNT_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 | <pre>&lt;...&gt;  &lt;!-- Q42 - hedge fund identification number of the reporting fund --&gt; &lt;FundID&gt; FundIDType &lt;/FundID&gt; [1]  &lt;!-- Q42 - Market Factor - Equity prices --&gt; &lt;HedgeFundEquityPricesRelevanceTypeMarketFactor&gt; PFSection2bItemCHedgeFundEquityMarketFactorsType &lt;/HedgeFundEquityPricesRelevanceTypeMarketFactor&gt; [1]  &lt;!-- Q42 - Market Factor - Risk free interest rates --&gt; &lt;HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor&gt; PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType &lt;/HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor&gt; [1]  &lt;!-- Q42 - Market Factor - Credit spreads --&gt; &lt;HedgeFundCreditSpreadsRelevanceTypeMarketFactor&gt; PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType &lt;/HedgeFundCreditSpreadsRelevanceTypeMarketFactor&gt; [1]  &lt;!-- Q42 - Market Factor - Currency rates --&gt; &lt;HedgeFundCurrencyRatesRelevanceTypeMarketFactor&gt; PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType &lt;/HedgeFundCurrencyRatesRelevanceTypeMarketFactor&gt; [1]  &lt;!-- Q42 - Market Factor - Commodity prices --&gt; &lt;HedgeFundCommodityPricesRelevanceTypeMarketFactor&gt; PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType &lt;/HedgeFundCommodityPricesRelevanceTypeMarketFactor&gt; [1]  &lt;!-- Q42 - Market Factor - Option implied volatilities --&gt; &lt;HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor&gt; PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType &lt;/HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor&gt; [1]  &lt;!-- Q42 - Market Factor - Default rates (ABS) --&gt; &lt;HedgeFundDefaultRatesRelevanceTypeMarketFactor&gt; PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType &lt;/HedgeFundDefaultRatesRelevanceTypeMarketFactor&gt; [1]  &lt;!-- Q42 - Market Factor - Default rates (corporate bonds and CDS) --&gt; &lt;HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor&gt; PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType &lt;/HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor&gt; [1]  &lt;/...&gt;</pre> |
|-----------------------------|--|

|                                 |  |
|---------------------------------|--|
| Schema Component Representation | <pre>&lt;xsd:complexType name="PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType"&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="FundID" type="FundIDType"/&gt;     &lt;xsd:element name="HedgeFundEquityPricesRelevanceTypeMarketFactor" type="PFSection2bItemCHedgeFundEquityMarketFactorsType" minOccurs="1" maxOccurs="1"/&gt;     &lt;xsd:element name="HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor" type="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType" minOccurs="1" maxOccurs="1"/&gt;     &lt;xsd:element name="HedgeFundCreditSpreadsRelevanceTypeMarketFactor" type="PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType" minOccurs="1" maxOccurs="1"/&gt;     &lt;xsd:element name="HedgeFundCurrencyRatesRelevanceTypeMarketFactor" type="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType" minOccurs="1" maxOccurs="1"/&gt;     &lt;xsd:element name="HedgeFundCommodityPricesRelevanceTypeMarketFactor" type="PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType" minOccurs="1" maxOccurs="1"/&gt;     &lt;xsd:element name="HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor" type="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType" minOccurs="1" maxOccurs="1"/&gt;     &lt;xsd:element name="HedgeFundDefaultRatesRelevanceTypeMarketFactor" type="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType" minOccurs="1" maxOccurs="1"/&gt;     &lt;xsd:element name="HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor" type="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType" minOccurs="1" maxOccurs="1"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre> |
|---------------------------------|--|

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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|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |  |
|----------|--|
| Name     | PFSection2blItemDHedgeFundFinancingBorrowingType |
| Abstract | no   |

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

```

<!-- 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]

</...>

```

```

<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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|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |   |
|----------|---|
| Name     | PFSection2blItemDHedgeFundFinancingDerivativesLiquidityType |
| Abstract | no  |

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

```

<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

```
<...>
  <!-- Q54(b) Maturity Days Code -->
  <LiquidityFinancingMaturityTypeCode> LiquidityFinancingMaturityTypeCodeType </LiquidityFinancingMaturityTypeCode> [1]
  <!-- Q54(b) - 1 day or less. -->
  <BorrowedAmountMaturityInDays0To1Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays0To1Amount> [1]
  <!-- Q54(b) - 2 days to 7 days. -->
  <BorrowedAmountMaturityInDays2To7Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays2To7Amount> [1]
  <!-- Q54(b) - 8 days to 30 days. -->
  <BorrowedAmountMaturityInDays8To30Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays8To30Amount> [1]
  <!-- Q54(b) - 31 days to 397 days. -->
  <BorrowedAmountMaturityInDays31To397Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays31To397Amount> [1]
  <!-- Q54(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(a): Does the reporting fund seek to maintain a stable price per share -->
  <SeekToMaintainStablePrice> xsd:boolean </SeekToMaintainStablePrice> [1]
  <!-- Q52(b): If yes to Q52(a) SeekToMaintainStablePrice, state the price the reporting fund seeks to maintain -->
  <PriceSaughtToMaintain> UnsignedDecimalRestricted14p2Type </PriceSaughtToMaintain> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemALiquidityOperationalInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="SeekToMaintainStablePrice" type="xsd:boolean"/>
    <xsd:element name="PriceSaughtToMaintain" type="UnsignedDecimalRestricted14p2Type"/>
  </xsd:sequence>
</xsd:complexType>
```

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|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

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

XML Instance Representation

```
<...>
  <!-- Section 3 - Item B - Q53 - Liquidity Fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]

  <!-- 53(a) Net asset value of reporting fund - 1st Month -->
  <NAVMonth1Amount> LongRestricted15Type </NAVMonth1Amount> [1]

  <!-- 53(a) Net asset value of reporting fund - 2nd Month -->
  <NAVMonth2Amount> LongRestricted15Type </NAVMonth2Amount> [1]

  <!-- 53(a) Net asset value of reporting fund - 3rd Month -->
  <NAVMonth3Amount> LongRestricted15Type </NAVMonth3Amount> [1]

  <!-- 53(b) Net asset value per share of reporting fund - 1st Month -->
  <NAVPerShareMonth1Amount> DecimalRestricted15p4Type </NAVPerShareMonth1Amount> [1]

  <!-- 53(b) Net asset value per share of reporting fund - 2nd Month -->
  <NAVPerShareMonth2Amount> DecimalRestricted15p4Type </NAVPerShareMonth2Amount> [1]

  <!-- 53(b) Net asset value per share of reporting fund - 3rd Month -->
  <NAVPerShareMonth3Amount> DecimalRestricted15p4Type </NAVPerShareMonth3Amount> [1]

  <!-- 53(c) Market-based net asset value per share of reporting fund - 1st Month -->
  <NAVPerShareMarketBasedMonth1Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth1Amount> [1]

  <!-- 53(c) Market-based net asset value per share of reporting fund - 2nd Month -->
  <NAVPerShareMarketBasedMonth2Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth2Amount> [1]

  <!-- 53(c) Market-based net asset value per share of reporting fund - 3rd Month -->
  <NAVPerShareMarketBasedMonth3Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth3Amount> [1]

  <!-- 53(d) WAM of reporting fund - 1st Month -->
  <WAMMonth1Amount> UnsignedDecimalRestricted15p2Type </WAMMonth1Amount> [1]

  <!-- 53(d) WAM of reporting fund - 2nd Month -->
  <WAMMonth2Amount> UnsignedDecimalRestricted15p2Type </WAMMonth2Amount> [1]

  <!-- 53(d) WAM of reporting fund - 3rd Month -->
  <WAMMonth3Amount> UnsignedDecimalRestricted15p2Type </WAMMonth3Amount> [1]

  <!-- 53(e) WAL of reporting fund - 1st Month -->
  <WALMonth1Amount> UnsignedDecimalRestricted15p2Type </WALMonth1Amount> [1]

  <!-- 53(e) WAL of reporting fund - 2nd Month -->
  <WALMonth2Amount> UnsignedDecimalRestricted15p2Type </WALMonth2Amount> [1]

  <!-- 53(e) WAL of reporting fund - 3rd Month -->
  <WALMonth3Amount> UnsignedDecimalRestricted15p2Type </WALMonth3Amount> [1]

  <!-- 53(f) 7-day gross yield of reporting fund - 1st Month -->
  <SevenDayGrossYieldMonth1Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth1Amount> [1]

  <!-- 53(f) 7-day gross yield of reporting fund - 2nd Month -->
  <SevenDayGrossYieldMonth2Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth2Amount> [1]

  <!-- 53(f) 7-day gross yield of reporting fund - 3rd Month -->
  <SevenDayGrossYieldMonth3Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth3Amount> [1]

  <!-- 53(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 1st Month -->
  <AssetsDailyLiquidMonth1Amount> LongRestricted15Type </AssetsDailyLiquidMonth1Amount> [1]

  <!-- 53(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 2nd Month -->
  <AssetsDailyLiquidMonth2Amount> LongRestricted15Type </AssetsDailyLiquidMonth2Amount> [1]

  <!-- 53(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 3rd Month -->
  <AssetsDailyLiquidMonth3Amount> LongRestricted15Type </AssetsDailyLiquidMonth3Amount> [1]

  <!-- 53(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 1st Month -->
  <AssetsWeeklyLiquidMonth1Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth1Amount> [1]

  <!-- 53(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 2nd Month -->
  <AssetsWeeklyLiquidMonth2Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth2Amount> [1]

  <!-- 53(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 3rd Month -->
  <AssetsWeeklyLiquidMonth3Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth3Amount> [1]

  <!-- 53(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 1st Month -->
  <AssetsMaturityGreater397DaysMonth1Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth1Amount> [1]

  <!-- 53(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 2nd Month -->
  <AssetsMaturityGreater397DaysMonth2Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth2Amount> [1]
```

```

<!-- 53(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 3rd Month -->
<AssetsMaturityGreater397DaysMonth3Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth3Amount> [1]
<!-- 53(j) Amount of cash held by the reporting fund - 1st Month
-->
<CashHeldByFundMonth1Amount> LongRestricted15Type </CashHeldByFundMonth1Amount> [1]
<!-- 53(j) Amount of cash held by the reporting fund - 2nd Month
-->
<CashHeldByFundMonth2Amount> LongRestricted15Type </CashHeldByFundMonth2Amount> [1]
<!-- 53(j) Amount of cash held by the reporting fund - 3rd Month
-->
<CashHeldByFundMonth3Amount> LongRestricted15Type </CashHeldByFundMonth3Amount> [1]
<!-- 53(k) Total gross subscriptions (including dividend reinvestments) - 1st Month
-->
<TotGrossSubscriptionMonth1Amount> LongRestricted15Type </TotGrossSubscriptionMonth1Amount> [1]
<!-- 53(k) Total gross subscriptions (including dividend reinvestments) - 2nd Month
-->
<TotGrossSubscriptionMonth2Amount> LongRestricted15Type </TotGrossSubscriptionMonth2Amount> [1]
<!-- 53(k) Total gross subscriptions (including dividend reinvestments) - 3rd Month
-->
<TotGrossSubscriptionMonth3Amount> LongRestricted15Type </TotGrossSubscriptionMonth3Amount> [1]
<!-- 53(l) Total gross redemptions - 1st Month
-->
<TotGrossRedemptionsMonth1Amount> LongRestricted15Type </TotGrossRedemptionsMonth1Amount> [1]
<!-- 53(l) Total gross redemptions - 2nd Month
-->
<TotGrossRedemptionsMonth2Amount> LongRestricted15Type </TotGrossRedemptionsMonth2Amount> [1]
<!-- 53(l) Total gross redemptions - 3rd Month
-->
<TotGrossRedemptionsMonth3Amount> LongRestricted15Type </TotGrossRedemptionsMonth3Amount> [1]
</...>

```

```

<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:element name="CashHeldByFundMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="CashHeldByFundMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="CashHeldByFundMonth3Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotGrossSubscriptionMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotGrossSubscriptionMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotGrossSubscriptionMonth3Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotGrossRedemptionsMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotGrossRedemptionsMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotGrossRedemptionsMonth3Amount" 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]

  <!-- Q54(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]

  <!-- Q54(b) : If you responded "yes" to Question Q54(a), divide the dollar amount of total borrowing reported in
response to Question 12 among the periods specified below depending on the type of borrowing, the type of creditor and
the latest date on which the reporting fund may repay the principal amount of the borrowing without defaulting or
incurring penalties or additional fees.

      (If a creditor (or syndicate or administrative/collateral agent) is permitted to vary unilaterally the economic
terms of the financing or to revalue posted collateral in its own discretion and demand additional collateral, then
the borrowing should be deemed to have a maturity of 1 day or less for purposes of this question. For amortizing
loans, each amortization payment should be treated separately and grouped with other borrowings based on its payment
date.)

      ***** PLEASE NOTE *****
      * The total amount of borrowings reported below should equal *
      * approximately the total amount of borrowing reported *
      * in response to Question 12. *
      *****

-->
  <FinancingBorrowingList> [0..1]
    <PFSection3ItemCLiquidityFinancingInfoItem> PFSection3FinancingInfoMeasureType
    </PFSection3ItemCLiquidityFinancingInfoItem> [1..6]
  </FinancingBorrowingList>

  <!-- Q55(a): Does the reporting fund have in place one or more committed liquidity facilities? -->
  <HasCommittedLiquidityFacilities> xsd:boolean </HasCommittedLiquidityFacilities> [1]

  <!-- Q55(b): If you responded "yes" to Question 55(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="6"/>
        </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>
```

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |  |
|----------|--|
| Name     | PFSection3ItemDLiquidityInvestorInfoType |
| Abstract | no                                       |

XML Instance Representation

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

  <!-- Q56 - the number of outstanding shares or units of the reporting fund's stock or similar securities -->
  <NumberOfOutstandingShares> UnsignedLongRestricted15Type </NumberOfOutstandingShares> [1]

  <!-- Q57 - Is the reporting fund established as a cash management vehicle for other funds or accounts that you or your
  affiliates manage that are not cash management vehicles -->
  <IsFundACashManagementVehicle> xsd:boolean </IsFundACashManagementVehicle> [1]

  <!-- Q58(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]

  <!-- Q58(b)- For each investor that beneficially owns 5% or more of the
  reporting fund's equity, provide the following information.
  If you select "other" as an investor category, describe the
  investor in Question 4.
  ***** PLEASE NOTE
  *****
  * If you choose "other" as an investor category for question 58(b), please add relevant description on Question
  4 *
  * (PFSection1aItemBFilesAssetsByFundType\PFSection1aItemCMiscellaneousItems\PFSection1aItemCMiscellaneous) *
  *****
  -->
  <InvestorOwnedPercents> InvestorOwnedPercentsType </InvestorOwnedPercents> [0..1]

  <!-- Q59 - the estimate of the reporting fund's outstanding equity purchased using securities lending collateral -->
  <PercentEquityPurchasedUsingSecuritiesLendingCollateral> PercentType
  </PercentEquityPurchasedUsingSecuritiesLendingCollateral> [1]

  <!-- Q60(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]

  <!-- Q60(b) - Percentage of the fund's NAV which may be subjected to material restrictions on investor
  withdrawals/redemptions -->
  <WithdrawalMaterialRestrictionMaybeSubjectedPercent> PercentType </WithdrawalMaterialRestrictionMaybeSubjectedPercent>
  [1]

  <!-- Q60(c) Percentage of the fund's NAV subject to a suspension of investor withdrawals/redemptions -->
  <WithdrawalSuspensionIsSubjectedPercent> PercentType </WithdrawalSuspensionIsSubjectedPercent> [1]

  <!-- Q60(d) Percentage of the fund's NAV subject to a material restriction on investor withdrawals/redemptions -->
  <WithdrawalMaterialRestrictionIsSubjectedPercent> PercentType </WithdrawalMaterialRestrictionIsSubjectedPercent> [1]

  <!-- Q61 - Investor liquidity - % of NAV locked for 1 day or less -->
  <InvestorLiquidityInDays0To1Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays0To1Percent> [1]

  <!-- Q61 - Investor liquidity - % of NAV locked for 2 days - 7 days -->
  <InvestorLiquidityInDays2To7Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays2To7Percent> [1]

  <!-- Q61 - Investor liquidity - % of NAV locked for 8 days - 30 days -->
  <InvestorLiquidityInDays8To30Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays8To30Percent> [1]

  <!-- Q61 v- Investor liquidity - % of NAV locked for 31 days - 90 days -->
  <InvestorLiquidityInDays31To90Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays31To90Percent> [1]

  <!-- Q61 - Investor liquidity - % of NAV locked for 91 days - 180 days -->
  <InvestorLiquidityInDays91To180Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays91To180Percent> [1]

  <!-- Q61 - Investor liquidity - % of NAV locked for 181 days - 365 days -->
  <InvestorLiquidityInDays181To365Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays181To365Percent> [1]

  <!-- Q61 - 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="IsFundACashManagementVehicle" type="xsd:boolean"/>
    <xsd:element name="TopBeneficiallyOwnedEquityPercent" type="PercentType"/>
    <xsd:element name="InvestorOwnedPercents" type="InvestorOwnedPercentsType" minOccurs="0"/>
    <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: **PFSection3ItemDLiquidityInvestorPercentType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection3ItemDLiquidityInvestorPercentType         |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 3 - Item D. |

XML Instance Representation

```
<...>
  <!-- Q58(b)(i)- Investor category. Refer InvestorCategoryType for details.
  -->
  <FundInvestorCode> InvestorCategoryType </FundInvestorCode> [1]
  <!-- Q58(b)(ii) - Investor's percent of equity of the reporting fund.
  -->
  <PercentageAmount> PercentType </PercentageAmount> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemDLiquidityInvestorPercentType">
  <xsd:sequence>
    <xsd:element name="FundInvestorCode" type="InvestorCategoryType"/>
    <xsd:element name="PercentageAmount" type="PercentType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemEEEnhancementCreditAgencyNameAndRatingType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection3ItemEEEnhancementCreditAgencyNameAndRatingType  |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 3 - Item E - Q62 n (iii) Enhancement Credit Agency Name and Rating information. |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 62(n) (iii) Enhancement Credit Rating Agency Name -->
  <EnhancementCreditRatingAgencyName> StringRestricted150Type </EnhancementCreditRatingAgencyName> [1]
  <!-- Section 3 - Item E - 62 (n) (iii)Enhancement Rating -->
  <EnhancementCreditRating> StringRestricted20Type </EnhancementCreditRating> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemEEEnhancementCreditAgencyNameAndRatingType">
  <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 - Q62 (m) (ii) Guarantee Credit Agency Name and Rating information |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item D - 62(m) (ii) Guarantee Credit Agency Name -->
  <GuaranteeCreditRatingAgencyName> StringRestricted150Type </GuaranteeCreditRatingAgencyName> [1]
  <!-- Section 3 - Item D - 62 (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 - Q62 Liquidity Portfolio Information List |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 62 Reporting Period Month -->
  <ReportingPeriodMonth> xs:positiveInteger (1 <= value <= 3) </ReportingPeriodMonth> [1]

  <!-- Section 3 - Item E - 62(a) Name of the issuer -->
  <IssuerName> StringRestricted150Type </IssuerName> [1]

  <!-- Section 3 - Item E - 62(b) Title of the issue -->
  <IssuerTitle> StringRestricted150Type </IssuerTitle> [1]

  <!-- Section 3 - Item E - 62(c)CUSIP -->
  <CUSIP> StringRestricted9Type </CUSIP> [0..1]

  <!-- Section 3 - Item E - 62(d) LEI, if any -->
  <LegalEntityID> LEIType </LegalEntityID> [0..1]

  <!-- Section 3 - Item E - 62 (e)(i) ISIN -->
  <ISINNumber> StringRestricted12Type </ISINNumber> [0..1]

  <!-- Section 3 - Item E - 62 (e)(ii) CIK -->
  <CIKNumber> PositiveLongNAExRestricted10Type </CIKNumber> [0..1]

  <!-- Section 3 - Item E - 62 (e)(iii) Other unique identifier -->
  <OtherUniqueID> StringRestricted150Type </OtherUniqueID> [0..1]

  <!-- Section 3 - Item E - 62(f) Investment Category -->
  <InvestmentCategory> InvestmentCategoryType </InvestmentCategory> [1]

  <!-- Section 3 - Item E - 62(f) Description if 'Investment Category' is 'Other' -->
  <InvestmentCategoryOther> StringRestricted256Type </InvestmentCategoryOther> [0..1]

  <!-- Section 3 - Item E - 62(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 - 62 (g)(i) Whether the repo is "open" -->
  <RepoOpen> xsd:boolean </RepoOpen> [0..1]

  <!-- Section 3 - Item E - 62 (g)(ii) Whether the repo centrally cleared? -->
  <CentrallyCleared> xsd:boolean </CentrallyCleared> [0..1]

  <!-- Section 3 - Item E - 62 (g)(iii) If the repo is centrally cleared, identify the CCP -->
  <CCP> StringRestricted150Type </CCP> [0..1]

  <!-- Section 3 - Item E - 62 (g)(iv) Is the repo settled on a tri-party platform? -->
  <SettledOnTriPtyPl> xsd:boolean </SettledOnTriPtyPl> [0..1]

  <!-- Section 3 - Item E - 62 (g)(v - xii) Liquidity Security Repo information details. -->
  <LiquiditySecurityReposList> [0..1]
    <PFSection3ItemELiquiditySecurityRepo> PFSection3ItemELiquiditySecurityRepoType
    </PFSection3ItemELiquiditySecurityRepo> [0..*]
  </LiquiditySecurityReposList>

  <!-- Section 3 - Item E - 62(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 - 62 (h) Liquidity Security Credit Rating Agency information details -->
  <LiquiditySecurityCreditRatingAgencyList> [0..1]
    <PFSection3ItemELiquiditySecurityCreditRatingAgency> PFSection3ItemELiquiditySecurityCreditRatingAgencyType
    </PFSection3ItemELiquiditySecurityCreditRatingAgency> [0..*]
  </LiquiditySecurityCreditRatingAgencyList>

  <!-- Section 3 - Item E - 62(i) The maturity date used to calculate WAM -->
  <WAMMaturityDate> DateNAExType </WAMMaturityDate> [1]

  <!-- Section 3 - Item E - 62(j) The maturity date used to calculate WAL -->
  <WALMaturityDate> DateNAExType </WALMaturityDate> [1]

  <!-- Section 3 - Item E - 62 (k) Ultimate Legal Maturity Date -->
  <UltimateLegalMaturityDate> DateNAExType </UltimateLegalMaturityDate> [1]

  <!-- Section 3 - Item E - 62(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 - 62(l) Liquidity Security Demand Features information details -->
<DemandFeaturesSecurityList> [0..1]
  <PFSection3ItemELiquiditySecurityDemandFeatures> PFSection3ItemELiquiditySecurityDemandFeaturesType
</PFSection3ItemELiquiditySecurityDemandFeatures> [0..*]
</DemandFeaturesSecurityList>

<!-- Section 3 - Item E - 62(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 - 62 (m) Liquidity Security Guarantee information details -->
<SecurityGuaranteeList> [0..1]
  <PFSection3ItemELiquiditySecurityGuarantee> PFSection3ItemELiquiditySecurityGuaranteeType
</PFSection3ItemELiquiditySecurityGuarantee> [0..*]
</SecurityGuaranteeList>

<!-- Section 3 - Item E - 62(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 - 62 (n) Liquidity Security Enhancement information details -->
<EnhancementList> [0..1]
  <PFSection3ItemELiquiditySecurityEnhancement> PFSection3ItemELiquiditySecurityEnhancementType
</PFSection3ItemELiquiditySecurityEnhancement> [0..*]
</EnhancementList>

<!-- Section 3 - Item E - 62(o) Yield -->
<SecurityYield> DecimalNAExRestricted12p2RequiredDecimalType </SecurityYield> [1]

<!-- Section 3 - Item E - 62(p)(i) Value inclusive of sponsor support -->
<SponsorSupportValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportValue> [1]

<!-- Section 3 - Item E - 62 (p)(i) Value inclusive of sponsor support amortized -->
<SponsorSupportAmortizedValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportAmortizedValue>
[0..1]

<!-- Section 3 - Item E - 62(p)(ii) Value excluding sponsor support -->
<SponsorSupportValueExcluded> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportValueExcluded> [1]

<!-- Section 3 - Item E - 62 (p)(ii) Value excluding sponsor support amortized -->
<SponsorSupportAmortizedValueExcluded> PositiveDecimalNAExRestricted12p2RequiredDecimalType
</SponsorSupportAmortizedValueExcluded> [0..1]

<!-- Section 3 - Item E - 62(q) NAV -->
<PercentNavSecurity> UnsignedDecimalNAExRestricted7p2RequiredDecimalType </PercentNavSecurity> [1]

<!-- Section 3 - Item E - 62(r) Level 3 Asset or Liability -->
<IsSecurityAssetOrLiability> xsd:boolean </IsSecurityAssetOrLiability> [1]

<!-- Section 3 - Item E - 62(s) Daily Liquid Asset -->
<IsSecurityDailyAsset> xsd:boolean </IsSecurityDailyAsset> [1]

<!-- Section 3 - Item E - 62(t) Weekly Liquid Asset -->
<IsSecurityWeeklyAsset> xsd:boolean </IsSecurityWeeklyAsset> [1]

<!-- Section 3 - Item E - 62(u) Illiquid Security -->
<IsSecurityIlliquid> xsd:boolean </IsSecurityIlliquid> [1]

<!-- Section 3 - Item E - 62(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="LEIDType" 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="CentrallyCleared" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="CCP" type="StringRestricted150Type" minOccurs="0"/>
    <xsd:element name="SettledOnTriptyPl" 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 - Q62(h) Liquidity Security Credit Rating Agency Name and Rating information. |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 62(h) Credit Agency Name -->
  <CreditRatingAgencyName> StringRestricted150Type </CreditRatingAgencyName> [1]
  <!-- Section 3 - Item E - 62(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 - Q62 (l) (ii) Liquidity Security Demand Credit Agency Name and Rating information |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 62 (l)(ii) Demand Credit Agency Name -->
  <DemandCreditRatingAgencyName> StringRestricted150Type </DemandCreditRatingAgencyName> [1]
  <!-- Section 3 - Item E - 62(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 - Q62 (I) (i - v) Liquidity Security Demand Features information details |

XML Instance Representation

```
<...>

<!-- Section 3 - Item E - 62(1)(i) Identity of the demand feature issuer -->
<DemandIssuer> StringRestricted150Type </DemandIssuer> [1]

<!-- Section 3 - Item E - 62(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 - Q62 (1) (ii) Liquidity Security Demand Credit Agency information details -->
<DemandCreditAgencyNameAndRatingList> [0..1]
  <PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRating>
    PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType
  </PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRating> [0..*]
</DemandCreditAgencyNameAndRatingList>

<!-- Section 3 - Item E - 62(1) (iii) Demand Period -->
<DemandPeriod> UnsignedDecimalNAExRestricted15Type </DemandPeriod> [1]

<!-- Section 3 - Item E - 62(1) (iv) Demand Fractional Support -->
<DemandSupport> UnsignedDecimalNAExRestricted4Type </DemandSupport> [1]

<!-- Section 3 - Item E - 62(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 - Q62 n (i - iv) Liquidity Security Enhancement information details |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 62(n) (i) Identity of the enhancement provider -->
  <EnhancementIdentity> StringRestricted150Type </EnhancementIdentity> [1]

  <!-- Section 3 - Item E - 62(n) (ii) The type of enhancement -->
  <EnhancementType> StringRestricted150Type </EnhancementType> [1]

  <!-- Section 3 - Item E - 62(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 - 62 (n) Enhancement Credit Agency information details -->
  <EnhancementCreditAgencyNameAndRatingList> [0..1]
    <PFSection3ItemEEenhancementCreditAgencyNameAndRating> PFSection3ItemEEenhancementCreditAgencyNameAndRatingType
    </PFSection3ItemEEenhancementCreditAgencyNameAndRating> [0..*]
  </EnhancementCreditAgencyNameAndRatingList>

  <!-- Section 3 - Item E - 62(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="PFSection3ItemEEenhancementCreditAgencyNameAndRating"
            type="PFSection3ItemEEenhancementCreditAgencyNameAndRatingType" 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 - Q62m(i-iii) Liquidity Security Guarantee information details |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 62(m) (i) Identity of Guarantor -->
  <GuaranteeName> StringRestricted150Type </GuaranteeName> [1]

  <!-- Section 3 - Item D - 62(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 - 62 (m) (ii) Guarantee Credit Agency information details -->
  <GuaranteeCreditAgencyNameAndRatingList> [0..1]
    <PFSection3ItemEGuaranteeCreditAgencyNameAndRating> PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType
    </PFSection3ItemEGuaranteeCreditAgencyNameAndRating> [0..*]
  </GuaranteeCreditAgencyNameAndRatingList>

  <!-- Section 3 - Item D - 62(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 - 62 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 - Q62 (g) (v - xii) Liquidity Security Repo information details |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - Q62(g) (v) Name of the collateral issuer -->
  <IssuerName> StringRestricted150Type </IssuerName> [1]

  <!-- Section 3 - Item E - Q62(g) (vi) CUSIP -->
  <CUSIP> StringRestricted9Type </CUSIP> [0..1]

  <!-- Section 3 - Item E - Q62(g) (vii) LEI, if available -->
  <LEI> LEIType </LEI> [0..1]

  <!-- Section 3 - Item E - Q62(g) (viii) Maturity Date -->
  <MaturityDate> DateNAExType </MaturityDate> [0..1]

  <!-- Section 3 - Item E - Q62(g) (viii) If the Maturity Date is a date range, this element contains the start date -->
  <MaturityDateStart> DateNAExType </MaturityDateStart> [0..1]

  <!-- Section 3 - Item E - Q62(g) (viii) If the Maturity Date is a date range, this element contains the end date -->
  <MaturityDateEnd> DateNAExType </MaturityDateEnd> [0..1]

  <!-- Section 3 - Item E - Q62(g) (ix) Coupon or yield -->
  <Coupon> StringRestricted25Type </Coupon> [1]

  <!-- Section 3 - Item E - Q62(g) (x) Principal Amount -->
  <PrincipalAmount> PositiveDecimalNAExRestricted12p2RequiredDecimalType </PrincipalAmount> [1]

  <!-- Section 3 - Item E - Q62(g) (xi) Value of the collateral -->
  <CollateralValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </CollateralValue> [1]

  <!-- Section 3 - Item E - Q62(g) (xii) Repo Category -->
  <Category> RepoCategoryType </Category> [1]

  <!-- Section 3 - Item E - Q62(g) (xii) 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: PFSection3ItemFDispositionOfPortfolioSecuritiesType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |  |
|---------------|--|
| Name          | PFSection3ItemFDispositionOfPortfolioSecuritiesType  |
| Abstract      | no   |
| Documentation | (Schema Documentation Continued on the Next Page...) |

XML Instance Representation

```
<...>
  <!-- Section 3 - Item F - Q63 - Liquidity Fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]

  <!-- 63(a) U.S. Treasury Debt - 1st Month -->
  <USTreasDebtMonth1Amount> UnsignedDecimalRestricted14p2Type </USTreasDebtMonth1Amount> [0..1]

  <!-- 63(a) U.S. Treasury Debt - 2nd Month -->
  <USTreasDebtMonth2Amount> UnsignedDecimalRestricted14p2Type </USTreasDebtMonth2Amount> [0..1]

  <!-- 63(a) U.S. Treasury Debt - 3rd Month -->
  <USTreasDebtMonth3Amount> UnsignedDecimalRestricted14p2Type </USTreasDebtMonth3Amount> [0..1]

  <!-- 63(b) U.S. Government Agency Debt (if categorized as coupon-paying notes) - 1st Month -->
  <USGoveAgcyDebtMonth1Amount> UnsignedDecimalRestricted14p2Type </USGoveAgcyDebtMonth1Amount> [0..1]

  <!-- 63(b) U.S. Government Agency Debt (if categorized as coupon-paying notes) - 2nd Month -->
  <USGoveAgcyDebtMonth2Amount> UnsignedDecimalRestricted14p2Type </USGoveAgcyDebtMonth2Amount> [0..1]

  <!-- 63(b) U.S. Government Agency Debt (if categorized as coupon-paying notes) - 3rd Month -->
  <USGoveAgcyDebtMonth3Amount> UnsignedDecimalRestricted14p2Type </USGoveAgcyDebtMonth3Amount> [0..1]

  <!-- 63(c) U.S. Government Agency Debt (if categorized as no-coupon-discount notes) - 1st Month -->
  <USGoveAgcyDebtNoCpnMonth1Amount> UnsignedDecimalRestricted14p2Type </USGoveAgcyDebtNoCpnMonth1Amount> [0..1]

  <!-- 63(c) U.S. Government Agency Debt (if categorized as no-coupon-discount notes) - 2nd Month -->
  <USGoveAgcyDebtNoCpnMonth2Amount> UnsignedDecimalRestricted14p2Type </USGoveAgcyDebtNoCpnMonth2Amount> [0..1]

  <!-- 63(c) U.S. Government Agency Debt (if categorized as no-coupon-discount notes) - 3rd Month -->
  <USGoveAgcyDebtNoCpnMonth3Amount> UnsignedDecimalRestricted14p2Type </USGoveAgcyDebtNoCpnMonth3Amount> [0..1]

  <!-- 63(d) Non-U.S. Sovereign, SubSovereign and Supra-National debt - 1st Month -->
  <NonUsDebtMonth1Amount> UnsignedDecimalRestricted14p2Type </NonUsDebtMonth1Amount> [0..1]

  <!-- 63(d) Non-U.S. Sovereign, SubSovereign and Supra-National debt - 2nd Month -->
  <NonUsDebtMonth2Amount> UnsignedDecimalRestricted14p2Type </NonUsDebtMonth2Amount> [0..1]

  <!-- 63(d) Non-U.S. Sovereign, SubSovereign and Supra-National debt - 3rd Month -->
  <NonUsDebtMonth3Amount> UnsignedDecimalRestricted14p2Type </NonUsDebtMonth3Amount> [0..1]

  <!-- 63(e) Certificate of Deposit - 1st Month -->
  <CertOfDepositMonth1Amount> UnsignedDecimalRestricted14p2Type </CertOfDepositMonth1Amount> [0..1]

  <!-- 63(e) Certificate of Deposit - 2nd Month -->
  <CertOfDepositMonth2Amount> UnsignedDecimalRestricted14p2Type </CertOfDepositMonth2Amount> [0..1]

  <!-- 63(e) Certificate of Deposit - 3rd Month -->
  <CertOfDepositMonth3Amount> UnsignedDecimalRestricted14p2Type </CertOfDepositMonth3Amount> [0..1]

  <!-- 63(f) Non-Negotiable Time Deposit - 1st Month -->
  <NonNegTimeDepositMonth1Amount> UnsignedDecimalRestricted14p2Type </NonNegTimeDepositMonth1Amount> [0..1]

  <!-- 63(f) Non-Negotiable Time Deposit - 2nd Month -->
  <NonNegTimeDepositMonth2Amount> UnsignedDecimalRestricted14p2Type </NonNegTimeDepositMonth2Amount> [0..1]

  <!-- 63(f) Non-Negotiable Time Deposit - 3rd Month -->
  <NonNegTimeDepositMonth3Amount> UnsignedDecimalRestricted14p2Type </NonNegTimeDepositMonth3Amount> [0..1]

  <!-- 63(g) Variable Rate Demand Note - 1st Month -->
  <VarRateDemandNoteMonth1Amount> UnsignedDecimalRestricted14p2Type </VarRateDemandNoteMonth1Amount> [0..1]

  <!-- 63(g) Variable Rate Demand Note - 2nd Month -->
  <VarRateDemandNoteMonth2Amount> UnsignedDecimalRestricted14p2Type </VarRateDemandNoteMonth2Amount> [0..1]

  <!-- 63(g) Variable Rate Demand Note - 3rd Month -->
  <VarRateDemandNoteMonth3Amount> UnsignedDecimalRestricted14p2Type </VarRateDemandNoteMonth3Amount> [0..1]

  <!-- 63(h) Other Municipal Security - 1st Month -->
  <OtherMncplSecurityMonth1Amount> UnsignedDecimalRestricted14p2Type </OtherMncplSecurityMonth1Amount> [0..1]

  <!-- 63(h) Other Municipal Security - 2nd Month -->
  <OtherMncplSecurityMonth2Amount> UnsignedDecimalRestricted14p2Type </OtherMncplSecurityMonth2Amount> [0..1]

  <!-- 63(h) Other Municipal Security - 3rd Month -->
  <OtherMncplSecurityMonth3Amount> UnsignedDecimalRestricted14p2Type </OtherMncplSecurityMonth3Amount> [0..1]

  <!-- 63(i) Asset Backed Commercial Paper - 1st Month -->
  <AssetBackedCommercialPaperMonth1Amount> UnsignedDecimalRestricted14p2Type </AssetBackedCommercialPaperMonth1Amount> [0..1]
```

```

<!-- 63(i) Asset Backed Commercial Paper - 2nd Month -->
<AssetBackedCommercialPaperMonth2Amount> UnsignedDecimalRestricted14p2Type </AssetBackedCommercialPaperMonth2Amount>
[0..1]

<!-- 63(i) Asset Backed Commercial Paper - 3rd Month -->
<AssetBackedCommercialPaperMonth3Amount> UnsignedDecimalRestricted14p2Type </AssetBackedCommercialPaperMonth3Amount>
[0..1]

<!-- 63(j) Other Asset Backed Securities - 1st Month
-->
<OtherAssetBackedSecuritiesMonth1Amount> UnsignedDecimalRestricted14p2Type </OtherAssetBackedSecuritiesMonth1Amount>
[0..1]

<!-- 63(j) Other Asset Backed Securities - 2nd Month
-->
<OtherAssetBackedSecuritiesMonth2Amount> UnsignedDecimalRestricted14p2Type </OtherAssetBackedSecuritiesMonth2Amount>
[0..1]

<!-- 63(j) Other Asset Backed Securities - 3rd Month
-->
<OtherAssetBackedSecuritiesMonth3Amount> UnsignedDecimalRestricted14p2Type </OtherAssetBackedSecuritiesMonth3Amount>
[0..1]

<!-- 63(k) U.S. Treasury Repo, if collateralized only by U.S. Treasuries (including Strips) and cash - 1st Month
-->
<USTreasuryRepoMonth1Amount> UnsignedDecimalRestricted14p2Type </USTreasuryRepoMonth1Amount> [0..1]

<!-- 63(k) U.S. Treasury Repo, if collateralized only by U.S. Treasuries (including Strips) and cash - 2nd Month
-->
<USTreasuryRepoMonth2Amount> UnsignedDecimalRestricted14p2Type </USTreasuryRepoMonth2Amount> [0..1]

<!-- 63(k) U.S. Treasury Repo, if collateralized only by U.S. Treasuries (including Strips) and cash - 3rd Month
-->
<USTreasuryRepoMonth3Amount> UnsignedDecimalRestricted14p2Type </USTreasuryRepoMonth3Amount> [0..1]

<!-- 63(l) U.S. Government Agency Repo, collateralized only by U.S. Government Agency securities, U.S. Treasuries, and
cash - 1st Month
-->
<USGovAgencyRepoMonth1Amount> UnsignedDecimalRestricted14p2Type </USGovAgencyRepoMonth1Amount> [0..1]

<!-- 63(l) U.S. Government Agency Repo, collateralized only by U.S. Government Agency securities, U.S. Treasuries, and
cash - 2nd Month
-->
<USGovAgencyRepoMonth2Amount> UnsignedDecimalRestricted14p2Type </USGovAgencyRepoMonth2Amount> [0..1]

<!-- 63(l) U.S. Government Agency Repo, collateralized only by U.S. Government Agency securities, U.S. Treasuries, and
cash - 3rd Month
-->
<USGovAgencyRepoMonth3Amount> UnsignedDecimalRestricted14p2Type </USGovAgencyRepoMonth3Amount> [0..1]

<!-- 63(m) Other Repo, if any collateral falls outside Treasury, Government Agency and cash - 1st Month
-->
<OtherRepoMonth1Amount> UnsignedDecimalRestricted14p2Type </OtherRepoMonth1Amount> [0..1]

<!-- 63(m) Other Repo, if any collateral falls outside Treasury, Government Agency and cash - 2nd Month
-->
<OtherRepoMonth2Amount> UnsignedDecimalRestricted14p2Type </OtherRepoMonth2Amount> [0..1]

<!-- 63(m) Other Repo, if any collateral falls outside Treasury, Government Agency and cash - 3rd Month
-->
<OtherRepoMonth3Amount> UnsignedDecimalRestricted14p2Type </OtherRepoMonth3Amount> [0..1]

<!-- 63(n) Insurance Company Funding Agreement - 1st Month
-->
<InsuranceCoFundingAgrmntMonth1Amount> UnsignedDecimalRestricted14p2Type </InsuranceCoFundingAgrmntMonth1Amount>
[0..1]

<!-- 63(n) Insurance Company Funding Agreement - 2nd Month
-->
<InsuranceCoFundingAgrmntMonth2Amount> UnsignedDecimalRestricted14p2Type </InsuranceCoFundingAgrmntMonth2Amount>
[0..1]

<!-- 63(n) Insurance Company Funding Agreement - 3rd Month
-->
<InsuranceCoFundingAgrmntMonth3Amount> UnsignedDecimalRestricted14p2Type </InsuranceCoFundingAgrmntMonth3Amount>
[0..1]

<!-- 63(o) Investment Company - 1st Month
-->
<InvestmentCompanyMonth1Amount> UnsignedDecimalRestricted14p2Type </InvestmentCompanyMonth1Amount> [0..1]

<!-- 63(o) Investment Company - 2nd Month
-->
<InvestmentCompanyMonth2Amount> UnsignedDecimalRestricted14p2Type </InvestmentCompanyMonth2Amount> [0..1]

<!-- 63(o) Investment Company - 3rd Month
-->
<InvestmentCompanyMonth3Amount> UnsignedDecimalRestricted14p2Type </InvestmentCompanyMonth3Amount> [0..1]

<!-- 63(p) Financial Company Commercial Paper - 1st Month
-->
<FinancialCoCommercialPaperMonth1Amount> UnsignedDecimalRestricted14p2Type </FinancialCoCommercialPaperMonth1Amount>
[0..1]

```



```

<!-- 63(p) Financial Company Commercial Paper - 2nd Month
-->
<FinancialCoCommercialPaperMonth2Amount> UnsignedDecimalRestricted14p2Type </FinancialCoCommercialPaperMonth2Amount>
[0..1]
<!-- 63(p) Financial Company Commercial Paper - 3rd Month
-->
<FinancialCoCommercialPaperMonth3Amount> UnsignedDecimalRestricted14p2Type </FinancialCoCommercialPaperMonth3Amount>
[0..1]
<!-- 63(q) Non-Financial Company Commercial Paper - 1st Month
-->
<NonFinancialCoCommercialPaperMonth1Amount> UnsignedDecimalRestricted14p2Type
</NonFinancialCoCommercialPaperMonth1Amount> [0..1]
<!-- 63(q) Non-Financial Company Commercial Paper - 2nd Month
-->
<NonFinancialCoCommercialPaperMonth2Amount> UnsignedDecimalRestricted14p2Type
</NonFinancialCoCommercialPaperMonth2Amount> [0..1]
<!-- 63(q) Non-Financial Company Commercial Paper - 3rd Month
-->
<NonFinancialCoCommercialPaperMonth3Amount> UnsignedDecimalRestricted14p2Type
</NonFinancialCoCommercialPaperMonth3Amount> [0..1]
<!-- 63(r) Tender Option Bond - 1st Month
-->
<TenderOptionBondMonth1Amount> UnsignedDecimalRestricted14p2Type </TenderOptionBondMonth1Amount> [0..1]
<!-- 63(r) Tender Option Bond - 2nd Month
-->
<TenderOptionBondMonth2Amount> UnsignedDecimalRestricted14p2Type </TenderOptionBondMonth2Amount> [0..1]
<!-- 63(r) Tender Option Bond - 3rd Month
-->
<TenderOptionBondMonth3Amount> UnsignedDecimalRestricted14p2Type </TenderOptionBondMonth3Amount> [0..1]
<!-- 63(s) Other Instrument - 1st Month
-->
<OtherInstrumentMonth1Amount> UnsignedDecimalRestricted14p2Type </OtherInstrumentMonth1Amount> [0..1]
<!-- 63(s) Other Instrument - 2nd Month
-->
<OtherInstrumentMonth2Amount> UnsignedDecimalRestricted14p2Type </OtherInstrumentMonth2Amount> [0..1]
<!-- 63(s) Other Instrument - 3rd Month
-->
<OtherInstrumentMonth3Amount> UnsignedDecimalRestricted14p2Type </OtherInstrumentMonth3Amount> [0..1]
<!-- 63(s) Other Instrument - Description
-->
<OtherInstrumentDescription> StringRestricted256Type </OtherInstrumentDescription> [0..1]
</...>

```

## Schema Component Representation

```

<xsd:complexType name="PFSection3ItemFDDispositionOfPortfolioSecuritiesType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="USTreasDebtMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="USTreasDebtMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="USTreasDebtMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="USGoveAgcyDebtMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="USGoveAgcyDebtMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="USGoveAgcyDebtMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="USGoveAgcyDebtNoCpnMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="USGoveAgcyDebtNoCpnMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="USGoveAgcyDebtNoCpnMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="NonUsDebtMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="NonUsDebtMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="NonUsDebtMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CertOfDepositMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CertOfDepositMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CertOfDepositMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="NonNegTimeDepositMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="NonNegTimeDepositMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="NonNegTimeDepositMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="VarRateDemandNoteMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"

```

```

maxOccurs="1"/>
<xsd:element name="VarRateDemandNoteMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="VarRateDemandNoteMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherMncplSecurityMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherMncplSecurityMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherMncplSecurityMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="AssetBackedCommercialPaperMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="AssetBackedCommercialPaperMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="AssetBackedCommercialPaperMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherAssetBackedSecuritiesMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherAssetBackedSecuritiesMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherAssetBackedSecuritiesMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="USTreasuryRepoMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="USTreasuryRepoMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="USTreasuryRepoMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="USGovAgencyRepoMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="USGovAgencyRepoMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="USGovAgencyRepoMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherRepoMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
<xsd:element name="OtherRepoMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
<xsd:element name="OtherRepoMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0" maxOccurs="1"/>
<xsd:element name="InsuranceCoFundingAgrmntMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="InsuranceCoFundingAgrmntMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="InsuranceCoFundingAgrmntMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="InvestmentCompanyMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="InvestmentCompanyMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="InvestmentCompanyMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="FinancialCoCommercialPaperMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="FinancialCoCommercialPaperMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="FinancialCoCommercialPaperMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="NonFinancialCoCommercialPaperMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="NonFinancialCoCommercialPaperMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="NonFinancialCoCommercialPaperMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="TenderOptionBondMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="TenderOptionBondMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="TenderOptionBondMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherInstrumentMonth1Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherInstrumentMonth2Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherInstrumentMonth3Amount" type="UnsignedDecimalRestricted14p2Type" minOccurs="0"
maxOccurs="1"/>
<xsd:element name="OtherInstrumentDescription" type="StringRestricted256Type" minOccurs="0" maxOccurs="1"/>
</xsd:sequence>
</xsd:complexType>

```

Complex Type: **PFSection3ItemGLiquidityParallelMoneyMarketInfoType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection3ItemGLiquidityParallelMoneyMarketInfoType                               |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 3 - Item G - 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="PFSection3ItemGLiquidityParallelMoneyMarketInfoType">
  <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: PFSection4ItemBCertainInformationType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemBCertainInformationType                                 |
| Abstract      | no  |
| Documentation | Section 4 - Item B - Certain information regarding the reporting fund |

XML Instance Representation

```
<...>
  <!-- Private (or Other) fund identification number of the reporting fund included in Section 4
  -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q66 - Indicate the investment strategy that best describe the investment strategy by percent of deployed capital,
  during the reporting period. If the reporting fund engages in more than one strategy, provide a good faith estimate of
  the percentage of the deployed capital represented by each strategy.
  -->
  <FinancingInvestmentStrategyPercents> FinancingInvestmentStrategyPercentsType </FinancingInvestmentStrategyPercents>
  [1]
  <!-- Q67 - Identify, by ISO country code, each country to which the reporting fund investments in portfolio companies
  represent exposure of 10 pct or more of the reporting fund's net asset value.
  -->
  <FinancingInvestmentCountryPortfolios> FinancingInvestmentCountryPortfoliosType
  </FinancingInvestmentCountryPortfolios> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemBCertainInformationType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="FinancingInvestmentStrategyPercents" type="FinancingInvestmentStrategyPercentsType"/>
    <xsd:element name="FinancingInvestmentCountryPortfolios" type="FinancingInvestmentCountryPortfoliosType"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection4ItemBPrivateEquityFinancingCountryPortfolioType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemBPrivateEquityFinancingCountryPortfolioType |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item B.       |

XML Instance Representation

```
<...>
  <!-- Q67 - CountryCode Refer CountryCodeType for details.
  -->
  <CountryCode> CountryCodeType </CountryCode> [1]
  <!-- Q67 - Percent of NAV
  -->
  <PercentageAmount> PositiveIntRestricted10PercentType </PercentageAmount> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemBPrivateEquityFinancingCountryPortfolioType">
  <xsd:sequence>
    <xsd:element name="CountryCode" type="CountryCodeType"/>
    <xsd:element name="PercentageAmount" type="PositiveIntRestricted10PercentType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection4ItemBPrivateEquityInvestmentStrategyPercentType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemBPrivateEquityInvestmentStrategyPercentType |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item B.       |

XML Instance Representation

```
<...>
  <!-- Q66 - Investment strategy id. Refer InvestmentStrategyType for details.
  -->
  <InvestmentStrategyId> InvestmentStrategyType </InvestmentStrategyId> [1]
  <!-- Q66 - Percent of Capital
  -->
  <PercentageAmount> PercentType3 </PercentageAmount> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemBPrivateEquityInvestmentStrategyPercentType">
  <xsd:sequence>
    <xsd:element name="InvestmentStrategyId" type="InvestmentStrategyType"/>
    <xsd:element name="PercentageAmount" type="PercentType3" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection4ItemCPrivateEquityBorrowingTypeOfFinancingType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |  |
|---------------|--|
| Name          | PFSection4ItemCPrivateEquityBorrowingTypeOfFinancingType |
| Abstract      | no   |
| Documentation | Elements of this type represent Section 4 - Item C.      |

XML Instance Representation

```
<...>
  <!-- Q68(g) - Type of Financing
  -->
  <FinancingTypeId> FinancingType </FinancingTypeId> [1]
  <!-- Q68(g) - Total amount available (in dollars)
  -->
  <TotalAmountAvailable> UnsignedLongRestricted15Type </TotalAmountAvailable> [0..1]
  <!-- Q68(g) - Average borrowed over the reporting period (in dollars)
  -->
  <AverageAmountBorrowed> UnsignedLongRestricted15Type </AverageAmountBorrowed> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemCPrivateEquityBorrowingTypeOfFinancingType">
  <xsd:sequence>
    <xsd:element name="FinancingTypeId" type="FinancingType"/>
    <xsd:element name="TotalAmountAvailable" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="AverageAmountBorrowed" type="UnsignedLongRestricted15Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection4ItemCPrivateEquityDefaultEventNatureType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemCPrivateEquityDefaultEventNatureType  |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item C. |

XML Instance Representation

```
<...>
  <!-- Q77(a) -
  -->
  <EventTypeId> DefaultEventCodeType </EventTypeId> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemCPrivateEquityDefaultEventNatureType">
  <xsd:sequence>
    <xsd:element name="EventTypeId" type="DefaultEventCodeType" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection4ItemCPrivateEquityFinancingBorrowingType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |  |
|----------|--|
| Name     | PFSection4ItemCPrivateEquityFinancingBorrowingType |
| Abstract | no   |

XML Instance Representation

```
<...>
  <!-- Q68(a) Dollar amount of total borrowings
  -->
  <TotalBorrowings> UnsignedLongRestricted15Type </TotalBorrowings> [0..1]
  <!-- Q68(b) Percentage borrowed from U.S. financial institutions
  -->
  <PercentageBorrowedFromUSFinancialInstitution> PercentType </PercentageBorrowedFromUSFinancialInstitution> [0..1]
  <!-- Q68(c) Percentage borrowed from non-U.S. financial institutions
  -->
  <PercentageBorrowedFromNonUSFinancialInstitution> PercentType </PercentageBorrowedFromNonUSFinancialInstitution>
  [0..1]
  <!-- Q68(d) Percentage borrowed from U.S. creditors that are not financial institutions
  -->
  <PercentageBorrowedFromUSCreditorNonFinancialInstitution> PercentType
  </PercentageBorrowedFromUSCreditorNonFinancialInstitution> [0..1]
  <!-- Q68(e) Percentage borrowed from non-U.S. creditors that are not financial institutions
  -->
  <PercentageBorrowedFromNonUSCreditorNotFinancialInstitution> PercentType
  </PercentageBorrowedFromNonUSCreditorNotFinancialInstitution> [0..1]
  <!-- Q68(f) Does the reporting fund's borrow or have the ability to borrow
  -->
  <IsReportingFundBorrow> xsd:boolean </IsReportingFundBorrow> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemCPrivateEquityFinancingBorrowingType">
  <xsd:sequence>
    <xsd:element name="TotalBorrowings" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="PercentageBorrowedFromUSFinancialInstitution" type="PercentType" minOccurs="0"/>
    <xsd:element name="PercentageBorrowedFromNonUSFinancialInstitution" type="PercentType" minOccurs="0"/>
    <xsd:element name="PercentageBorrowedFromUSCreditorNonFinancialInstitution" type="PercentType" minOccurs="0"/>
    <xsd:element name="PercentageBorrowedFromNonUSCreditorNotFinancialInstitution" type="PercentType" minOccurs="0"/>
    <xsd:element name="IsReportingFundBorrow" type="xsd:boolean" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection4ItemCPrivateEquityFinancingLoanType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |  |
|---------------|--|
| Name          | PFSection4ItemCPrivateEquityFinancingLoanType  |
| Abstract      | no   |
| Documentation | Elements of this type represent Q78(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

```
<...>
  <!-- Q78(b) Legal Name of Counterparty -->
  <CounterpartyLegalName> StringRestricted256Type </CounterpartyLegalName> [0..1]

  <!-- Q78(b) LEI, if any -->
  <LEI> LEIType </LEI> [0..1]

  <!-- Q78(b) Indicate below if the counterparty is affiliated with a major financial institution -->
  <AffiliatedFinancialInstitution> CreditorCounterpartyType </AffiliatedFinancialInstitution> [0..1]

  <!-- Q78(b) Outstanding amount of financing -->
  <DrawnAmount> LongRestricted15Type </DrawnAmount> [0..1]

  <!-- Q78(b) Amount of commitment, if undrawn -->
  <UndrawnAmount> LongRestricted15Type </UndrawnAmount> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemCPrivateEquityFinancingLoanType">
  <xsd:sequence>
    <xsd:element name="CounterpartyLegalName" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="LEI" type="LEIType" minOccurs="0"/>
    <xsd:element name="AffiliatedFinancialInstitution" type="CreditorCounterpartyType" minOccurs="0"/>
    <xsd:element name="DrawnAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="UndrawnAmount" type="LongRestricted15Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection4ItemCPrivateEquityFinancingType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemCPrivateEquityFinancingType           |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item C. |

XML Instance Representation

```
<...>
  <!-- Private (or Other) fund identification number of the reporting fund included in Section 4 -->
  <FundID> FundIDType </FundID> [1]

  <!-- Q68 (a) to (f) -->
  <PrivateEquityFinancingBorrowing> PFSection4ItemCPrivateEquityFinancingBorrowingType
  </PrivateEquityFinancingBorrowing> [0..1]

  <!-- Q68(g) -->
  <BorrowingTypeOfFinancings> BorrowingTypeOfFinancingsType </BorrowingTypeOfFinancings> [0..1]

  <!-- Q69(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> [0..1]

  <!-- Q69(b) Total outstanding balance of loan or other borrowing facilities as a dollar value -->
  <ObligatedTotalValue> PositiveLongRestricted15Type </ObligatedTotalValue> [0..1]

  <!-- Q70 The weighted average debt-to-equity ratio of the controlled portfolio companies in which the reporting fund
  invests -->
  <PortfolioCompanyDebtEquityRatioAverage> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioAverage> [0..1]

  <!-- Q71 The highest debt-to-equity ratio of any controlled portfolio company in which the reporting fund invests -->
  <PortfolioCompanyDebtEquityRatioHighest> PositiveDecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioHighest>
  [0..1]

  <!-- Q72 The lowest debt-to-equity ratio of the controlled portfolio company in which the reporting fund invests -->
  <PortfolioCompanyDebtEquityRatioLowest> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioLowest> [0..1]

  <!-- Q73 The aggregate gross asset value of the reporting fund's controlled portfolio companies -->
  <PortfolioCompanyAggregateGrossAssetValue> LongRestricted15Type </PortfolioCompanyAggregateGrossAssetValue> [0..1]

  <!-- Q74 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> [0..1]

  <!-- Q75 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> [0..1]

  <!-- Q76 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> [0..1]

  <!-- Q77 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> [0..1]

  <!-- Q77(a) Default Events
  -->
  <DefaultEventNatures> DefaultEventNaturesType </DefaultEventNatures> [0..1]

  <!-- Q78(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> [0..1]

  <!-- Q78(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]
    <PFSection4ItemCPrivateEquityFinancingLoan> PFSection4ItemCPrivateEquityFinancingLoanType
    </PFSection4ItemCPrivateEquityFinancingLoan> [0..*]
  </FinancingLoans>
</...>
```

```

<xsd:complexType name="PFSection4ItemCPrivateEquityFinancingType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="PrivateEquityFinancingBorrowing" type="PFSection4ItemCPrivateEquityFinancingBorrowingType"
      minOccurs="0"/>
    <xsd:element name="BorrowingTypeOfFinancings" type="BorrowingTypeOfFinancingsType" minOccurs="0"/>
    <xsd:element name="IsObligatedToPortfolioCompany" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="ObligatedTotalValue" type="PositiveLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioAverage" type="DecimalRestricted15p1Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioHighest" type="PositiveDecimalRestricted15p1Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioLowest" type="DecimalRestricted15p1Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyAggregateGrossAssetValue" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsCurrent" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsLongTerm" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsPIKPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyDefaultFlag" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="DefaultEventNatures" type="DefaultEventNaturesType" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyHasBridgeLoans" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="FinancingLoans" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection4ItemCPrivateEquityFinancingLoan"
            type="PFSection4ItemCPrivateEquityFinancingLoanType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: PFSection4ItemDMiscInformationAboutQuestionType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemDMiscInformationAboutQuestionType     |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item D. |

XML Instance Representation

```
<...>
  <!-- Q83 - Question number -->
  <QuestionNumber> MiscInfoQuestionsNumberType </QuestionNumber> [0..1]
  <!-- Q83 - Description
  -->
  <Description> StringRestricted10000Type </Description> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemDMiscInformationAboutQuestionType">
  <xsd:sequence>
    <xsd:element name="QuestionNumber" type="MiscInfoQuestionsNumberType" minOccurs="0"/>
    <xsd:element name="Description" type="StringRestricted10000Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection4ItemDPortfolioCompanyInvestmentExposureType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemDPortfolioCompanyInvestmentExposureType |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item D.   |

XML Instance Representation

```
<...>
  <!-- Private (or Other) fund identification number of the reporting fund included in Section 4 -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q79(a) - Is any of the reporting fund's controlled portfolio companies a financial industry portfolio company? -->
  <PortfolioCompanyFinancialIndustryFlag> xsd:boolean </PortfolioCompanyFinancialIndustryFlag> [0..1]
  <!-- Q79(b) - If you responded "yes" to Question 79(a), PortfolioCompanyFinancialIndustryFlag, then for each of the
  reporting fund's controlled portfolio companies that constitutes a financial industry portfolio company, provide the
  following information. -->
  <FinancingCompanies> FinancingCompaniesType </FinancingCompanies> [0..1]
  <!-- Q80 - Provide a breakdown of the reporting fund's investments in portfolio companies by industry, based on the
  NAICS codes of the companies.
  (The total should add up to 100%.) -->
  <InvestmentIndustries> InvestmentIndustriesType </InvestmentIndustries> [0..1]
  <!-- Q81 - If you or any of your related persons (other than the reporting fund) invest in any companies that are
  portfolio companies of the reporting fund, provide the aggregate dollar amount of these investments. -->
  <PortfolioCompanyInvestedAmount> PositiveLongRestricted15Type </PortfolioCompanyInvestedAmount> [0..1]
  <!-- Q82 - Clawbacks -->
  <Clawbacks> ClawbacksType </Clawbacks> [0..1]
  <!-- Q83 - Misc Information list -->
  <MiscInfoList> QuestionsType </MiscInfoList> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemDPortfolioCompanyInvestmentExposureType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="PortfolioCompanyFinancialIndustryFlag" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="FinancingCompanies" type="FinancingCompaniesType" minOccurs="0"/>
    <xsd:element name="InvestmentIndustries" type="InvestmentIndustriesType" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyInvestedAmount" type="PositiveLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="Clawbacks" type="ClawbacksType" minOccurs="0"/>
    <xsd:element name="MiscInfoList" type="QuestionsType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection4ItemDPrivateEquityFinancingFinancialCompanyType

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemDPrivateEquityFinancingFinancialCompanyType |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item D.       |

XML Instance Representation

```
<...>
  <!-- Q79(b) Legal Name -->
  <LegalName> StringRestricted256Type </LegalName> [1]

  <!-- Q79(b) Address - Number and Street 1 -->
  <Street1Name> StringRestricted50Type </Street1Name> [1]

  <!-- Q79(b) Address - Number and Street 2 -->
  <Street2Name> StringRestricted50Type </Street2Name> [0..1]

  <!-- Q79(b) Address - City -->
  <CityName> StringRestricted50Type </CityName> [1]

  <!-- Q79(b) Address - State -->
  <StateCode> StateCodeType </StateCode> [0..1]

  <!-- Q79(b) Address - Country -->
  <CountryCode> CountryCodeType </CountryCode> [1]

  <!-- Q79(b) Address - Zip -->
  <PostalCode> StringRestricted11Type </PostalCode> [0..1]

  <!-- Q79(b) NAICS code -->
  <NAICSCode> NAICSCodeType </NAICSCode> [1]

  <!-- Q79(b) LEI -->
  <LEI> LEIType </LEI> [0..1]

  <!-- Q79(b) Debt-to-equity ratio of portfolio company -->
  <PortfolioCompanyDebtEquityRatio> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatio> [1]

  <!-- Q79(b) Gross asset value of portfolio company -->
  <PortfolioCompanyGrossAssetValue> LongRestricted15Type </PortfolioCompanyGrossAssetValue> [1]

  <!-- Q79(b) % of reporting fund's gross assets invested in this portfolio company -->
  <PortfolioCompanyGrossAssetValueInvestedPercent> PercentType </PortfolioCompanyGrossAssetValueInvestedPercent> [1]

  <!-- Q79(b) % of portfolio company beneficially owned by the reporting fund -->
  <PortfolioCompanyBeneficiallyOwned> PercentType </PortfolioCompanyBeneficiallyOwned> [1]

</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemDPrivateEquityFinancingFinancialCompanyType">
  <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: **PFSection4ItemDPrivateEquityInvestmentIndustryType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemDPrivateEquityInvestmentIndustryType  |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item D. |

XML Instance Representation

```
<...>
  <!-- Q80 NAICS Code -->
  <NAICSCode> NAICSCodeType </NAICSCode> [1]
  <!-- Q80 % of reporting fund's total portfolio company investments -->
  <NAICSInvestmentPercent> PercentType </NAICSInvestmentPercent> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemDPrivateEquityInvestmentIndustryType">
  <xsd:sequence>
    <xsd:element name="NAICSCode" type="NAICSCodeType" />
    <xsd:element name="NAICSInvestmentPercent" type="PercentType" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection4ItemDPrivateEquityPartnerClawbackType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|               |   |
|---------------|---|
| Name          | PFSection4ItemDPrivateEquityPartnerClawbackType     |
| Abstract      | no  |
| Documentation | Elements of this type represent Section 4 - Item B. |

XML Instance Representation

```
<...>
  <!-- Q82(a) Effective Date -->
  <EffectiveDate> xsd:date </EffectiveDate> [0..1]
  <!-- Q82(b) - Type of clawback -->
  <ClawbackType> ClawbackType </ClawbackType> [0..1]
  <!-- Q82(c) - Reason for clawback -->
  <ClawbackReason> StringRestricted10000Type </ClawbackReason> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemDPrivateEquityPartnerClawbackType">
  <xsd:sequence>
    <xsd:element name="EffectiveDate" type="xsd:date" minOccurs="0"/>
    <xsd:element name="ClawbackType" type="ClawbackType" minOccurs="0"/>
    <xsd:element name="ClawbackReason" type="StringRestricted10000Type" minOccurs="0"/>
  </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: **QuestionsType**

|              |      |
|--------------|------|
| Super-types: | None |
| Sub-types:   | None |

|          |               |
|----------|---------------|
| Name     | QuestionsType |
| Abstract | no            |

XML Instance Representation

```
<...>
  <PFSection4ItemDMiscInfo> PFSection4ItemDMiscInformationAboutQuestionType </PFSection4ItemDMiscInfo> [0..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="QuestionsType">
  <xsd:sequence>
    <xsd:element name="PFSection4ItemDMiscInfo" type="PFSection4ItemDMiscInformationAboutQuestionType" minOccurs="0"
      maxOccurs="unbounded" />
  </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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>AdditionalAssetsInSidePocketCodeType</b> (by restriction) |
| Sub-types:   | None  |

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

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Simple Type: AlternateTextType

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>AlternateTextType</b> (by restriction) |
| Sub-types:   | None   |

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

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>AssetFundsFundTypeType</b> (by restriction) |
| Sub-types:   | None  |

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

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>BooleanYNTYPE</b> (by restriction) |
| Sub-types:   | None   |

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

Schema Component Representation

```
<xsd:simpleType name="BooleanYNTYPE">  
  <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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CalculationMethodCodeType</b> (by restriction) |
| Sub-types:   | None   |

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

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>ClawbackType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | ClawbackType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'G'   'L'}</li></ul> |
| Documentation | Elements of this type represent the Clawback Types.<br>Allowed values (code-description) are:<br>G - General Partner<br>L - Limited Partner                          |

Schema Component Representation

```
<xsd:simpleType name="ClawbackType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="G"/>
    <xsd:enumeration value="L"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: CountryCodeType

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CountryCodeType</b> (by restriction) |
| Sub-types:   | None   |

|               |   |
|---------------|---|
| Name          | CountryCodeType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value 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'}</li><li>length &lt;= 3</li></ul> |
| Documentation | <p>Elements of this type represent the allowed Current Country Codes.</p> <p>Allowed values (Country code-Country Name) are:</p> <p>USA - United States</p> <p>NON - Other</p> <p>AFG - Afghanistan</p> <p>ALA - Aland Islands</p> <p>ALB - Albania</p> <p>DZA - Algeria</p> <p>ASM - American Samoa</p> <p>AND - Andorra</p> <p>AGO - Angola</p> <p>AIA - Anguilla</p> <p>ATA - Antarctica</p> <p>ATG - Antigua and Barbuda</p> <p>ARG - Argentina</p> <p>ARM - Armenia</p> <p>ABW - Aruba</p> <p>AUS - Australia</p> <p>AUT - Austria</p> <p>AZE - Azerbaijan</p> <p>BHS - Bahamas, The</p> <p>BHR - Bahrain</p> <p>BGD - Bangladesh</p> <p>BRB - Barbados</p> <p>BLR - Belarus</p> <p>BEL - Belgium</p> <p>BLZ - Belize</p> <p>BEN - Benin</p> <p>BMU - Bermuda</p> <p>BTN - Bhutan</p> <p>BOL - Bolivia</p> <p>BES - Bonaire, Sint Eustatius and Saba</p> <p>BIH - Bosnia and Herzegovina</p> <p>BWA - Botswana</p> <p>BVT - Bouvet Island</p> <p>BRA - Brazil</p> <p>IOT - British Indian Ocean Territory (The)</p> <p>VGB - British Virgin Islands</p> <p>BRN - Brunei</p> <p>BGR - Bulgaria</p> <p>BFA - Burkina Faso</p> <p>MMR - Burma (Myanmar)</p> <p>BDI - Burundi</p> <p>KHM - Cambodia</p> <p>CMR - Cameroon</p> <p>CAN - Canada</p> <p>CPV - Cape Verde Islands</p>  |

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"/>
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    <xsd:enumeration value="ALB"/>
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    <xsd:enumeration value="AZE"/>
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    <xsd:enumeration value="BHR"/>
    <xsd:enumeration value="BGD"/>
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    <xsd:enumeration value="BEL"/>
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    <xsd:enumeration value="BMU"/>
    <xsd:enumeration value="BTN"/>
    <xsd:enumeration value="BOL"/>
    <xsd:enumeration value="BES"/>
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    <xsd:enumeration value="BWA"/>
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```

```
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<xsd:enumeration value="IRQ"/>
<xsd:enumeration value="IRL"/>
<xsd:enumeration value="IMN"/>
<xsd:enumeration value="ISR"/>
<xsd:enumeration value="ITA"/>
```

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<xsd:enumeration value="VCT" />
<xsd:enumeration value="WSM" />
<xsd:enumeration value="SMR" />
```

```
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<xsd:enumeration value="SAU" />
<xsd:enumeration value="SEN" />
<xsd:enumeration value="SRB" />
<xsd:enumeration value="SYC" />
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<xsd:enumeration value="UZB" />
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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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CreditorCounterpartyType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | CreditorCounterpartyType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value 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'}</li></ul>  |
| Documentation | <p>Elements of this type represent the major Creditor/Counterparty names.</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - Swiss Re</li><li>2 - Wells Fargo</li><li>3 - PIMCO</li><li>4 - BlackRock</li><li>5 - Natixsis</li><li>6 - Barclays</li><li>7 - Bank of America/Merrill Lynch</li><li>8 - Bank of New York</li><li>9 - BNP Paribas</li><li>10 - Calyon</li><li>11 - Cargill Financial Markets</li><li>12 - Citigroup</li><li>13 - Crédit Agricole</li><li>14 - Credit Suisse</li><li>15 - Deutsche Bank</li><li>16 - Dresdner/Commerz</li><li>17 - Fidelity</li><li>18 - Goldman Sachs</li><li>19 - HSBC</li><li>20 - JP Morgan</li><li>21 - Mitsubishi UFJ Financial Group</li><li>22 - Morgan Stanley</li><li>23 - New Edge</li><li>24 - Nomura</li><li>25 - Prudential</li><li>26 - Royal Bank of Canada</li><li>27 - Royal Bank of Scotland</li><li>28 - Société Générale</li><li>29 - State Street</li><li>30 - UBS</li><li>31 - NA</li><li>32 - Other</li></ul> |

```
<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"/>
    <xsd:enumeration value="7"/>
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    <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: **CreditorNameType**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CreditorNameType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | CreditorNameType  |
| Content       | <ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <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'}</li></ul>   |
| Documentation | <p>Elements of this type represent the major Financial Institutes.</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - SwissRe</li><li>2 - WellsFargo</li><li>3 - PIMCO</li><li>4 - BlackRock</li><li>5 - Natixsis</li><li>6 - Barclays</li><li>7 - BankofAmerica/MerrillLynch</li><li>8 - BankofNewYork</li><li>9 - BNPParibas</li><li>10 - Calyon</li><li>11 - CargillFinancialMarkets</li><li>12 - Citigroup</li><li>13 - CréditAgriculture</li><li>14 - CreditSuisse</li><li>15 - DeutscheBank</li><li>16 - Dresdner/Commerz</li><li>17 - Fidelity</li><li>18 - GoldmanSachs</li><li>19 - HSBC</li><li>20 - JPMorgan</li><li>21 - MitsubishiUFJFinancialGroup</li><li>22 - MorganStanley</li><li>23 - NewEdge</li><li>24 - Nomura</li><li>25 - Prudential</li><li>26 - RoyalBankofCanada</li><li>27 - RoyalBankofScotland</li><li>28 - SociétéGénérale</li><li>29 - StateStreet</li><li>30 - UBS</li><li>31 - NA</li><li>32 - Other</li></ul> |

```
<xsd:simpleType name="CreditorNameType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
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    <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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CurrencyCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | CurrencyCodeType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value 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'}</li></ul> |
| Documentation | <p>Elements of this type represent the Currency Code for submitting Hedge fund liquidity values.</p> <p>Allowed values (code-description) are:</p> <p>001-United States Dollar<br/>002-Afghanistan Afghani<br/>003-Albanian Lek<br/>004-Algerian Dinar<br/>005-Andorran Peseta<br/>006-Angolan Kwanza<br/>007-Anguillan Dollar<br/>008-Antiguan &amp; Barbudan Dollar<br/>009-Argentine Peso<br/>010-Armenian Dram<br/>011-Aruban Guilder<br/>012-Australian Dollar<br/>013-Austrian Schilling<br/>014-Azerbaijani New Manat<br/>015-Bahamas Dollar<br/>016-Bahraini Dinar<br/>017-Bangladesh Taka<br/>018-Barbadian Dollar<br/>019-Belarusian Ruble<br/>020-Belgian Franc<br/>021-Belizean Dollar<br/>022-Benin Franc<br/>023-Bermudian Dollar<br/>024-Bhutan Ngultrum<br/>025-Bolivian Boliviano<br/>026-Bosnia &amp; Herzegovinan Marka<br/>027-Botswanan Pula<br/>028-Brazilian Real<br/>029-British Indian Ocean Pound<br/>030-British Pound<br/>031-Brunei Dollar<br/>032-Bulgarian Lev<br/>033-Burkina Faso Franc<br/>034-Burundi Franc<br/>035-Cambodian Riel<br/>036-Cameroon Franc<br/>037-Canadian Dollar<br/>038-Canary Islands Euro<br/>039-Canton &amp; Enderbury Islands Pound<br/>040-Cape Verde Escudo<br/>041-Cayman Islands Dollar<br/>042-Central African Republic Franc<br/>043-CFA Franc BCEAO<br/>044-CFA Franc BEAC<br/>045-Chad Franc<br/>046-Chilean Peso<br/>047-Chinese Renminbi<br/>048-Christmas Island Dollar<br/>049-Cocos (Keeling) Island Dollar</p>   |

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-Micronesia 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 Lanka 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"/>  
    <xsd:enumeration value="002"/>  
    <xsd:enumeration value="003"/>  
    <xsd:enumeration value="004"/>  
    <xsd:enumeration value="005"/>  
    <xsd:enumeration value="006"/>  
    <xsd:enumeration value="007"/>  
    <xsd:enumeration value="008"/>  
    <xsd:enumeration value="009"/>  
    <xsd:enumeration value="010"/>  
    <xsd:enumeration value="011"/>  
    <xsd:enumeration value="012"/>  
    <xsd:enumeration value="013"/>  
    <xsd:enumeration value="014"/>  
    <xsd:enumeration value="015"/>  
    <xsd:enumeration value="016"/>  
    <xsd:enumeration value="017"/>  
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    <xsd:enumeration value="038"/>  
    <xsd:enumeration value="039"/>  
    <xsd:enumeration value="040"/>  
    <xsd:enumeration value="041"/>  
    <xsd:enumeration value="042"/>  
    <xsd:enumeration value="043"/>  
    <xsd:enumeration value="044"/>  
    <xsd:enumeration value="045"/>  
  </xsd:restriction>  
</xsd:simpleType>
```







```
<xsd:enumeration value="208"/>
<xsd:enumeration value="209"/>
<xsd:enumeration value="210"/>
<xsd:enumeration value="211"/>
<xsd:enumeration value="212"/>
<xsd:enumeration value="213"/>
<xsd:enumeration value="214"/>
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<xsd:enumeration value="236"/>
<xsd:enumeration value="237"/>
<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: | <a href="#">xs:decimal</a> < <b>DecimalRestricted10p2Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | DecimalRestricted10p2Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>-100000000000 &lt; <i>value</i> &lt; 100000000000</li><li><i>total no. of digits</i> = 12</li><li><i>no. of fraction digits</i> = 2</li></ul> |

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted10p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="12"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="100000000000"/>
    <xsd:minExclusive value="-100000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted12p2RequiredDecimalType**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:decimal</a> < <b>DecimalRestricted12p2RequiredDecimalType</b> (by restriction) |
| Sub-types:   | None  |

|         |  |
|---------|--|
| Name    | DecimalRestricted12p2RequiredDecimalType   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li><i>pattern</i> = <code>[+]?\d{0,12}(\.\d{2,2})</code></li><li><code>-10000000000000 &lt; value &lt; 10000000000000</code></li><li><i>total no. of digits</i> = 14</li><li><i>no. of fraction digits</i> = 2</li></ul> |

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted12p2RequiredDecimalType">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="14"/>
    <xsd:fractionDigits value="2"/>
    <xsd:minExclusive value="-10000000000000"/>
    <xsd:maxExclusive value="10000000000000"/>
    <xsd:pattern value="[+]?\d{0,12}(\.\d{2,2})"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p1Type**

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:decimal</a> < <b>DecimalRestricted15p1Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | DecimalRestricted15p1Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>-10000000000000000 &lt; <i>value</i> &lt; 10000000000000000</li><li><i>total no. of digits</i> = 16</li><li><i>no. of fraction digits</i> = 1</li></ul> |

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p1Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="16"/>
    <xsd:fractionDigits value="1"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minExclusive value="-10000000000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p2RequiredDecimalType**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:decimal</a> < <b>DecimalRestricted15p2RequiredDecimalType</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | DecimalRestricted15p2RequiredDecimalType  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li><i>pattern</i> = <code>[+]?[0-9]\d{0,14}(\.\d{2,2})</code></li><li><code>-1000000000000000 &lt; value &lt; 1000000000000000</code></li><li><i>total no. of digits</i> = 17</li><li><i>no. of fraction digits</i> = 2</li></ul> |

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: | <a href="#">xs:decimal</a> < <b>DecimalRestricted15p2Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | DecimalRestricted15p2Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>-10000000000000000 &lt; <i>value</i> &lt; 10000000000000000</li><li><i>total no. of digits</i> = 17</li><li><i>no. of fraction digits</i> = 2</li></ul> |

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="17"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minExclusive value="-10000000000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p4Type**

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:decimal</a> < <b>DecimalRestricted15p4Type</b> (by restriction) |
| Sub-types:   | None   |

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

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: | <a href="#">xs:decimal</a> < <b>DecimalRestricted3p2Type</b> (by restriction) |
| Sub-types:   | None  |

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

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]\{0,2\}(\.\{2,2\})"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DefaultEventCodeType**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>DefaultEventCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | DefaultEventCodeType  |
| Content       | <ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'1'   '2'   '3'}</li></ul>  |
| Documentation | Elements of this type represent the Defaut Event Types.<br>Allowed values (code-description) are:<br>1 - Payment default of the reporting fund<br>2 - Payment default of a controlled portfolio company<br>3 - A default relating to a failure to uphold terms under the applicable borrowing agreement, other than a failure to make regularly scheduled payments. |

Schema Component Representation

```
<xsd:simpleType name="DefaultEventCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="1"/>  
    <xsd:enumeration value="2"/>  
    <xsd:enumeration value="3"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: EmailType

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:string</a> < EmailType (by restriction) |
| Sub-types:   | None   |

|         |   |
|---------|---|
| Name    | EmailType   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>pattern = ([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_\-]+\.[0-9]{1,3}\.)([a-zA-Z]{2,4}[0-9]{1,3}\.))</li><li>length &lt;= 128</li></ul> |

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_\-]+\.[0-9]{1,3}\.)([a-zA-Z]{2,4}[0-9]{1,3}\.))"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **FinancingType**

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>FinancingType</b> (by restriction) |
| Sub-types:   | None   |

|               |   |
|---------------|---|
| Name          | FinancingType   |
| Content       | <ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• Whitespace policy: <a href="#">preserve</a></li><li>• value comes from list: {'1'   '2'   '3'   '4'}</li></ul>  |
| Documentation | Elements of this type represent the Financing Types.<br>Allowed values (code-description) are:<br>1 - Credit secured by the investments of the reporting fund<br>2 - Credit secured by unfunded commitments<br>3 - Credit secured by a combination of unfunded commitments and investments of the reporting fund<br>4 - Other |

Schema Component Representation

```
<xsd:simpleType name="FinancingType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="1"/>  
    <xsd:enumeration value="2"/>  
    <xsd:enumeration value="3"/>  
    <xsd:enumeration value="4"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: FundActionCodeType

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>FundActionCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | FundActionCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'RMV'}</li></ul>  |
| Documentation | <p>Fund action type codes. Allowed values (code-description) are:<br/>RMV - Remove fund from reporting<br/>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.</p> |

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: | <a href="#">xs:string</a> < FundIDType (by restriction) |
| Sub-types:   | None  |

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

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>FundTypeType</b> (by restriction) |
| Sub-types:   | None  |

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

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

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundCommodityPricesMarketFactorChangeCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | HedgeFundCommodityPricesMarketFactorChangeCodeType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'COMM_PRC_INC_10'   'COMM_PRC_DEC_10'   'COMM_PRC_INC_40'   'COMM_PRC_DEC_40'}</li></ul>   |
| 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:</p> <p>COMM_PRC_INC_10 - Commodity prices increase 10%</p> <p>COMM_PRC_DEC_10 - Commodity prices decrease 10%</p> <p>COMM_PRC_INC_40 - Commodity prices increase 40%</p> <p>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundCreditSpreadsMarketFactorChangeCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | HedgeFundCreditSpreadsMarketFactorChangeCodeType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'CRED_SPRD_INC_50'   'CRED_SPRD_DEC_50'   'CRED_SPRD_INC_250'   'CRED_SPRD_DEC_250'}</li></ul>   |
| 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:</p> <p>CRED_SPRD_INC_50 - Credit spreads increase 50bp</p> <p>CRED_SPRD_DEC_50 - Credit spreads decrease 50bp</p> <p>CRED_SPRD_INC_250 - Credit spreads increase 250bp</p> <p>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundCurrencyRatesMarketFactorChangeCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | HedgeFundCurrencyRatesMarketFactorChangeCodeType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'CURR_RT_INC_5'   'CURR_RT_DEC_5'   'CURR_RT_INC_20'   'CURR_RT_DEC_20'}</li></ul>   |
| 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:</p> <p>CURR_RT_INC_5 - Currency rates increase 5%</p> <p>CURR_RT_DEC_5 - Currency rates decrease 5%</p> <p>CURR_RT_INC_20 - Currency rates increase 20%</p> <p>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundDefaultRatesABSMarketFactorChangeCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | HedgeFundDefaultRatesABSMarketFactorChangeCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'DEF_RT_ABS_INC_1'   'DEF_RT_ABS_DEC_1'   'DEF_RT_ABS_INC_5'   'DEF_RT_ABS_DEC_5'}</li></ul>  |
| 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</p> <p>DEF_RT_ABS_DEC_1 - Default rates decrease 1 percentage point</p> <p>DEF_RT_ABS_INC_5 - Default rates increase 5 percentage points</p> <p>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundDefaultRatesCDsMarketFactorChangeCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | HedgeFundDefaultRatesCDsMarketFactorChangeCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value 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'}</li></ul>  |
| 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> <p>DEF_RT_CBND_CD_INC_1 - Default rates increase 1 percentage point</p> <p>DEF_RT_CBND_CD_DEC_1 - Default rates decrease 1 percentage point</p> <p>DEF_RT_CBND_CD_INC_5 - Default rates increase 5 percentage points</p> <p>DEF_RT_CBND_CD_DEC_5 - Default rates decrease 5 percentage points</p> |

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundEquityMarketFactorChangeCodeType</b> (by restriction) |
| Sub-types:   | None   |

|               |  |
|---------------|--|
| Name          | HedgeFundEquityMarketFactorChangeCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'EQT_PRC_INC_5'   'EQT_PRC_DEC_5'   'EQT_PRC_INC_20'   'EQT_PRC_DEC_20'}</li></ul>   |
| 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:<br/>EQT_PRC_INC_5 - Equity prices increase 5%<br/>EQT_PRC_DEC_5 - Equity prices decrease 5%<br/>EQT_PRC_INC_20 - Equity prices increase 20%<br/>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundMarketFactorRelevanceType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | HedgeFundMarketFactorRelevanceType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'NOT_RLVNT'   'RLVNT_NOT_TSTD'   'RLVNT_TSTD'}</li></ul>   |
| Documentation | Elements of this type represent the Market Factor Relevance Type for submitting Hedge fund positions.<br>Allowed values (code-description) are:<br>NOT_RLVNT - Not Relevant<br>RLVNT_NOT_TSTD - Relevant/ Not Formally Tested<br>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'OPT_IMP_VOL_INC_4'   'OPT_IMP_VOL_DEC_4'   'OPT_IMP_VOL_INC_10'   'OPT_IMP_VOL_DEC_10'}</li></ul>  |
| 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> <p>OPT_IMP_VOL_INC_4 - Implied volatilities increase 4 percentage points</p> <p>OPT_IMP_VOL_DEC_4 - Implied volatilities decrease 4 percentage points</p> <p>OPT_IMP_VOL_INC_10 - Implied volatilities increase 10 percentage points</p> <p>OPT_IMP_VOL_DEC_10 - Implied volatilities decrease 10 percentage points</p> |

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value 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'}</li></ul>  |
| 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<br/>RSK_FR_INT_RT_DEC_25 - Risk free interest rates decrease 25bp<br/>RSK_FR_INT_RT_INC_75 - Risk free interest rates increase 75bp<br/>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HighFreqTradingStrategyType</b> (by restriction) |
| Sub-types:   | None   |

|               |  |
|---------------|--|
| Name          | HighFreqTradingStrategyType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'0'   '1'   '2'   '3'   '4'   '5'   '6'}</li></ul>                         |
| Documentation | Elements of this type represent the high-frequency trading strategies<br>Allowed values (code-description) are:<br>0 - 0%<br>1 - less than 10%<br>2 - 10-25%<br>3 - 26-50%<br>4 - 51-75%<br>5 - 76-99%<br>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>InvestmentCategoryType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | InvestmentCategoryType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'US_TRSRY_DEBT'   'US_GOV_AGN_DEBT_CP'   'US_GOV_AGN_DEBT_NOCP'   'NON_US_SUB_SOV_NATL'   'CERT_DPST'   'NON_NEG_TM_DPST'   'VRBL_RT_DMND_NT'   'OTHER_MNCPL_SCRTY'   'ASSET_BCKD_CMRL'   'OTHER_ABS'   'US_TRSRY_REPO_2'   'US_GOVT_AGENCY_REPO_2'   'OTHER_REPO_2'   'INSRC_FUNDG_AGRMT'   'INVMT_CMPNY'   'FNNCL_CMPNY_CMRL'   'NON_FNNCL_CMRL'   'TNRD_OPTN_BOND'   'OTHER'}</li></ul>   |
| Documentation | <p>Elements of this type represent Investment Category Type (Section 3 - Item E - Q62(f) Investment Category )</p> <p>Allowed values (code-description) are:</p> <p>US_TRSRY_DEBT - U.S. Treasury Debt</p> <p>US_GOV_AGN_DEBT_CP - U.S. Government Agency Debt (if categorized as coupon-paying notes)</p> <p>US_GOV_AGN_DEBT_NOCP - U.S. Government Agency Debt (if categorized as no-coupon-discount notes)</p> <p>NON_US_SUB_SOV_NATL - Non-U.S. Sovereign, Sub-Sovereign and Supra-National debt</p> <p>CERT_DPST - Certificate of Deposit</p> <p>NON_NEG_TM_DPST - Non-Negotiable Time Deposit</p> <p>VRBL_RT_DMND_NT - Variable Rate Demand Note</p> <p>OTHER_MNCPL_SCRTY - Other Municipal Security</p> <p>ASSET_BCKD_CMRL - Asset Backed Commercial Paper</p> <p>OTHER_ABS - Other Asset Backed Securities</p> <p>US_TRSRY_REPO_2 - U.S. Treasury Repo Agreement, if collateralized only by U.S. Treasuries (including Strips) and cash</p> <p>US_GOVT_AGENCY_REPO_2 - U.S. Government Agency Repo Agreement, collateralized only by U.S. Government Agency securities, U.S. Treasuries, and cash</p> <p>OTHER_REPO_2 - Other Repo Agreement, if any collateral falls outside Treasury, Government Agency and cash</p> <p>INSRC_FUNDG_AGRMT - Insurance Company Funding Agreement</p> <p>INVMT_CMPNY - Investment Company</p> <p>FNNCL_CMPNY_CMRL - Financial Company Commercial Paper</p> <p>NON_FNNCL_CMRL - Non-Financial Company Commercial Paper</p> <p>TNRD_OPTN_BOND - Tender Option Bond</p> <p>OTHER - Other Instrument</p> |

Schema Component Representation

```
<xsd:simpleType name="InvestmentCategoryType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="US_TRSRY_DEBT" />
    <xsd:enumeration value="US_GOV_AGN_DEBT_CP" />
    <xsd:enumeration value="US_GOV_AGN_DEBT_NOCP" />
    <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_CMRL" />
    <xsd:enumeration value="OTHER_ABS" />
    <xsd:enumeration value="US_TRSRY_REPO_2" />
    <xsd:enumeration value="US_GOVT_AGENCY_REPO_2" />
    <xsd:enumeration value="OTHER_REPO_2" />
    <xsd:enumeration value="INSRC_FUNDG_AGRMT" />
    <xsd:enumeration value="INVMT_CMPNY" />
    <xsd:enumeration value="FNNCL_CMPNY_CMRL" />
    <xsd:enumeration value="NON_FNNCL_CMRL" />
    <xsd:enumeration value="TNRD_OPTN_BOND" />
    <xsd:enumeration value="OTHER" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: InvestmentGradeMeasureCodeType

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>InvestmentGradeMeasureCodeType</b> (by restriction) |
| Sub-types:   | None  |

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

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>InvestmentStrategyType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | InvestmentStrategyType   |
| Content       | <ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <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'   '33'   '34'   '35'   '36'   '37'   '38'   '39'   '40'   '41'   '42'   '43'   '44'   '45'   '46'   '47'   '48'   '49'   '50'   '51'   '52'   '53'   '54'   '55'   '56'   '57'   '58'   '59'   '60'   '61'   '62'   '63'   '64'   '65'}</li></ul>   |
| Documentation | <p>Elements of this type represent investment strategies</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - Annuity &amp; Life Insurance Policies</li><li>2 - Cash and cash equivalents</li><li>3 - Convertible Arbitrage</li><li>4 - Credit</li><li>5 - Credit, Asset Backed/Structured Products</li><li>6 - Credit, Asset Based Lending</li><li>7 - Credit, Emerging Markets</li><li>8 - Credit, Litigation Finance</li><li>9 - Credit, Long/Short</li><li>10 - Digital Assets</li><li>11 - Equity</li><li>12 - Equity, Emerging Markets</li><li>13 - Equity, Factor Driven</li><li>14 - Equity, Long Only</li><li>15 - Equity, Long/Short Long Bias</li><li>16 - Equity, Long/Short Market Neutral</li><li>17 - Equity, Long/Short Short Bias</li><li>18 - Equity, Statistical Arbitrage</li><li>19 - Event Driven</li><li>20 - Event Driven, Distressed</li><li>21 - Event Driven, Distressed/Restructuring</li><li>22 - Event Driven, Equity Special Situations</li><li>23 - Event Driven, Non-Equity Special Situations</li><li>24 - Event Driven, Risk Arbitrage/Merger Arbitrage</li><li>25 - General Partner Stakes Investments</li><li>26 - Investment in other funds</li><li>27 - Litigation Finance</li><li>28 - Macro</li><li>29 - Macro, Active Trading</li><li>30 - Macro, Commodity</li><li>31 - Macro, Currency</li><li>32 - Macro, Global Macro</li><li>33 - Managed Futures/CTA</li><li>34 - Managed Futures/CTA, Fundamental</li><li>35 - Managed Futures/CTA, Quantitative</li><li>36 - Other</li><li>37 - Private Credit</li><li>38 - Private Credit - Direct Lending/Mid Market Lending</li><li>39 - Private Credit - Distressed Debt</li><li>40 - Private Credit - Junior/Subordinate Debt</li><li>41 - Private Credit - Mezzanine Financing</li><li>42 - Private Credit - Other</li><li>43 - Private Credit - Senior Debt</li><li>44 - Private Credit - Senior Subordinated Debt</li><li>45 - Private Credit - Special Situations</li><li>46 - Private Credit - Venture Debt</li><li>47 - Private Equity</li><li>48 - Private Equity - Buyout</li><li>49 - Private Equity - Distressed</li><li>50 - Private Equity - Early Stage</li><li>51 - Private Equity - Expansion/Late Stage</li><li>52 - Private Equity - Growth</li><li>53 - Private Equity - Turnaround</li><li>54 - Private Equity -Private Investment in Public Equity</li><li>55 - Private Equity -Secondaries</li><li>56 - Real Assets Excluding Real Estate</li><li>57 - Real Estate</li><li>58 - Real Estate Investment Trusts</li><li>59 - Relative Value</li><li>60 - Relative Value, Fixed Income Arbitrage</li></ul> |

## Schema Component Representation

```
<xsd:simpleType name="InvestmentStrategyType">
  <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"/>
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    <xsd:enumeration value="32"/>
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    <xsd:enumeration value="56"/>
    <xsd:enumeration value="57"/>
    <xsd:enumeration value="58"/>
    <xsd:enumeration value="59"/>
    <xsd:enumeration value="60"/>
    <xsd:enumeration value="61"/>
    <xsd:enumeration value="62"/>
    <xsd:enumeration value="63"/>
    <xsd:enumeration value="64"/>
    <xsd:enumeration value="65"/>
  </xsd:restriction>
</xsd:simpleType>
```



Simple Type: **InvestorCategoryType**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>InvestorCategoryType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | InvestorCategoryType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'BANKG_INSTN'   'BD'   'FRGN_INSTN'   'GOVT_ENTTY'   'GOVT_PNSN'   'NON_PRFT'   'NON_US_NTMDY'   'NON_US_PERSN'   'NSRNC_CMPNY'   'NVSMT_CMPNY'   'PNSN_PLN'   'PRVT_FUND'   'US_PERSN'   'OTHER'}</li></ul>  |
| Documentation | <p>Elements of this type represent the Investor Categories</p> <p>Allowed values (code-description) are:</p> <p>BANKG_INSTN - Banking or thrift institutions (proprietary)</p> <p>BD - Broker-dealers</p> <p>FRGN_INSTN - Sovereign wealth funds and foreign official institutions</p> <p>GOVT_ENTTY - State or municipal government entities (excluding governmental pension plans)</p> <p>GOVT_PNSN - State or municipal governmental pension plans</p> <p>NON_PRFT - Non-profits</p> <p>NON_US_NTMDY - 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 involving one or more third-party intermediaries</p> <p>NON_US_PERSN - Individuals that are not United States persons (including their trusts)</p> <p>NSRNC_CMPNY - Insurance companies</p> <p>NVSMT_CMPNY - Investment companies registered with the SEC</p> <p>PNSN_PLN - Pension plans (excluding governmental pension plans)</p> <p>PRVT_FUND - Private Funds</p> <p>US_PERSN - Individuals that are United States persons (including their trusts)</p> <p>OTHER - Other</p> |

Schema Component Representation

```
<xsd:simpleType name="InvestorCategoryType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="BANKG_INSTN" />
    <xsd:enumeration value="BD" />
    <xsd:enumeration value="FRGN_INSTN" />
    <xsd:enumeration value="GOVT_ENTTY" />
    <xsd:enumeration value="GOVT_PNSN" />
    <xsd:enumeration value="NON_PRFT" />
    <xsd:enumeration value="NON_US_NTMDY" />
    <xsd:enumeration value="NON_US_PERSN" />
    <xsd:enumeration value="NSRNC_CMPNY" />
    <xsd:enumeration value="NVSMT_CMPNY" />
    <xsd:enumeration value="PNSN_PLN" />
    <xsd:enumeration value="PRVT_FUND" />
    <xsd:enumeration value="US_PERSN" />
    <xsd:enumeration value="OTHER" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: LEIType

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <b>LEIType</b> (by restriction) |
| Sub-types:   | None  |

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

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>LiquidityFinancingMaturityTypeCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | LiquidityFinancingMaturityTypeCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'UNSCD_US_DPTR_INSTN'   'UNSCD_US_NONDP_CRDTR'   'UNSCD_NON_US_CRDTRS'   'SECRD_US_DPTR_INSTN'   'SECRD_US_NONDP_CRDTR'   'SECRD_NON_US_CRDTRS'}</li></ul>  |
| Documentation | Maturity type codes for liquidity funds. Allowed values (code-description) are:<br>UNSCD_US_DPTR_INSTN - Unsecured borrowing U.S. depository institutions<br>UNSCD_US_NONDP_CRDTR - Unsecured borrowing U.S. creditors that are not U.S. depository institutions<br>UNSCD_NON_US_CRDTRS - Unsecured borrowing Non-U.S. creditors<br>SECRD_US_DPTR_INSTN - Secured borrowing U.S. depository institutions<br>SECRD_US_NONDP_CRDTR - Secured borrowing U.S. creditors that are not U.S. depository institutions<br>SECRD_NON_US_CRDTRS - Secured borrowing Non-U.S. creditors |

Schema Component Representation

```
<xsd:simpleType name="LiquidityFinancingMaturityTypeCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="UNSCD_US_DPTR_INSTN"/>  
    <xsd:enumeration value="UNSCD_US_NONDP_CRDTR"/>  
    <xsd:enumeration value="UNSCD_NON_US_CRDTRS"/>  
    <xsd:enumeration value="SECRD_US_DPTR_INSTN"/>  
    <xsd:enumeration value="SECRD_US_NONDP_CRDTR"/>  
    <xsd:enumeration value="SECRD_NON_US_CRDTRS"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: LongRestricted10Type

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:long</a> < LongRestricted10Type (by restriction) |
| Sub-types:   | None  |

|         |  |
|---------|--|
| Name    | LongRestricted10Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: long</li><li>-10000000000 &lt; value &lt; 10000000000</li></ul> |

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: | <a href="#">xs:long</a> < LongRestricted15Type (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | LongRestricted15Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: long</li><li>-1000000000000000 &lt; value &lt; 1000000000000000</li><li>total no. of digits = 15</li></ul> |

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: | <a href="#">xsd:long</a> < LongRestricted5Type (by restriction) |
| Sub-types:   | None  |

|         |  |
|---------|--|
| Name    | LongRestricted5Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: long</li><li>-100000 &lt; value &lt; 100000</li></ul> |

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>MajorFinInstType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | MajorFinInstType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value 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'}</li></ul>  |
| Documentation | <p>Elements of this type represent the major Financial Institutes</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - SwissRe</li><li>2 - WellsFargo</li><li>3 - PIMCO</li><li>4 - BlackRock</li><li>5 - Natixsis</li><li>6 - Barclays</li><li>7 - BankofAmerica/MerrillLynch</li><li>8 - BankofNewYork</li><li>9 - BNPParibas</li><li>10 - Calyon</li><li>11 - CargillFinancialMarkets</li><li>12 - Citigroup</li><li>13 - CréditAgriculture</li><li>14 - CreditSuisse</li><li>15 - DeutscheBank</li><li>16 - Dresdner/Commerz</li><li>17 - Fidelity</li><li>18 - GoldmanSachs</li><li>19 - HSBC</li><li>20 - JPMorgan</li><li>21 - MitsubishiUFJFinancialGroup</li><li>22 - MorganStanley</li><li>23 - NewEdge</li><li>24 - Nomura</li><li>25 - Prudential</li><li>26 - RoyalBankofCanada</li><li>27 - RoyalBankofScotland</li><li>28 - SociétéGénérale</li><li>29 - StateStreet</li><li>30 - UBS</li><li>31 - NA</li><li>32 - Other</li></ul> |

## Schema Component Representation

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  </xsd:restriction>
</xsd:simpleType>
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Simple Type: MiscInfoQuestionsNumberType

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>MiscInfoQuestionsNumberType</b> (by restriction) |
| Sub-types:   | None   |

|               |   |
|---------------|---|
| Name          | MiscInfoQuestionsNumberType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'66'   '67'   '68a'   '68b'   '68c'   '68d'   '68e'   '68f'   '68g'   '69a'   '69b'   '70'   '71'   '72'   '73'   '74'   '75'   '76'   '77'   '78a'   '78b'   '79a'   '79b'   '80'   '81'   '82a'   '82b'   '82c'}</li></ul>  |
| Documentation | <p>Elements of this type represent the Question Numbers</p> <p>Allowed values (code-description) are:</p> <p>66 - Question Number 66</p> <p>67 - Question Number 67</p> <p>68a - Question Number 68a</p> <p>68b - Question Number 68b</p> <p>68c - Question Number 68c</p> <p>68d - Question Number 68d</p> <p>68e - Question Number 68e</p> <p>68f - Question Number 68f</p> <p>68g - Question Number 68g</p> <p>69a - Question Number 69a</p> <p>69b - Question Number 69b</p> <p>70 - Question Number 70</p> <p>71 - Question Number 71</p> <p>72 - Question Number 72</p> <p>73 - Question Number 73</p> <p>74 - Question Number 74</p> <p>75 - Question Number 75</p> <p>76 - Question Number 76</p> <p>77 - Question Number 77</p> <p>78a - Question Number 78a</p> <p>78b - Question Number 78b</p> <p>79a - Question Number 79a</p> <p>79b - Question Number 79b</p> <p>80 - Question Number 80</p> <p>81 - Question Number 81</p> <p>82a - Question Number 82a</p> <p>82b - Question Number 82b</p> <p>82c - Question Number 82c</p> |

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Simple Type: **NAI**CSCodeType

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>NAI</b> CSCodeType (by restriction) |
| Sub-types:   | None  |

| Name    | NAI | CSCodeType   |
|---------|-----|--|
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'212319'   '212321'   '212322'   '212323'   '212390'   '213111'   '213112'   '213113'   '213114'   '213115'   '221111'   '221112'   '221113'   '221114'   '221115'   '221116'   '221117'   '221118'   '221121'   '221122'   '221210'   '221310'   '221320'   '221330'   '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'   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|---------------|--|
|               | '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 | <p>Elements of this type represent the allowed NAICS Codes.</p> <p>Allowed values (code - Title) are:</p> <p>NA - Not Applicable</p> <p>111110 - Soybean Farming</p> <p>111120 - Oilseed (except Soybean) Farming</p> <p>111130 - Dry Pea and Bean Farming</p> <p>111140 - Wheat Farming</p> <p>111150 - Corn Farming</p> <p>111160 - Rice Farming</p> <p>111191 - Oilseed and Grain Combination Farming</p> <p>111199 - All Other Grain Farming</p> <p>111211 - Potato Farming</p> <p>111219 - Other Vegetable (except Potato) and Melon Farming</p> <p>111310 - Orange Groves</p> <p>111320 - Citrus (except Orange) Groves</p> <p>111331 - Apple Orchards</p> <p>111332 - Grape Vineyards</p> <p>111333 - Strawberry Farming</p> <p>111334 - Berry (except Strawberry) Farming</p> <p>111335 - Tree Nut Farming</p> <p>111336 - Fruit and Tree Nut Combination Farming</p> <p>111339 - Other Noncitrus Fruit Farming</p> <p>111411 - Mushroom Production</p> <p>111419 - Other Food Crops Grown Under Cover</p> <p>111421 - Nursery and Tree Production</p> <p>111422 - Floriculture Production</p> <p>111910 - Tobacco Farming</p> <p>111920 - Cotton Farming</p> <p>111930 - Sugarcane Farming</p> <p>111940 - Hay Farming</p> <p>111991 - Sugar Beet Farming</p> <p>111992 - Peanut Farming</p> <p>111998 - All Other Miscellaneous Crop Farming</p> <p>112111 - Beef Cattle Ranching and Farming</p> <p>112112 - Cattle Feedlots</p> <p>112120 - Dairy Cattle and Milk Production</p> <p>112130 - Dual-Purpose Cattle Ranching and Farming</p> <p>112210 - Hog and Pig Farming</p> <p>112310 - Chicken Egg Production</p> <p>112320 - Broilers and Other Meat Type Chicken Production</p> <p>112330 - Turkey Production</p> <p>112340 - Poultry Hatcheries</p> <p>112390 - Other Poultry Production</p> <p>112410 - Sheep Farming</p> <p>112420 - Goat Farming</p> <p>112511 - Finfish Farming and Fish Hatcheries</p> <p>112512 - Shellfish Farming</p> <p>112519 - Other Aquaculture</p> <p>112910 - Apiculture</p>   |

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 Schiffli 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 Container 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  
 333415 - Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration 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



## Schema Component Representation

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    <xsd:enumeration value="111335" />
    <xsd:enumeration value="111336" />
    <xsd:enumeration value="111339" />
    <xsd:enumeration value="111411" />
    <xsd:enumeration value="111419" />
    <xsd:enumeration value="111421" />
    <xsd:enumeration value="111422" />
    <xsd:enumeration value="111910" />
    <xsd:enumeration value="111920" />
    <xsd:enumeration value="111930" />
    <xsd:enumeration value="111940" />
    <xsd:enumeration value="111991" />
    <xsd:enumeration value="111992" />
    <xsd:enumeration value="111998" />
    <xsd:enumeration value="112111" />
    <xsd:enumeration value="112112" />
    <xsd:enumeration value="112120" />
    <xsd:enumeration value="112130" />
    <xsd:enumeration value="112210" />
    <xsd:enumeration value="112310" />
    <xsd:enumeration value="112320" />
    <xsd:enumeration value="112330" />
    <xsd:enumeration value="112340" />
    <xsd:enumeration value="112390" />
    <xsd:enumeration value="112410" />
    <xsd:enumeration value="112420" />
    <xsd:enumeration value="112511" />
    <xsd:enumeration value="112512" />
    <xsd:enumeration value="112519" />
    <xsd:enumeration value="112910" />
    <xsd:enumeration value="112920" />
    <xsd:enumeration value="112930" />
    <xsd:enumeration value="112990" />
    <xsd:enumeration value="113110" />
    <xsd:enumeration value="113210" />
    <xsd:enumeration value="113310" />
    <xsd:enumeration value="114111" />
    <xsd:enumeration value="114112" />
    <xsd:enumeration value="114119" />
    <xsd:enumeration value="114210" />
    <xsd:enumeration value="115111" />
    <xsd:enumeration value="115112" />
    <xsd:enumeration value="115113" />
    <xsd:enumeration value="115114" />
    <xsd:enumeration value="115115" />
    <xsd:enumeration value="115116" />
    <xsd:enumeration value="115210" />
    <xsd:enumeration value="115310" />
    <xsd:enumeration value="211120" />
    <xsd:enumeration value="211130" />
    <xsd:enumeration value="212114" />
    <xsd:enumeration value="212115" />
    <xsd:enumeration value="212210" />
    <xsd:enumeration value="212220" />
    <xsd:enumeration value="212230" />
  </xsd:restriction>
</xsd:simpleType>
```











[illegible]









[illegible]





```
<xsd:enumeration value="812331" />
<xsd:enumeration value="812332" />
<xsd:enumeration value="812910" />
<xsd:enumeration value="812921" />
<xsd:enumeration value="812922" />
<xsd:enumeration value="812930" />
<xsd:enumeration value="812990" />
<xsd:enumeration value="813110" />
<xsd:enumeration value="813211" />
<xsd:enumeration value="813212" />
<xsd:enumeration value="813219" />
<xsd:enumeration value="813311" />
<xsd:enumeration value="813312" />
<xsd:enumeration value="813319" />
<xsd:enumeration value="813410" />
<xsd:enumeration value="813910" />
<xsd:enumeration value="813920" />
<xsd:enumeration value="813930" />
<xsd:enumeration value="813940" />
<xsd:enumeration value="813990" />
<xsd:enumeration value="814110" />
<xsd:enumeration value="921110" />
<xsd:enumeration value="921120" />
<xsd:enumeration value="921130" />
<xsd:enumeration value="921140" />
<xsd:enumeration value="921150" />
<xsd:enumeration value="921190" />
<xsd:enumeration value="922110" />
<xsd:enumeration value="922120" />
<xsd:enumeration value="922130" />
<xsd:enumeration value="922140" />
<xsd:enumeration value="922150" />
<xsd:enumeration value="922160" />
<xsd:enumeration value="922190" />
<xsd:enumeration value="923110" />
<xsd:enumeration value="923120" />
<xsd:enumeration value="923130" />
<xsd:enumeration value="923140" />
<xsd:enumeration value="924110" />
<xsd:enumeration value="924120" />
<xsd:enumeration value="925110" />
<xsd:enumeration value="925120" />
<xsd:enumeration value="926110" />
<xsd:enumeration value="926120" />
<xsd:enumeration value="926130" />
<xsd:enumeration value="926140" />
<xsd:enumeration value="926150" />
<xsd:enumeration value="927110" />
<xsd:enumeration value="928110" />
<xsd:enumeration value="928120" />
</xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **NFAFirmIDType**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:string</a> < <b>NFAFirmIDType</b> (by restriction) |
| Sub-types:   | None  |

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

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: | <a href="#">xs:string</a> < NFAFundIDType (by restriction) |
| Sub-types:   | None   |

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

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>NonVaRRiskMetricCodeType</b> (by restriction) |
| Sub-types:   | None  |

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

Schema Component Representation

```
<xsd:simpleType name="NonVaRRiskMetricCodeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="NONE"/>
    <xsd:enumeration value="OTH"/>
    <xsd:enumeration value="CASH_RISK"/>
    <xsd:enumeration value="CS01"/>
    <xsd:enumeration value="DEF_BETA"/>
    <xsd:enumeration value="DV01"/>
    <xsd:enumeration value="EARN_RISK"/>
    <xsd:enumeration value="XPCTD_SHRTFALL"/>
    <xsd:enumeration value="INFLATION"/>
    <xsd:enumeration value="INFO_RATIO"/>
    <xsd:enumeration value="KURTOSIS"/>
    <xsd:enumeration value="LQDTY_AJSTD"/>
    <xsd:enumeration value="MARGINAL"/>
    <xsd:enumeration value="MAX"/>
    <xsd:enumeration value="NET_EQTY"/>
    <xsd:enumeration value="OMEGA_RATIO"/>
    <xsd:enumeration value="PROFIT"/>
    <xsd:enumeration value="RESIDUE"/>
    <xsd:enumeration value="RISK_LEVERAGE"/>
    <xsd:enumeration value="SCENARIO"/>
    <xsd:enumeration value="SEMI_DVTN"/>
    <xsd:enumeration value="SHARPE"/>
    <xsd:enumeration value="SKEWNESS"/>
    <xsd:enumeration value="SORTINO"/>
    <xsd:enumeration value="STD"/>
    <xsd:enumeration value="STRESS"/>
  </xsd:restriction>
</xsd:simpleType>
```





Simple Type: **PercentType**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:unsignedByte</a> < <b>PercentType</b> (by restriction) |
| Sub-types:   | None  |

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

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: | <a href="#">xsd:decimal</a> < <b>PercentType2</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | PercentType2   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= <i>value</i> &lt;= 100</li><li><i>total no. of digits</i> = 8</li><li><i>no. of fraction digits</i> = 4</li></ul> |

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: **PercentType3**

|              |  |
|--------------|--|
| Super-types: | <a href="#">xsd:decimal</a> < <b>PercentType3</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | PercentType3   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= <i>value</i> &lt;= 100</li><li><i>total no. of digits</i> = 6</li><li><i>no. of fraction digits</i> = 2</li></ul> |

Schema Component Representation

```
<xsd:simpleType name="PercentType3">
  <xsd:restriction base="xsd:decimal">
    <xsd:totalDigits value="6"/>
    <xsd:maxInclusive value="100"/>
    <xsd:fractionDigits value="2"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: PositiveDecimalRestricted10p2Type

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:decimal</a> < PositiveDecimalRestricted10p2Type (by restriction) |
| Sub-types:   | None  |

|         |  |
|---------|--|
| Name    | PositiveDecimalRestricted10p2Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt; value &lt; 10000000000</li><li>total no. of digits = 12</li><li>no. of fraction digits = 2</li></ul> |

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: | <a href="#">xs:decimal</a> < PositiveDecimalRestricted12p2RequiredDecimalType (by restriction) |
| Sub-types:   | None   |

|         |   |
|---------|---|
| Name    | PositiveDecimalRestricted12p2RequiredDecimalType  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>pattern = \d{1,12}(\.\d{2,2})</li><li>value &gt; 0</li></ul> |

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: | <a href="#">xs:decimal</a> < PositiveDecimalRestricted15p1Type (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | PositiveDecimalRestricted15p1Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= value &lt; 10000000000000000</li><li>total no. of digits = 16</li><li>no. of fraction digits = 1</li></ul> |

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: | <a href="#">xs:decimal</a> < PositiveDecimalRestricted15p2Type (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | PositiveDecimalRestricted15p2Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= value &lt; 10000000000000000</li><li>total no. of digits = 17</li><li>no. of fraction digits = 2</li></ul> |

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: | <a href="#">xs:decimal</a> < PositiveDecimalRestricted15p4Type (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | PositiveDecimalRestricted15p4Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li><math>0 &lt; value &lt; 1000000000000000</math></li><li>no. of fraction digits = 4</li></ul> |

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted15p4Type">
  <xsd:restriction base="xs:decimal">
    <xsd:fractionDigits value="4"/>
    <xsd:maxExclusive value="1000000000000000"/>
    <xsd:minExclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveIntRestricted10PercentType**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:unsignedInt</a> < <b>PositiveIntRestricted10PercentType</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | PositiveIntRestricted10PercentType  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: unsignedInt</li><li><i>value</i> &gt;= 0</li><li><i>total no. of digits</i> = 10</li></ul> |

Schema Component Representation

```
<xsd:simpleType name="PositiveIntRestricted10PercentType">
  <xsd:restriction base="xs:unsignedInt">
    <xsd:totalDigits value="10"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveIntRestricted4Type**

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:unsignedInt</a> < <b>PositiveIntRestricted4Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | PositiveIntRestricted4Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: unsignedInt</li><li><i>value</i> &gt; 0</li><li><i>total no. of digits</i> = 4</li></ul> |

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: | <a href="#">xs:unsignedInt</a> < <b>PositiveIntRestricted8Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | PositiveIntRestricted8Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: unsignedInt</li><li>value &gt; 0</li><li>total no. of digits = 8</li></ul> |

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: | <a href="#">xsd:unsignedLong</a> < <b>PositiveLongRestricted10Type</b> (by restriction) |
| Sub-types:   | None  |

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

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: | <a href="#">xsd:unsignedLong</a> < <b>PositiveLongRestricted15Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | PositiveLongRestricted15Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li>value &gt; 0</li><li>total no. of digits = 15</li></ul> |

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>RelatedPersonTypeType</b> (by restriction) |
| Sub-types:   | None   |

|               |  |
|---------------|--|
| Name          | RelatedPersonTypeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'RGSTD_ERA'   'CPO_CTA'   'RELY_SPV'}</li></ul>  |
| Documentation | Elements of this type represent the related person type<br>Allowed values are:<br>RGSTD_ERA - SEC Registered Adviser or ERA active firm<br>CPO_CTA - Commodity Pool Operator or Commodity Trading advisor<br>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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>RepoCategoryType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | RepoCategoryType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'ABS'   'AGNCY_CMO'   'AGNCY_DBNTR_STRP'   'AGNCY_MBS'   'PRVT_LABEL_CMO'   'CRPRT_DEBT_SCRTS'   'EQTY'   'MONEY_MRKT'   'US_TRSRY'   'CASH'   'OTHER'}</li></ul>   |
| Documentation | <p>Elements of this type represent Repo Category Type (Section 3 - Item E - Q62(g) (xii) Repo Category)</p> <p>Allowed values (code-description) are:</p> <p>ABS - Asset-Backed Securities</p> <p>AGNCY_CMO - Agency Collateralized Mortgage Obligations</p> <p>AGNCY_DBNTR_STRP - Agency Debentures and Agency Strips</p> <p>AGNCY_MBS - Agency Mortgage-Backed Securities</p> <p>PRVT_LABEL_CMO - Private Label Collateralized Mortgage Obligations</p> <p>CRPRT_DEBT_SCRTS - Corporate Debt Securities</p> <p>EQTY - Equities</p> <p>MONEY_MRKT - Money Market</p> <p>US_TRSRY - U.S. Treasuries (including strips)</p> <p>CASH - Cash</p> <p>OTHER - Other Instrument</p> |

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="CASH" />
    <xsd:enumeration value="OTHER" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **SECNumberTypeType**

|              |  |
|--------------|--|
| Super-types: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>SECNumberTypeType</b> (by restriction) |
| Sub-types:   | None   |

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

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>StateCodeType</b> (by restriction) |
| Sub-types:   | None   |

|               |  |
|---------------|--|
| Name          | StateCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value 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'}</li><li>length &lt;= 2</li></ul>   |
| Documentation | <p>Elements of this type represent the allowed State Codes.</p> <p>Allowed values (code-Name) are:</p> <p>AK-Alaska<br/>AL-Alabama<br/>AR-Arkansas<br/>AZ-Arizona<br/>CA-California<br/>CO-Colorado<br/>CT-Connecticut<br/>DC-District of Columbia<br/>DE-Delaware<br/>FL-Florida<br/>GA-Georgia<br/>HI-Hawaii<br/>IA-Iowa<br/>ID-Idaho<br/>IL-Illinois<br/>IN-Indiana<br/>KS-Kansas<br/>KY-Kentucky<br/>LA-Louisiana<br/>MA-Massachusetts<br/>MD-Maryland<br/>ME-Maine<br/>MI-Michigan<br/>MN-Minnesota<br/>MO-Missouri<br/>MS-Mississippi<br/>MT-Montana<br/>NC-North Carolina<br/>ND-North Dakota<br/>NE-Nebraska<br/>NH-New Hampshire<br/>NJ-New Jersey<br/>NM-New Mexico<br/>NV-Nevada<br/>NY-New York<br/>OH-Ohio<br/>OK-Oklahoma<br/>OR-Oregon<br/>PA-Pennsylvania<br/>PR-Puerto Rico<br/>RI-Rhode Island<br/>SC-South Carolina<br/>SD-South Dakota<br/>TN-Tennessee<br/>TX-Texas<br/>UT-Utah<br/>VA-Virginia<br/>VT-Vermont<br/>WA-Washington<br/>WI-Wisconsin<br/>WV-West Virginia<br/>WY-Wyoming<br/>VI-Virgin Islands</p> |

```
<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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>StrategyNameType</b> (by restriction) |
| Sub-types:   | None  |

|               |  |
|---------------|--|
| Name          | StrategyNameType   |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value 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'}</li></ul>  |
| Documentation | <p>Elements of this type represent investment strategies</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - Equity, Market Neutral</li><li>2 - Equity, Long/Short</li><li>3 - Equity, Short Bias</li><li>4 - Equity, Long Bias</li><li>5 - Macro, Active Trading</li><li>6 - Macro, Commodity</li><li>7 - Macro, Currency</li><li>8 - Macro, Global Macro</li><li>9 - Relative Value, Fixed Income Asset Backed</li><li>10 - Relative Value, Fixed Income Convertible Arbitrage</li><li>11 - Relative Value, Fixed Income Corporate</li><li>12 - Relative Value, Fixed Income Sovereign</li><li>13 - Relative Value, Volatility Arbitrage</li><li>14 - Event Driven, Distressed/Restructuring</li><li>15 - Event Driven, Risk Arbitrage/Merger Arbitrage</li><li>16 - Event Driven, Equity Special Situations</li><li>17 - Credit, Long/Short</li><li>18 - Credit, Asset Based Lending</li><li>19 - Managed Futures/CTA, Fundamental</li><li>20 - Managed Futures/CTA, Quantitative</li><li>21 - Investment in other funds</li><li>22 - Other</li></ul> |

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)
- [ClawbackType](#) (by restriction)
- [FinancingType](#) (by restriction)
- [DefaultEventCodeType](#) (by restriction)
- [MiscInfoQuestionsNumberType](#) (by restriction)
- [CreditorCounterpartyType](#) (by restriction)
- [InvestmentStrategyType](#) (by restriction)
- [InvestorCategoryType](#) (by restriction)
- [NAICSCodeType](#) (by restriction)
- [LiquidityFinancingMaturityTypeCodeType](#) (by restriction)
- [BooleanYNTYPE](#) (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    | stringPreserveWhiteSpaces   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted10000Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | StringRestricted10000Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 10000</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted11Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | StringRestricted11Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 11</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted128Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | StringRestricted128Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 128</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted12Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | StringRestricted12Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 12</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted150Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | StringRestricted150Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 150</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted15Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | StringRestricted15Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 15</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted20Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | StringRestricted20Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 20</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted255Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | StringRestricted255Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 255</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted256Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | StringRestricted256Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 256</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted25Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | StringRestricted25Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 25</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted27Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | StringRestricted27Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 27</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted3Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | StringRestricted3Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 3</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted50Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | StringRestricted50Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 50</li></ul> |

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: | <a href="#">xs:string</a> < <b>StringRestricted9Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | StringRestricted9Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 9</li></ul> |

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: | <a href="#">xs:string</a> < <a href="#">TradeIDType</a> (by restriction) < <b>TradeIDSuffixType</b> (by restriction) |
| Sub-types:   | None   |

|         |   |
|---------|---|
| Name    | TradeIDSuffixType   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>pattern</i> = [0-9]+(-[0-9]+)* (NA)</li><li><i>length</i> &lt;= 15</li><li><i>length</i> &lt;= 5</li></ul> |

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: | <a href="#">xs:string</a> < TradeIDType (by restriction)   |
| Sub-types:   | <ul style="list-style-type: none"><li><a href="#">TradeIDSuffixType</a> (by restriction)</li></ul> |

|         |   |
|---------|---|
| Name    | TradeIDType   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>pattern = [0-9]+(-[0-9]+)* (NA)</li><li>length &lt;= 15</li></ul> |

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>TradingStrategyType</b> (by restriction) |
| Sub-types:   | None   |

|               |  |
|---------------|--|
| Name          | TradingStrategyType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'S'   'M'}</li></ul> |
| Documentation | Elements of this type represent Trading Strategy Type<br>Allowed values (code-description) are:<br>S - Single<br>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: UnsignedDecimalRestricted14p2Type

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:decimal</a> < UnsignedDecimalRestricted14p2Type (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | UnsignedDecimalRestricted14p2Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= value &lt; 99999999999999.99</li><li>total no. of digits = 16</li><li>no. of fraction digits = 2</li></ul> |

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted14p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="16"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="99999999999999.99"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: UnsignedDecimalRestricted15p2Type

|              |   |
|--------------|---|
| Super-types: | <a href="#">xs:decimal</a> < UnsignedDecimalRestricted15p2Type (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | UnsignedDecimalRestricted15p2Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= value &lt; 10000000000000000</li><li>total no. of digits = 17</li><li>no. of fraction digits = 2</li></ul> |

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: | <a href="#">xs:decimal</a> < <b>UnsignedDecimalRestricted15p4Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | UnsignedDecimalRestricted15p4Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= <i>value</i> &lt; 10000000000000000</li><li><i>total no. of digits</i> = 19</li><li><i>no. of fraction digits</i> = 4</li></ul> |

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: | <a href="#">xs:decimal</a> < UnsignedDecimalRestricted3p4Type (by restriction) |
| Sub-types:   | None   |

|         |   |
|---------|---|
| Name    | UnsignedDecimalRestricted3p4Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= value &lt;= 100</li><li>total no. of digits = 7</li><li>no. of fraction digits = 4</li></ul> |

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: | <a href="#">xs:decimal</a> < UnsignedDecimalRestricted7p2RequiredDecimalType (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | UnsignedDecimalRestricted7p2RequiredDecimalType   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>pattern = \d{1,7}(\.\d{2,2})</li></ul> |

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: | <a href="#">xsd:unsignedLong</a> < <b>UnsignedLongRestricted10Type</b> (by restriction) |
| Sub-types:   | None  |

|         |  |
|---------|--|
| Name    | UnsignedLongRestricted10Type   |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li>total no. of digits = 10</li></ul> |

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: | <a href="#">xsd:unsignedLong</a> < <b>UnsignedLongRestricted15Type</b> (by restriction) |
| Sub-types:   | None  |

|         |   |
|---------|---|
| Name    | UnsignedLongRestricted15Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li><i>total no. of digits</i> = 15</li></ul> |

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: | <a href="#">xsd:unsignedLong</a> < <b>UnsignedLongRestricted4Type</b> (by restriction) |
| Sub-types:   | None   |

|         |  |
|---------|--|
| Name    | UnsignedLongRestricted4Type  |
| Content | <ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li><i>total no. of digits</i> = 4</li></ul> |

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: | <a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>WeightedMethodCodeType</b> (by restriction) |
| Sub-types:   | None  |

|               |   |
|---------------|---|
| Name          | WeightedMethodCodeType  |
| Content       | <ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'NONE'   'EXP'   'OTH'}</li></ul> |
| Documentation | Weighted method type codes. Allowed values (code-description) are:<br>NONE - None<br>EXP - Exponential<br>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

|               |   |
|---------------|---|
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|---------------|---|

## Global Declarations

Element: **PFXMLFilingResult**

|          |                              |
|----------|------------------------------|
| Name     | PFXMLFilingResult            |
| Type     | Locally-defined complex type |
| Nilable  | 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](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](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](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](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](http://www.w3.org/TR/xmlschema-1/#cidentity-constraint_Definitions).