

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

Release 2025.03

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# Table of Contents

[Preface](#)  
[Change History](#)

## How To Submit XML Filings

- [Introduction](#)
- [Filing interactively via the file management interface on FINRA Gateway](#)
- [Filing programmatically via the FileX server](#)

## Filing Schema Reference

- [Global Declarations](#)
  - [Element: actions](#)
  - [Element: aggregatedAssetItem](#)
  - [Element: aggregatedAssets](#)
  - [Element: assetsFinancingInvestorConcentration](#)
  - [Element: authorizedRepresentativeSignature](#)
  - [Element: feederFund](#)
  - [Element: filingType](#)
  - [Element: firmIdentifyingInformation](#)
  - [Element: fund](#)
  - [Element: fundInfo](#)
  - [Element: hedge1c](#)
  - [Element: hedge2](#)
  - [Element: internalPrivateFund](#)
  - [Element: liquidityFund](#)
  - [Element: miscellaneous](#)
  - [Element: onBehalfofRelatedPersonsSignature](#)
  - [Element: parallelFund](#)
  - [Element: performance](#)
  - [Element: personalRelatedPersonDetail](#)
  - [Element: personalRelatedPersons](#)
  - [Element: pf](#)
  - [Element: privateEquity](#)
  - [Element: relatedPersonDetail](#)
  - [Element: relatedPersons](#)
  - [Element: relatedPersonsSignatureItem](#)
  - [Element: reportingPeriodQuarter](#)
  - [Element: reportingPeriodType](#)
  - [Element: section1\\_4](#)
  - [Element: tradingVehicle](#)
- [Global Definitions](#)
  - [Complex Type: adjustedExposureByAsset](#)
  - [Complex Type: assetValueType](#)
  - [Complex Type: beneficiallyOwnedEquityByInvestorsItem](#)
  - [Complex Type: borrowLendAmounts](#)
  - [Complex Type: bridgeLoanPerson](#)
  - [Complex Type: consolidatedCounterpartyExposureBreakdown](#)
  - [Complex Type: contributionWithdrawalType](#)
  - [Complex Type: controlledPortfolioCompany](#)
  - [Complex Type: counterpartyExposureBreakdown](#)
  - [Complex Type: creditorCounterpartyExposure](#)
  - [Complex Type: creditRatingItem](#)
  - [Complex Type: debtorCounterpartyExposure](#)
  - [Complex Type: demandFeatureItem](#)
  - [Complex Type: dispositionPortfolioSecuritiesItem](#)
  - [Complex Type: enhancementItem](#)
  - [Complex Type: exposureByAsset](#)
  - [Complex Type: exposureByAssetAndInstrument](#)
  - [Complex Type: exposureByCountry](#)
  - [Complex Type: exposureByCurrency](#)
  - [Complex Type: exposureByIndustry](#)
  - [Complex Type: exposureByReferenceAsset](#)
  - [Complex Type: exposureInterestRateRisk](#)
  - [Complex Type: financingItems](#)
  - [Complex Type: guaranteeItem](#)
  - [Complex Type: hedge1cCounterpartyExposureBreakdown](#)
  - [Complex Type: hedge1cSecuredRepoOrOther](#)
  - [Complex Type: investmentByCountry](#)
  - [Complex Type: liquidityFundAssets](#)
  - [Complex Type: liquidityFundBorrowingByTerm](#)
  - [Complex Type: liquidityFundBorrowingDetail](#)
  - [Complex Type: liquidityFundSecurity](#)
  - [Complex Type: liquidityPercentageByPeriod](#)

- [Complex Type: \*\*longShortAmounts\*\*](#)
- [Complex Type: \*\*longShortIntegers\*\*](#)
- [Complex Type: \*\*longShortPercents\*\*](#)
- [Complex Type: \*\*masterFundInfo\*\*](#)
- [Complex Type: \*\*navPercentageOfSuspensionOrRestrictionsType\*\*](#)
- [Complex Type: \*\*peakToTroughDrawdown\*\*](#)
- [Complex Type: \*\*percentageBorrowingBySource\*\*](#)
- [Complex Type: \*\*performanceInvestmentStrategyItem\*\*](#)
- [Complex Type: \*\*performanceItem\*\*](#)
- [Complex Type: \*\*portfolioCompanyByIndustryItem\*\*](#)
- [Complex Type: \*\*privateEquityInvestmentStrategy\*\*](#)
- [Complex Type: \*\*repoItem\*\*](#)
- [Complex Type: \*\*securedRepoOrOther\*\*](#)
- [Complex Type: \*\*securedRepoOrOtherConsolidated\*\*](#)
- [Complex Type: \*\*standardChangeEffect\*\*](#)
- [Complex Type: \*\*top5CreditorExposureItem\*\*](#)
- [Complex Type: \*\*top5DebtorExposureItem\*\*](#)
- [Complex Type: \*\*tradingAndClearingItems\*\*](#)
- [Complex Type: \*\*turnoverByAssetItem\*\*](#)
- [Complex Type: \*\*varItem\*\*](#)
- [Simple Type: \*\*actionCode\*\*](#)
- [Simple Type: \*\*changeEffectRelevancy\*\*](#)
- [Simple Type: \*\*collateralInvestmentCategoryType\*\*](#)
- [Simple Type: \*\*currencyCodeType\*\*](#)
- [Simple Type: \*\*fundInvestorCode\*\*](#)
- [Simple Type: \*\*fundType\*\*](#)
- [Simple Type: \*\*instrumentType\*\*](#)
- [Simple Type: \*\*investmentStrategyType\*\*](#)
- [Simple Type: \*\*liquidityFundInvestmentCategory\*\*](#)
- [Simple Type: \*\*majorFinancialInstitution\*\*](#)
- [Simple Type: \*\*NAICSCodeType\*\*](#)
- [Simple Type: \*\*subAssetClassWithInstrumentType\*\*](#)
- [Simple Type: \*\*subAssetClassWithNoInstrumentType\*\*](#)
- [Simple Type: \*\*withdrawalRedemptionTermType\*\*](#)

## Filing Result Schema Reference

- [Global Declarations](#)
  - Element: [pfFileResponse](#)

## Schema Reference Glossary

- [Glossary](#)

## 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.

[Table of Contents](#)

# Change History

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## Release 2025.03

- 10/28/2024 - New version of the draft
- fundInvestorCodeType - list of value code had spaces removed them
- NAICSCodeType - List of values were incorrect added the correct list
- 10/30/2024 update:
  - Question 1 add legalEntityId in firmIdentifyingInformation
  - Currency list updated
  - change field days1To7 to days2To7 in liquidityPercentageByPeriod object; impact question 37, 50, 53 and 64
  - Question 37 - changed field names; reference liquidityPercentageByPeriod object
  - Question 65 - changed repoDetail to array type; add reportingPeriodMonth field; rename ticker to CIK; add CASH in the list of collateralInvestmentCategory; add amortizedValueIncludingSponsor and amortizedValueExcludingSponsor properties in position field
  - Question 85 - change data type to array
  - Question 57 - reduce the field count from 4 to 3 and rename the fields in liquidityFundBorrowingDetail object
  - Question 40 - change titleOrDescription to required field
- 11/04/2024 update: hasPrimeBrokerageAgreement is not required

[Table of Contents](#)

# How To Submit XML Filings

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## Introduction

To facilitate filing of Form PF section 1 -4, SEC provides an XML based filing submission interface. Filers who submit Form PF XML are subject to the same Federal information law and requirements imposed on any other filers.

The XML based Form PF filing interface may be accessed in two ways:

- (1) interactively via the file management interface on FINRA Gateway and
- (2) programmatically, machine-to-machine, via the FileX.

Whether accessed interactively or programmatically, 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. Firms will be able to upload the PF submission.

[Table of Contents](#)

## Filing interactively via the file management interface on FINRA Gateway

FileX provides a user interface *file management* on FINRA Gateway that can be used to upload XML file submissions for Form PF Section 1-4. Filers can submit a Form PF filing by clicking the *Upload Files* tab and completing following steps:

1. Click on the *Upload Files* tab.
2. Select the Application as *PFRD* and Application Space as *File Submission*
3. Select an XML file that conforms to the schema
4. Press the *Submit* button.

All uploaded files are available in the *Upload File History* tab after a few minutes. Files in this directory are stored for 30 days.

Once the filing has been submitted and processed, the processing results will be available for download under the *File Feedback* tab. If there are any processing errors/failures such as failures of completeness checks, those will be made available in the feedback file for firms to review.

[Table of Contents](#)

Filing programmatically via the FileX server

FileX is a centralized, secure file transfer service from FINRA, where customers (member firms and industry participants) can send or receive batch file(s) to FINRA Applications. FileX supports multiple access methods to send/receive files, and a customer may choose to use any of the supported access methods to transfer file(s). FINRA Entitlement process controls the account provisioning and entitlements which control access to various application sub-spaces. Sub-spaces are the locations within each application in FileX where customers can upload or download files. A detailed FileX user guide can be found here: [fileX user Guide](#) For Form PF Section 1-4, files must be uploaded to and downloaded from the directories mentioned below:

File Type	Directory on FileX server
File submission by firm	/org_id/pfrd/file_in
Feedback file by FINRA	/org_id/pfrd/file_out

File Naming convention and guidelines

- \* Firms can submit the Form PF section 1-4 submissions in XML file format.
- \* If the submitted file has any other extension, the processing will fail and feedback file with errors will be available for the firm to review.
- \* Feedback file provided by FINRA follows the naming standard as specified below: incoming filename prefix + filing id or "error"+ org\_id + form type+ timestamp.xml/json

[Table of Contents](#)



Schema Properties

Version	03/2025
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 2024.09 (last updated 08/28/2024)</p> <p>Change History:</p> <p>10/28/2024 - New version of the draft</p> <p>fundInvestorCodeType - list of value code had spaces removed them</p> <p>NAICSCodeType - List of values were incorrect added the correct list</p> <p>10/30/2024 update:</p> <p>Question 1 add legalEntityId in firmIdentifyingInformation</p> <p>Currency list updated</p> <p>change field days1To7 to days2To7 in liquidityPercentageByPeriod object; impact question 37, 50, 53 and 64</p> <p>Question 37 - changed field names; reference liquidityPercentageByPeriod object</p> <p>Question 65 - changed repoDetail to array type; add reportingPeriodMonth field; rename ticker to CIK; add CASH in the list of collateralInvestmentCategory; add amortizedValueIncludingSponsor and amortizedValueExcludingSponsor properties in position field</p> <p>Question 85 - change data type to array</p> <p>Question 57 - reduce the field count from 4 to 3 and rename the fields in liquidityFundBorrowingDetail object</p> <p>Question 40 - change titleOrDescription to required field</p> <p>11/04/2024 update: hasPrimeBrokerageAgreement is not required</p>

Global Declarations

Element: actions

Name	actions
Type	Locally-defined complex type
Nilable	no
Abstract	no
Documentation	Actions related to the reporting fund

XML Instance Representation

```
<actions>
  Start All[1]
  <fundListAction> actionCode </fundListAction> [1]
  End All
</actions>
```

Schema Component Representation

```
<xs:element name="actions">
  <xs:complexType>
    <xs:all>
      <xs:element name="fundListAction" type="actionCode" />
    </xs:all>
  </xs:complexType>
</xs:element>
```

Element: **aggregatedAssetItem**

Name	aggregatedAssetItem
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<aggregatedAssetItem>
  Start All[1]
    <fundType> fundType </fundType> [1]
    <regulatoryAssetsUnderManagement> xs:integer </regulatoryAssetsUnderManagement> [1]
    <netAssetsUnderManagement> xs:integer </netAssetsUnderManagement> [1]
  End All
</aggregatedAssetItem>
```

Schema Component Representation

```
<xs:element name="aggregatedAssetItem">
  <xs:complexType>
    <xs:all>
      <xs:element name="fundType" type="fundType"/>
      <xs:element name="regulatoryAssetsUnderManagement" type="xs:integer"/>
      <xs:element name="netAssetsUnderManagement" type="xs:integer"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: **aggregatedAssets**

Name	aggregatedAssets
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<aggregatedAssets>
  <aggregatedAssetItem> ... </aggregatedAssetItem> [0..*]
</aggregatedAssets>
```

Schema Component Representation

```
<xs:element name="aggregatedAssets">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="aggregatedAssetItem" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Name	assetsFinancingInvestorConcentration
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<assetsFinancingInvestorConcentration>
  Start All[1]

  <!-- Item B - Assets, financing and investor concentration - Q11: Gross asset value of the reporting fund as of the
end of the reporting period -->
  <grossAsset> [1]
    Start All[1]

      <!-- Item B - Assets, financing and investor concentration - Q11(a): Gross asset value of the reporting fund -
-->
      <total> assetValueType </total> [1]

      <!-- Item B - Assets, financing and investor concentration - Q11(b): If you are filing a quarterly update,
provide the reporting fund's gross asset value if available, or gross reporting fund aggregate calculated
value if the gross asset value is not available, as of the end of the first month of the reporting period -->
      <firstMonth> assetValueType </firstMonth> [0..1]

      <!-- Item B - Assets, financing and investor concentration - Q11(c): If you are filing a quarterly update,
provide the reporting fund's gross asset value if available, or gross reporting fund aggregate calculated
value if the gross asset value is not available, as of the end of the second month of the reporting period -->
      <secondMonth> assetValueType </secondMonth> [0..1]

      <!-- Item B - Assets, financing and investor concentration - Q11(d): Is the value reported in Question 11(b)
above a gross reporting fund aggregate calculated value -->
      <isValueAboveGrossAssetValueOfFirstMonth> xs:boolean </isValueAboveGrossAssetValueOfFirstMonth> [0..1]

      <!-- Item B - Assets, financing and investor concentration - Q11(e): Is the value reported in Question 11(c)
above a gross reporting fund aggregate calculated value? -->
      <isValueAboveGrossAssetValueOfSecondMonth> xs:boolean </isValueAboveGrossAssetValueOfSecondMonth> [0..1]
    End All
  </grossAsset>

  <!-- Item B - Assets, financing and investor concentration - Q12: Net asset value of the reporting fund as of the
end of the reporting period -->
  <netAsset> [1]
    Start All[1]

      <!-- Item B - Assets, financing and investor concentration - Q12(a): Net asset value of the reporting fund as
of the end of the reporting period -->
      <total> assetValueType </total> [1]

      <!-- Item B - Assets, financing and investor concentration - Q12(b): If you are filing a quarterly update,
provide the reporting fund's net asset value if available, or reporting fund aggregate calculated value if the
net asset value is not available, as of the end of the first month of the reporting period -->
      <firstMonth> assetValueType </firstMonth> [0..1]

      <!-- Item B - Assets, financing and investor concentration - Q12(c): If you are filing a quarterly update,
provide the reporting fund's net asset value if available, or reporting fund aggregate calculated value if the
net asset value is not available, as of the end of the second month of the reporting period -->
      <secondMonth> assetValueType </secondMonth> [0..1]

      <!-- Item B - Assets, financing and investor concentration - Q12(d): Is the value reported in Question 12(b)
above a net reporting fund aggregate calculated value -->
      <isValueAboveNetAssetValueOfFirstMonth> xs:boolean </isValueAboveNetAssetValueOfFirstMonth> [0..1]

      <!-- Item B - Assets, financing and investor concentration - Q12(e): Is the value reported in Question 12(c)
above a net reporting fund aggregate calculated value -->
      <isValueAboveNetAssetValueOfSecondMonth> xs:boolean </isValueAboveNetAssetValueOfSecondMonth> [0..1]
    End All
  </netAsset>

  <!-- Item B - Assets, financing and investor concentration - Q13: Value of unfunded commitments included in gross
asset value or gross reporting fund aggregate calculated value and net asset value or reporting fund aggregate
calculated value reported in Questions 11 and 12 (if the reporting fund does not contract for unfunded commitments,
enter "NA") -->
  <unfundedValue> xs:integer </unfundedValue> [1]
End All
```

```

<!-- Item B - Assets, financing and investor concentration - Q14: Provide the following information concerning the
reporting fund's activity during the reporting period -->
<fundActivities> [1]
  Start All[1]

    <!-- Item B - Assets, financing and investor concentration - Q14(a)(b): Provide the following information
    concerning the reporting fund's activity during the reporting period; required for annual filing -->
    <duringReportingPeriod> contributionWithdrawalType </duringReportingPeriod> [0..1]
    <month1> contributionWithdrawalType </month1> [0..1]
    <month2> contributionWithdrawalType </month2> [0..1]
    <month3> contributionWithdrawalType </month3> [0..1]
  End All
</fundActivities>

<!-- Item B - Assets, financing and investor concentration - Q15(a): Value of reporting fund's investments in
equity of external private funds -->
<valueOfExternalPrivateFund> xs:integer </valueOfExternalPrivateFund> [1]

<!-- Item B - Assets, financing and investor concentration - Q15(b): Check "yes" if the reporting fund is a feeder
fund in a master-feeder arrangement and complete the information below for the master fund in which this fund
invests. Otherwise, check "no." -->
<isFeederFund> xs:boolean </isFeederFund> [1]

<!-- Item B - Assets, financing and investor concentration - Q15(b)(i-iv): Details of the Masterfund -->
<masterFund> masterFundInfo </masterFund> [0..1]

<!-- Item B - Assets, financing and investor concentration - Q15(c): Check 'yes' if the reporting fund invests in
any internal private funds. Otherwise, check 'no'. -->
<hasInternalMasterPrivateFund> xs:boolean </hasInternalMasterPrivateFund> [1]

<!-- Item B - Assets, financing and investor concentration - Q15(c)(i-iv):complete the information below for each
such internal private fund.Do not complete (c)(i) through (c)(iv) for a master fund identified in (b), above -->
<internalMasterPrivateFund> [0..1]
  <internalMasterPrivateFund> masterFundInfo </internalMasterPrivateFund> [1..*]
</internalMasterPrivateFund>

<!-- Item B - Assets, financing and investor concentration - Q16: Value of all parallel managed accounts related to
the reporting fund. -->
<parallelManagedAccountsValue> xs:integer </parallelManagedAccountsValue> [1]

<!-- Item B - Assets, financing and investor concentration - Q17: What is the reporting fund's base currency? -->
<baseCurrency> currencyCodeType </baseCurrency> [0..1]

<!-- Item B - Assets, financing and investor concentration - Q17: specify any other base currency -->
<baseCurrencyOther> xs:string </baseCurrencyOther> [0..1]

<!-- Item B - Assets, financing and investor concentration - Q18: Provide the following information regarding the
value of the reporting fund's borrowings and the types of creditors -->
<borrowingsAndOtherCreditors> [0..1]
  Start All[1]

    <!-- Item B - Assets, financing and investor concentration - Q18(a): Dollar amount of total borrowings -->
    <borrowedTotalAmount> xs:integer </borrowedTotalAmount> [1]

    <!-- Item B - Assets, financing and investor concentration - Q18(b): Percentage borrowed from U.S. depository
    institutions -->
    <percentageUSDepositoryInstitution> xs:decimal </percentageUSDepositoryInstitution> [1]

    <!-- Item B - Assets, financing and investor concentration -Q18(c): Percentage borrowed from U.S. creditors
    that are not U.S. depository institutions -->
    <percentageUSNonDepositoryInstitution> xs:decimal </percentageUSNonDepositoryInstitution> [1]

    <!-- Item B - Assets, financing and investor concentration - Q18(d): Percentage borrowed from non-U.S.
    creditors -->
    <percentageNonUSCreditors> xs:decimal </percentageNonUSCreditors> [1]
  End All
</borrowingsAndOtherCreditors>

<!-- Item B - Assets, financing and investor concentration - Q19(a): Does the reporting fund have any outstanding
derivatives positions? -->
<hasOutstandingDerivativesPositions> xs:boolean </hasOutstandingDerivativesPositions> [1]

<!-- Item B - Assets, financing and investor concentration - Q19(b): If you responded "yes" to Question 19(a),
provide the aggregate value of all derivatives positions of the reporting fund -->
<aggregateDerivativesPositionsValue> xs:integer </aggregateDerivativesPositionsValue> [0..1]

```

```

<!-- Item B - Assets, financing and investor concentration - Q20: Provide a summary of the reporting fund's assets
and liabilities categorized using the hierarchy below and indicate the date as of which this categorization was
performed. For assets and liabilities that you report internally and to current and prospective investors as
representing fair value, or for which you are required to determine fair value in order to report the reporting
fund's regulatory assets under management on Form ADV, categorize them into the following categories based on the
valuation assumptions utilized -->
<fundAssetsAndLiabilities> [0..1]
  Start All[1]
    <date> xs:date </date> [1]
    <assetsValue> [0..1]
      Start All[1]
        <fairValueLevel1AssetsValue> xs:integer </fairValueLevel1AssetsValue> [0..1]
        <fairValueLevel2AssetsValue> xs:integer </fairValueLevel2AssetsValue> [0..1]
        <fairValueLevel3AssetsValue> xs:integer </fairValueLevel3AssetsValue> [0..1]
        <costBasedAssetsValue> xs:integer </costBasedAssetsValue> [0..1]
        <cashAssetsValue> xs:integer </cashAssetsValue> [0..1]
      End All
    </assetsValue>
    <liabilitiesValue> [0..1]
      Start All[1]
        <fairValueLevel1LiabilitiesValue> xs:integer </fairValueLevel1LiabilitiesValue> [0..1]
        <fairValueLevel2LiabilitiesValue> xs:integer </fairValueLevel2LiabilitiesValue> [0..1]
        <fairValueLevel3LiabilitiesValue> xs:integer </fairValueLevel3LiabilitiesValue> [0..1]
        <costBasedLiabilitiesValue> xs:integer </costBasedLiabilitiesValue> [0..1]
        <cashLiabilitiesValue> xs:integer </cashLiabilitiesValue> [0..1]
      End All
    </liabilitiesValue>
  End All
</fundAssetsAndLiabilities>

<!-- Item B - Assets, financing and investor concentration - Q21: Specify the approximate percentage of the
reporting fund's equity that is beneficially owned by the five beneficial owners having the largest equity
interests in the reporting fund -->
<beneficiallyOwnedEquityByTop5Owners> xs:decimal </beneficiallyOwnedEquityByTop5Owners> [1]

<!-- Item B - Assets, financing and investor concentration - Q22: Specify the approximate percentage of the
reporting fund's equity that is beneficially owned by the following groups of investors. If you select "other,"
describe in Question 4 the type of investor, why it would not qualify for any of the other groups, and any other
information to explain your selection -->
<beneficiallyOwnedEquityByInvestors> [1]
  <beneficiallyOwnedEquityByInvestor> beneficiallyOwnedEquityByInvestorsItem </beneficiallyOwnedEquityByInvestor>
  [1..*]
</beneficiallyOwnedEquityByInvestors>
End All
</assetsFinancingInvestorConcentration>

```

## Schema Component Representation

```

<xs:element name="assetsFinancingInvestorConcentration">
  <xs:complexType>
    <xs:all>
      <xs:element name="grossAsset">
        <xs:complexType>
          <xs:all>
            <xs:element name="total" type="assetValueType"/>
            <xs:element name="firstMonth" type="assetValueType" minOccurs="0" maxOccurs="1"/>
            <xs:element name="secondMonth" type="assetValueType" minOccurs="0" maxOccurs="1"/>
            <xs:element name="isValueAboveGrossAssetValueOfFirstMonth" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
            <xs:element name="isValueAboveGrossAssetValueOfSecondMonth" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="netAsset">
        <xs:complexType>
          <xs:all>
            <xs:element name="total" type="assetValueType"/>
            <xs:element name="firstMonth" type="assetValueType" minOccurs="0" maxOccurs="1"/>
            <xs:element name="secondMonth" type="assetValueType" minOccurs="0" maxOccurs="1"/>
            <xs:element name="isValueAboveNetAssetValueOfFirstMonth" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
            <xs:element name="isValueAboveNetAssetValueOfSecondMonth" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="unfundedValue" type="xs:integer"/>
      <xs:element name="fundActivities">
        <xs:complexType>
          <xs:all>
            <xs:element name="duringReportingPeriod" type="contributionWithdrawalType" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month1" type="contributionWithdrawalType" minOccurs="0" maxOccurs="1"/>

```

```

    <xs:element name="month2" type="contributionWithdrawalType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="month3" type="contributionWithdrawalType" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
</xs:element>
<xs:element name="valueOfExternalPrivateFund" type="xs:integer"/>
<xs:element name="isFeederFund" type="xs:boolean"/>
<xs:element name="masterFund" type="masterFundInfo" minOccurs="0" maxOccurs="1"/>
<xs:element name="hasInternalMasterPrivateFund" type="xs:boolean"/>
<xs:element name="internalMasterPrivateFund" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="internalMasterPrivateFund" type="masterFundInfo" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="parallelManagedAccountsValue" type="xs:integer"/>
<xs:element name="baseCurrency" type="currencyCodeType" minOccurs="0" maxOccurs="1"/>
<xs:element name="baseCurrencyOther" type="xs:string" minOccurs="0" maxOccurs="1"/>
<xs:element name="borrowingsAndOtherCreditors" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:all>
      <xs:element name="borrowedTotalAmount" type="xs:integer"/>
      <xs:element name="percentageUSDepositoryInstitution" type="xs:decimal"/>
      <xs:element name="percentageUSNonDepositoryInstitution" type="xs:decimal"/>
      <xs:element name="percentageNonUSCreditors" type="xs:decimal"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="hasOutstandingDerivativesPositions" type="xs:boolean"/>
<xs:element name="aggregateDerivativesPositionsValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
<xs:element name="fundAssetsAndLiabilities" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:all>
      <xs:element name="date" type="xs:date"/>
      <xs:element name="assetsValue" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:all>
            <xs:element name="fairValueLevel1AssetsValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="fairValueLevel2AssetsValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="fairValueLevel3AssetsValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="costBasedAssetsValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="cashAssetsValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="liabilitiesValue" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:all>
            <xs:element name="fairValueLevel1LiabilitiesValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="fairValueLevel2LiabilitiesValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="fairValueLevel3LiabilitiesValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="costBasedLiabilitiesValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="cashLiabilitiesValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="beneficiallyOwnedEquityByTop5Owners" type="xs:decimal"/>
<xs:element name="beneficiallyOwnedEquityByInvestors">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="beneficiallyOwnedEquityByInvestor" type="beneficiallyOwnedEquityByInvestorsItem" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:all>
</xs:complexType>
</xs:element>

```

Element: **authorizedRepresentativeSignature**

Name	authorizedRepresentativeSignature
Type	Locally-defined complex type
Nillable	no
Abstract	no

XML Instance Representation

```
<authorizedRepresentativeSignature>
  Start All[1]
    <name> xs:string </name> [1]
    <signature> xs:string </signature> [1]
    <signatureTitle> xs:string </signatureTitle> [1]
    <email> xs:string </email> [1]
    <phoneNumber> xs:string </phoneNumber> [1]
    <signatureDate> xs:string </signatureDate> [1]
  End All
</authorizedRepresentativeSignature>
```

Schema Component Representation

```
<xs:element name="authorizedRepresentativeSignature">
  <xs:complexType>
    <xs:all>
      <xs:element name="name" type="xs:string"/>
      <xs:element name="signature" type="xs:string"/>
      <xs:element name="signatureTitle" type="xs:string"/>
      <xs:element name="email" type="xs:string"/>
      <xs:element name="phoneNumber" type="xs:string"/>
      <xs:element name="signatureDate" type="xs:string"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)



Element: feederFund

Name	feederFund
Type	Locally-defined complex type
Nilable	no
Abstract	no
Documentation	Q7(a) Feeder fund Information

XML Instance Representation

```
<feederFund>
  Start All[1]

  <!-- Q7(a)(i): Name of feeder fund -->
  <name> xs:string </name> [1]

  <!-- Q7(a)(ii): Private fund identification number of the feeder fund -->
  <fundId> xs:string </fundId> [1]

  <!-- Q7(a)(iii): Is the feeder fund a separate reporting fund? If so, check "yes," below. If the feeder fund is a
  "disregarded" feeder fund in accordance with Instruction 6, check "no." -->
  <isSeparateFund> xs:boolean </isSeparateFund> [1]

  End All
</feederFund>
```

Schema Component Representation

```
<xs:element name="feederFund">
  <xs:complexType>
    <xs:all>
      <xs:element name="name" type="xs:string"/>
      <xs:element name="fundId" type="xs:string"/>
      <xs:element name="isSeparateFund" type="xs:boolean"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: **filingType**

Name	filingType
Type	Locally-defined simple type
Nilable	no
Abstract	no

XML Instance Representation

```
<filingType> xs:string (value comes from list: {'PF-INIT' | 'PF-AMEND' | 'PF-UPDATING' | 'PF-FINAL' | 'PF-TRANS'})
</filingType>
```

Schema Component Representation

```
<xs:element name="filingType">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="PF-INIT"/>
      <xs:enumeration value="PF-AMEND"/>
      <xs:enumeration value="PF-UPDATING"/>
      <xs:enumeration value="PF-FINAL"/>
      <xs:enumeration value="PF-TRANS"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

[Table of Contents](#)

Element: **firmIdentifyingInformation**

Name	firmIdentifyingInformation
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<firmIdentifyingInformation>
  Start All[1]
    <nfaId> xs:string </nfaId> [0..1]
    <largeTraderId> xs:string </largeTraderId> [0..1]
    <largeTraderSffx> xs:string </largeTraderSffx> [0..1]
    <legalEntityId> xs:string </legalEntityId> [0..1]
  End All
</firmIdentifyingInformation>
```

Schema Component Representation

```
<xs:element name="firmIdentifyingInformation">
  <xs:complexType>
    <xs:all>
      <xs:element name="nfaId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="largeTraderId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="largeTraderSffx" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: fund

Name	fund
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<fund>
  Start All[1]

  <!-- Indicate if a fund and/or its sections is updated/not updated/removed in the filing -->
  <actions> ... </actions> [1]

  <!-- section 1b Item A fund information -->
  <fundInfo> ... </fundInfo> [1]

  <!-- Section 1b item B - fund specific info applicable for all fund types -->
  <assetsFinancingInvestorConcentration> ... </assetsFinancingInvestorConcentration> [1]

  <!-- Section 1b item C - each fund info applicable for all fund types -->
  <performance> ... </performance> [1]

  <!-- Section 1c - each fund info applicable for hedge type fund only -->
  <hedge1c> ... </hedge1c> [0..1]

  <!-- Section 2 large hedge fund -->
  <hedge2> ... </hedge2> [0..1]

  <!-- Section 3 liquidity fund -->
  <liquidityFund> ... </liquidityFund> [0..1]

  <!-- Section 4 - each fund info applicable for private equity data for funds -->
  <privateEquity> ... </privateEquity> [0..1]

  End All
</fund>
```

Schema Component Representation

```
<xs:element name="fund">
  <xs:complexType>
    <xs:all>
      <xs:element ref="actions"/>
      <xs:element ref="fundInfo"/>
      <xs:element ref="assetsFinancingInvestorConcentration"/>
      <xs:element ref="performance"/>
      <xs:element ref="hedge1c" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="hedge2" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="liquidityFund" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="privateEquity" minOccurs="0" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Name	fundInfo
Type	Locally-defined complex type
Nilable	no
Abstract	no
Documentation	Section 1B - Item A Fund Information

XML Instance Representation

```
<fundInfo>
  Start All[1]

  <!-- Item A - Reporting fund identifying information - Q5(a): Name of the reporting fund -->
  <name> xs:string </name> [1]

  <!-- Item A - Reporting fund identifying information - Q5(b): Private fund identification number of the reporting fund -->
  <fundId> xs:string </fundId> [1]

  <!-- Item A - Reporting fund identifying information - Q5(c): NFA identification number of the reporting fund, if applicable -->
  <nfaId> xs:string </nfaId> [0..1]

  <!-- Item A - Reporting fund identifying information - Q5(d): LEI of the reporting fund, if any -->
  <legalEntityId> xs:string </legalEntityId> [0..1]

  <!-- Item A - Reporting fund identifying information - Q6(a): For purposes of reporting on this Form PF, what type of fund is the reporting fund -->
  <fundType> fundType </fundType> [1]

  <!-- Item A - Reporting fund identifying information Was this fund reported on any firms Form ADV in the 7B(1) or 7B(2)????????? -->
  <isPriorADVFund> xs:boolean </isPriorADVFund> [1]

  <!-- Item A - Reporting fund identifying information - Q6(b): Is the reporting fund a commodity pool? -->
  <isCommodityPool> xs:boolean </isCommodityPool> [1]

  <!-- Item A - Reporting fund identifying information - Q6(c): Does the reporting fund operate as a UCITS -->
  <isFundUcits> xs:boolean </isFundUcits> [1]

  <!-- Q6(d): If you checked yes in (c), in what countries does the reporting fund operate as a UCITS -->
  <countriesUcits> [0..1]
    <country> ... </country> [1..*]
  </countriesUcits>

  <!-- Q6(f): Does the reporting fund operate as an AIF? -->
  <isFundAif> xs:boolean </isFundAif> [1]

  <!-- Item A - Reporting fund identifying information - 6.(f) If you checked yes in (e), in what countries does the reporting fund operate as an AIF? -->
  <countriesAif> [0..1]
    <country> ... </country> [1..*]
  </countriesAif>

  <!-- Item A - Reporting fund identifying information - Q6(g): Does the reporting fund offer itself as a money market fund outside the United States -->
  <isMoneyMarketFundNonUS> xs:boolean </isMoneyMarketFundNonUS> [1]

  <!-- Item A - Reporting fund identifying information - Q6(h): If you checked yes in (g), in what countries does the reporting fund offer itself as a money market fund -->
  <moneyMarketFundCountries> [0..1]
    <country> ... </country> [1..*]
  </moneyMarketFundCountries>

  <!-- Item A - Reporting fund identifying information - Q7(a) Is the reporting fund the master fund of a master-feeder arrangement? If so, check "yes" below, and complete (i) and (ii) for each feeder fund. Otherwise, check "no." See Instructions 5, 6, and 7 for information on treatment of master-feeder arrangements -->
  <isMasterFund> xs:boolean </isMasterFund> [1]

  <!-- Item A - Reporting fund identifying information - Q7(a)(i-iii)Add feeder fund details -->
  <feederFunds> [0..1]
    <feederFund> ... </feederFund> [1..*]
  </feederFunds>

  <!-- Item A - Reporting fund identifying information - Q7(b)Do any internal private funds (other than the feeder funds identified in (a) above) invest in the reporting fund? If so, check "yes" and complete (i), (ii), and (iii) for each such internal private fund. Otherwise, check "no." -->
  <hasInternalPrivateFund> xs:boolean </hasInternalPrivateFund> [1]

  <!-- Item A - Reporting fund identifying information - Q7(b)(i-iii)Add internal private fund details -->
  <internalPrivateFunds> [0..1]
    <internalPrivateFund> ... </internalPrivateFund> [1..*]
  </internalPrivateFunds>
```

```

<!-- Item A - Reporting fund identifying information - Q8(a): Is the reporting fund a component of a parallel fund
structure? If so, check "yes" below. Otherwise, check "no." (See Instructions 5 and 6 for information regarding the
treatment of parallel funds.) -->
<isParallelFund> xs:boolean </isParallelFund> [1]

<!-- Item A - Reporting fund identifying information - Q8(b): Add Parallel funds (Parallel private fund list must
have at least one element if 'Yes' is selected for Question 8(a).
) -->
<parallelFunds> [0..1]
  <parallelFund> ... </parallelFund> [1..*]
</parallelFunds>

<!-- Item A - Reporting fund identifying information - Q9 If the reporting fund holds assets, incurs leverage or
conducts trading or other activities through a trading vehicle, provide the following information about each
trading vehicle) -->
<tradingVehicles> [0..1]
  <tradingVehicle> ... </tradingVehicle> [0..*]
</tradingVehicles>

<!-- Item A - Reporting fund identifying information - Q10: reporting fund Withdrawal Redemption Information; if
applicable -->
<withdrawalRedemption> [1]
  Start All[1]

  <!-- Item A - Reporting fund identifying information - Q10(a): Is the reporting fund an open-end private fund;
  (If you responded "no" to both question 10(a) and question 10(b), please provide a detailed explanation in
  question 4.) -->
  <isOpenEndPrivateFund> xs:boolean </isOpenEndPrivateFund> [1]

  <!-- Item A - Reporting fund identifying information - Q10(b): Is the reporting fund a closed-end private fund
  -->
  <isClosedEndPrivateFund> xs:boolean </isClosedEndPrivateFund> [1]

  <!-- Item A - Reporting fund identifying information - Q10(c): If you responded "yes" to 10(a), indicate
  whether withdrawals/redemptions are permitted most commonly (i.e. with respect to most investors) (regardless
  of whether there are notice requirements, "gates," lock-ups, or other restrictions on withdrawals/redemptions)
  -->
  <withdrawalRedemptionTerm> withdrawalRedemptionTermType </withdrawalRedemptionTerm> [0..1]

  <!-- Item A - Reporting fund identifying information - Q10(d): If you responded "yes" to 10(a), indicate, as
  of the data reporting date, what percentage of the reporting fund's net asset value, if any -->
  <navPercentageOfSuspensionOrRestrictions> navPercentageOfSuspensionOrRestrictionsType
  </navPercentageOfSuspensionOrRestrictions> [0..1]

  End All
</withdrawalRedemption>
End All
</fundInfo>

```

## Schema Component Representation

```

<xs:element name="fundInfo">
  <xs:complexType>
    <xs:all>
      <xs:element name="name" type="xs:string" />
      <xs:element name="fundId" type="xs:string" />
      <xs:element name="nfaId" type="xs:string" minOccurs="0" maxOccurs="1" />
      <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1" />
      <xs:element name="fundType" type="fundType" />
      <xs:element name="isPriorADVFund" type="xs:boolean" />
      <xs:element name="isCommodityPool" type="xs:boolean" />
      <xs:element name="isFundUcits" type="xs:boolean" />
      <xs:element name="countriesUcits" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="country" minOccurs="1" maxOccurs="unbounded" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="isFundAif" type="xs:boolean" />
      <xs:element name="countriesAif" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="country" minOccurs="1" maxOccurs="unbounded" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="isMoneyMarketFundNonUS" type="xs:boolean" />
      <xs:element name="moneyMarketFundCountries" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="country" minOccurs="1" maxOccurs="unbounded" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</fundInfo>

```

```

<xs:element name="isMasterFund" type="xs:boolean"/>
<xs:element name="feederFunds" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="feederFund" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="hasInternalPrivateFund" type="xs:boolean"/>
<xs:element name="internalPrivateFunds" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="internalPrivateFund" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="isParallelFund" type="xs:boolean"/>
<xs:element name="parallelFunds" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="parallelFund" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="tradingVehicles" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="tradingVehicle" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="withdrawalRedemption">
  <xs:complexType>
    <xs:all>
      <xs:element name="isOpenEndPrivateFund" type="xs:boolean"/>
      <xs:element name="isClosedEndPrivateFund" type="xs:boolean"/>
      <xs:element name="withdrawalRedemptionTerm" type="withdrawalRedemptionTermType" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="navPercentageOfSuspensionOrRestrictions"
type="navPercentageOfSuspensionOrRestrictionsType" minOccurs="0" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
</xs:all>
</xs:complexType>
</xs:element>

```

[Table of Contents](#)

Name	hedge1c
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<hedge1c>
  Start All[1]

  <!-- Item B - Certain information regarding the reporting fund - Q25: Indicate which of the investment strategies
  best describe the reporting fund's strategies on the last day of the reporting period. For each strategy that you
  have selected, provide a good faith estimate of the percentage of the reporting fund's net asset value represented
  by that strategy. If, in your view, the reporting fund's allocation among strategies is appropriately represented
  by the percentage of deployed capital, you may also provide that information -->
  <strategyTypeNetAssetValueAndCapital> [1]
    <strategyTypeNetAssetValueAndCapital> [1..*]
      Start All[1]
        <strategyType> investmentStrategyType </strategyType> [1]
        <percentageNetAssetValue> xs:decimal </percentageNetAssetValue> [1]
        <percentageCapital> xs:decimal </percentageCapital> [0..1]
      End All
    </strategyTypeNetAssetValueAndCapital>
  </strategyTypeNetAssetValueAndCapital>

  <!-- Item B - Certain information regarding the reporting fund - Q26: Consolidated Counterparty Exposure Table; Not
  required if section 2 question 41 is answered -->
  <consolidatedCounterpartyExposure> [0..1]
    Start All[1]
      <hasPrimeBrokerageAgreement> xs:boolean </hasPrimeBrokerageAgreement> [0..1]
      <exposure> hedge1cCounterpartyExposureBreakdown </exposure> [0..1]
    End All
  </consolidatedCounterpartyExposure>

  <!-- Item B - Certain information regarding the reporting fund - Q27: Identify each creditor or other counterparty
  (including CCPs) to which the reporting fund owed an amount in respect of cash borrowing entries(before posted
  collateral) which is equal to or greater than either (1) 5% of net asset value as of the data reporting date, or
  (2) $1 billion. If there are more than five such counterparties, report the five counterparties to which the
  reporting fund owed the largest dollar amount in cash borrowing entries before taking into account collateral
  posted by the reporting fund. (You are not required to complete this question if the reporting fund is a qualifying
  hedge fund and you complete Question 42 in Section 2) -->
  <top5CreditorCounterpartyExposure> [0..1]
    <counterparty> creditorCounterpartyExposure </counterparty> [0..5]
  </top5CreditorCounterpartyExposure>

  <!-- Item B - Certain information regarding the reporting fund - Q28: Provide the following information for
  counterparties to which the reporting fund had net mark to market counterparty credit exposure, after taking into
  account collateral received or posted by the reporting fund, which is equal to or greater than either (1) 5% of the
  reporting fund's net asset value as of the data reporting date, or (2) $1 billion. Include CCPs or other third
  parties holding collateral posted by the reporting fund in respect of cleared exposures (including tri-party repo).
  If there are more than five such counterparties, report the five to which the reporting fund had the greatest mark
  to market exposure after taking into account collateral. (You are not required to complete this question if the
  reporting fund is a qualifying hedge fund and you complete Question 43 in Section 2) -->
  <top5DebtorCounterpartyExposure> [0..1]
    <counterparty> debtorCounterpartyExposure </counterparty> [0..5]
  </top5DebtorCounterpartyExposure>
```



```

<!-- Item B - Certain information regarding the reporting fund - Q29: Provide the following information regarding
your use of trading and clearing mechanisms during the reporting period -->
<tradingAndClearing> [1]
  Start All[1]

  <!-- Q29(a): securities (other than derivatives) that were traded by the reporting fund -->
  <securitiesTraded> [1]
    Start All[1]
    <regulatedExchange> tradingAndClearingItems </regulatedExchange> [1]
    <otc> tradingAndClearingItems </otc> [1]
    End All
  </securitiesTraded>

  <!-- Q29(b): interest rate derivatives that were traded by the reporting fund -->
  <interestRateDerivativesTraded> [1]
    Start All[1]
    <regulatedExchange> tradingAndClearingItems </regulatedExchange> [1]
    <otcClearedbyCCP> tradingAndClearingItems </otcClearedbyCCP> [1]
    <otcNotClearedByCCP> tradingAndClearingItems </otcNotClearedByCCP> [1]
    End All
  </interestRateDerivativesTraded>

  <!-- Q29(c): derivatives (other than interest rate derivatives) that were traded by the reporting fund -->
  <otherDerivativesTraded> [1]
    Start All[1]
    <regulatedExchange> tradingAndClearingItems </regulatedExchange> [1]
    <otcClearedbyCCP> tradingAndClearingItems </otcClearedbyCCP> [1]
    <otcNotClearedByCCP> tradingAndClearingItems </otcNotClearedByCCP> [1]
    End All
  </otherDerivativesTraded>

  <!-- Q29(d): repo/reverse repo trades that were entered into by the reporting fund -->
  <repoTrades> [0..1]
    Start All[1]
    <clearedbyCCPOtherThanSponsoredRepo> tradingAndClearingItems </clearedbyCCPOtherThanSponsoredRepo> [1]
    <clearedbyCCPSponsoredRepo> tradingAndClearingItems </clearedbyCCPSponsoredRepo> [1]
    <bilaterallyTransacted> tradingAndClearingItems </bilaterallyTransacted> [1]
    <tripartyRepoNotClearedByCCP> tradingAndClearingItems </tripartyRepoNotClearedByCCP> [1]
    End All
  </repoTrades>
End All
</tradingAndClearing>

<!-- Item B - Certain information regarding the reporting fund - Q30: For transactions of the reporting fund that
are not described in any of the categories listed in items (a) through (d) of Question 29 -->
<otherTransactions> tradingAndClearingItems </otherTransactions> [0..1]
End All
</hedge1c>

```

## Schema Component Representation

```

<xs:element name="hedge1c">
  <xs:complexType>
    <xs:all>
      <xs:element name="strategyTypeNetAssetValueAndCapital">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="strategyTypeNetAssetValueAndCapital" minOccurs="1" maxOccurs="unbounded">
              <xs:complexType>
                <xs:all>
                  <xs:element name="strategyType" type="investmentStrategyType"/>
                  <xs:element name="percentageNetAssetValue" type="xs:decimal"/>
                  <xs:element name="percentageCapital" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
                </xs:all>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="consolidatedCounterpartyExposure" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:all>
            <xs:element name="hasPrimeBrokerageAgreement" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
            <xs:element name="exposure" type="hedge1cCounterpartyExposureBreakdown" minOccurs="0" maxOccurs="1"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="top5CreditorCounterpartyExposure" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="counterparty" type="creditorCounterpartyExposure" minOccurs="0" maxOccurs="5"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>

```

```

</xs:element>
<xs:element name="top5DebtorCounterpartyExposure" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="counterparty" type="debtorCounterpartyExposure" minOccurs="0" maxOccurs="5"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="tradingAndClearing">
  <xs:complexType>
    <xs:all>
      <xs:element name="securitiesTraded">
        <xs:complexType>
          <xs:all>
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            <xs:element name="clearedbyCCPOtherThanSponsoredRepo" type="tradingAndClearingItems"/>
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            <xs:element name="bilaterallyTransacted" type="tradingAndClearingItems"/>
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[Table of Contents](#)

Name	hedge2
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

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<hedge2>
  Start All[1]
  <!-- Item B - Reporting fund exposures and trading -->
  <exposuresAndTrading> [1]
    Start All[1]
    <!-- Item B - Reporting fund exposures and trading - Q32(a)(i) Report the dollar value of long positions and
    the dollar value of short positions in each sub-asset class by instrument type -->
    <assetExposure1> [1]
      <assetExposure1Item> exposureByAssetAndInstrument </assetExposure1Item> [0..*]
    </assetExposure1>
    <!-- Item B - Reporting fund exposures and trading - Q32(a)(ii) Report the dollar value of long positions and
    the dollar value of short positions for the sub-asset class (not by instrument type) for these sub-asset
    classes -->
    <assetExposure2> [1]
      <assetExposure2Item> exposureByAsset </assetExposure2Item> [0..*]
    </assetExposure2>
    <!-- Item B - Reporting fund exposures and trading - Q32(b)(i) For each sub-asset class in which the reporting
    fund held relevant positions, calculate the adjusted exposure of long and short positions by netting positions
    in the same underlying reference asset across instrument type, and for fixed income assets, within the same
    term, using the following maturity buckets: 0-1 year, 1-2 year, 2-5 year, 5-10 year, 10-15 year, 15-20 year,
    and 20+ year -->
    <assetAdjustedExposure1> [1]
      <assetAdjustedExposure1Item> adjustedExposureByAsset </assetAdjustedExposure1Item> [0..*]
    </assetAdjustedExposure1>
    <!-- Item B - Reporting fund exposures and trading - Q32(b)(ii) If, under your methodologies for internal
    reporting and reporting to investors, you do not net all positions across all instrument types in monitoring
    the economic exposure of the reporting fund's investment positions, you must also (i) report adjusted exposure
    for each subasset class calculated using your internal methodologies, and (ii) describe in Question 4 how your
    internal methodologies differ from the calculations required by subsection (b)(1) -->
    <assetAdjustedExposure2> [0..1]
      <assetAdjustedExposure2Item> adjustedExposureByAsset </assetAdjustedExposure2Item> [0..*]
    </assetAdjustedExposure2>
    <!-- Item B - Reporting fund exposures and trading - Q32(c) Interest rate risk (10-year bond equivalent). For
    sub-asset classes with interest rate risk, report the 10-year bond equivalent of the sub-asset class long
    position dollar value and short position dollar value (by instrument type, if applicable) and adjusted
    exposure. Report 10-year bond equivalent as a long value for positions that have a gain when rates decline,
    and as a short value for positions that have a loss when rates decline -->
    <assetExposureInterestRateRisk> [0..1]
      <assetExposureInterestRateRiskItem> exposureInterestRateRisk </assetExposureInterestRateRiskItem> [0..*]
    </assetExposureInterestRateRisk>
    <!-- Item B - Reporting fund exposures and trading - Q33(a) For each month of the reporting period, report the
    net long value and net short value of the reporting fund's currency exposure arising from foreign exchange
    derivatives and all other assets and liabilities of the reporting fund that are denominated in a currency
    other than the reporting fund's base currency -->
    <currencyExposure> [0..1]
      <currencyExposureItem> exposureByCurrency </currencyExposureItem> [0..*]
    </currencyExposure>
    <!-- Item B - Reporting fund exposures and trading - Q33(b)For each month of the reporting period, identify
    each currency to which the reporting fund has long dollar value or short dollar value exposure equal to or
    exceeding either (1) 5% of the reporting fund's net asset value or (2) $1 billion and report the long dollar
    value and short dollar value of this exposure in U.S. dollars -->
    <currencyExposure5PercentOr1Billion> [0..1]
      <currencyExposureItem> exposureByCurrency </currencyExposureItem> [0..*]
    </currencyExposure5PercentOr1Billion>
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<!-- Item B - Reporting fund exposures and trading - Q34 For each month of the reporting period, provide the
value of turnover during the month in each of the asset classes listed below for the reporting fund -->
<turnover> [1]
  Start All[1]
    <listedEquity> turnoverByAssetItem </listedEquity> [0..1]
    <corporateBonds> turnoverByAssetItem </corporateBonds> [0..1]
    <convertibleBonds> turnoverByAssetItem </convertibleBonds> [0..1]
    <sovereignAndMunicipalBonds> [0..1]
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        <usTreasuryNotesAndBonds> turnoverByAssetItem </usTreasuryNotesAndBonds> [0..1]
        <agencySecurities> turnoverByAssetItem </agencySecurities> [0..1]
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        <otherSovereignBonds> turnoverByAssetItem </otherSovereignBonds> [0..1]
        <usStateAndLocalBonds> turnoverByAssetItem </usStateAndLocalBonds> [0..1]
      End All
    </sovereignAndMunicipalBonds>
    <listedEquityDerivatives> turnoverByAssetItem </listedEquityDerivatives> [0..1]
    <interestRateDerivatives> [0..1]
      Start All[1]
        <usDollars> [0..1]
          Start All[1]
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            <swaps> turnoverByAssetItem </swaps> [0..1]
            <options> turnoverByAssetItem </options> [0..1]
            <otherDerivativeInstrumentTypes> turnoverByAssetItem </otherDerivativeInstrumentTypes> [0..1]
          End All
        </usDollars>
        <nonUsCurrencies> [0..1]
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            <options> turnoverByAssetItem </options> [0..1]
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          End All
        </nonUsCurrencies>
      End All
    </interestRateDerivatives>
    <foreignExchangeDerivatives> [0..1]
      Start All[1]
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        <options> turnoverByAssetItem </options> [0..1]
        <otherInstrumentTypes> turnoverByAssetItem </otherInstrumentTypes> [0..1]
      End All
    </foreignExchangeDerivatives>
    <derivativeUsTreasurySecurities> turnoverByAssetItem </derivativeUsTreasurySecurities> [0..1]
    <derivativeG10CountryBonds> turnoverByAssetItem </derivativeG10CountryBonds> [0..1]
    <derivativeOtherSovereignBonds> turnoverByAssetItem </derivativeOtherSovereignBonds> [0..1]
    <otherDerivatives> turnoverByAssetItem </otherDerivatives> [0..1]
  End All
</turnover>

<!-- Item B - Reporting fund exposures and trading - Q35 For each month of the reporting period, identify by
ISO country code, each country to which the reporting fund has long dollar value or short dollar value
exposure equal or exceeding either (1) 5% of the reporting fund's net asset value or (2) $1 billion., and
report the long dollar value and short dollar value of this exposure in U.S. dollars -->
<countryExposure5PercentOr1Billion> [0..1]
  <countryExposureItem> exposureByCountry </countryExposureItem> [0..*]
</countryExposure5PercentOr1Billion>

<!-- Item B - Reporting fund exposures and trading - Q36 For each month of the reporting period, identify the
reporting fund's exposure by industry, based on the NAICS codes of the underlying exposures, equal or
exceeding either (1) 5% of the reporting fund's net asset value or (2) $1 billion, and report the long dollar
value and short dollar value of this exposure in U.S. dollars -->
<industryExposure5PercentOr1Billion> [0..1]
  <industryExposureItem> exposureByIndustry </industryExposureItem> [0..*]
</industryExposure5PercentOr1Billion>

<!-- Item B - Reporting fund exposures and trading - Q37 Provide the following information regarding the
liquidity of the reporting fund's portfolio -->
<liquidity> liquidityPercentageByPeriod </liquidity> [0..1]

<!-- Item B - Reporting fund exposures and trading - Q38 Value of reporting fund's unencumbered cash -->
<unencumberedCashValue> [0..1]
  Start All[1]
    <month1> xs:decimal </month1> [1]
    <month2> xs:decimal </month2> [1]
    <month3> xs:decimal </month3> [1]
  End All
</unencumberedCashValue>

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<!-- Item B - Reporting fund exposures and trading - Q39 Report the following with respect to the reporting
fund's long and short netted exposure to reference assets at the end of each month of the reporting period -->
<nettedExposureForReferenceAssets> [0..1]
  Start All[1]
    <totalNumberOfReferenceAssets> [0..1]
      Start All[1]
        <month1> longShortIntegers </month1> [1]
        <month2> longShortIntegers </month2> [1]
        <month3> longShortIntegers </month3> [1]
      End All
    </totalNumberOfReferenceAssets>
    <percentageTop5> [0..1]
      Start All[1]
        <month1> longShortPercents </month1> [1]
        <month2> longShortPercents </month2> [1]
        <month3> longShortPercents </month3> [1]
      End All
    </percentageTop5>
    <percentageTop10> [0..1]
      Start All[1]
        <month1> longShortPercents </month1> [1]
        <month2> longShortPercents </month2> [1]
        <month3> longShortPercents </month3> [1]
      End All
    </percentageTop10>
  End All
</nettedExposureForReferenceAssets>

<!-- Item B - Reporting fund exposures and trading - Q40 As of the end of each month in the reporting period,
provide the information requested below for each reference asset to which the reporting fund has gross
exposure equal to or exceeding: (i) 1% of net asset value, if the reference asset is a debt security and the
reporting fund's gross exposure to the reference asset exceeds 20% of the size of the overall debt security
issuance; (ii) 1% of net asset value, if the reference asset is a listed equity and the reporting fund's gross
exposure to the reference asset exceeds 20% of average daily trading volume measured over 90 days preceding
the reporting date; or (iii) either (1) 5% of the reporting fund's net asset value or (2) $1 billion -->
<largeExposureForReferenceAssets> [0..1]
  Start All[1]
    <month1> [0..1]
      <exposureByReferenceAsset> exposureByReferenceAsset </exposureByReferenceAsset> [0..*]
    </month1>
    <month2> [0..1]
      <exposureByReferenceAsset> exposureByReferenceAsset </exposureByReferenceAsset> [0..*]
    </month2>
    <month3> [0..1]
      <exposureByReferenceAsset> exposureByReferenceAsset </exposureByReferenceAsset> [0..*]
    </month3>
  End All
</largeExposureForReferenceAssets>

<!-- Item B - Reporting fund exposures and trading - Q41 Consolidated Counterparty Exposure details the
reporting fund's borrowing and collateral received (B/CR) and lending and posted collateral (L/PC) aggregated
across all counterparties (including all CCPs) in U.S. dollars as of the end of each month of the reporting
period -->
<consolidatedCounterpartyExposure> [0..1]
  Start All[1]
    <hasPrimeBrokerageAgreement> xs:boolean </hasPrimeBrokerageAgreement> [0..1]
    <month1> consolidatedCounterpartyExposureBreakdown </month1> [0..1]
    <month2> consolidatedCounterpartyExposureBreakdown </month2> [0..1]
    <month3> consolidatedCounterpartyExposureBreakdown </month3> [0..1]
  End All
</consolidatedCounterpartyExposure>

<!-- Item B - Reporting fund exposures and trading - Q42(a) Individual Counterparty Exposure Table - Top 5
Creditor Counterparties [1, 2, 3, 4, 5]: (Because borrowing and cash lending should be netted for each
counterparty, only one entry is required) -->
<top5CreditorCounterpartyExposure> [0..1]
  <counterparty> top5CreditorExposureItem </counterparty> [0..5]
</top5CreditorCounterpartyExposure>

<!-- Item B - Reporting fund exposures and trading - Q42a Identify each creditor or other counterparty
(including CCPs) to which the reporting fund owed an amount in respect of cash borrowing entries (before
posted collateral) which is equal to or greater than either (1) 5% of net asset value as of the data reporting
date, or (2) $1 billion. In subsection (a), complete an individual counterparty exposure table for the five
creditors and counterparties to which the reporting fund owed the greatest dollar amount in cash borrowing
entries (before posted collateral) -->
<otherCreditorCounterpartyExposure> [0..1]
  <counterparty> creditorCounterpartyExposure </counterparty> [0..*]
</otherCreditorCounterpartyExposure>

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<!-- Item B - Reporting fund exposures and trading - Q43(a) Individual Counterparty Exposure Table - Top
'Debtor' Counterparties -->
<top5DebtorCounterpartyExposure> [0..1]
  <counterparty> top5DebtorExposureItem </counterparty> [0..5]
</top5DebtorCounterpartyExposure>

<!-- Item B - Reporting fund exposures and trading - Q43(b) Other Debtor Counterparties -->
<otherDebtorCounterpartyExposure> [0..1]
  <counterparty> debtorCounterpartyExposure </counterparty> [0..*]
</otherDebtorCounterpartyExposure>

<!-- Item B - Reporting fund exposures and trading - Q44 Identify each CCP or other third party holding
collateral posted by the reporting fund in respect of cleared exposures (including tri-party repo) equal to or
exceeding either (1) 5% of the reporting fund's net asset value as of the data reporting date or (2) $1
billion. (Exclude counterparties reported in Questions 42 and 43). If a different legal entity than the
reporting fund owns the collateral, report the entity's legal name and its LEI, if any -->
<ccpOrThirdPartyExposure> [0..1]
  <ccpOrThirdParty> [0..*]
    Start All[1]
      <legalName> xs:string </legalName> [1]
      <legalEntityId> xs:string </legalEntityId> [0..1]
      <affiliatedFinancialInstitution> majorFinancialInstitution </affiliatedFinancialInstitution> [1]
      <otherAffiliation> xs:string </otherAffiliation> [0..1]
      <postedMargin> xs:integer </postedMargin> [1]
      <netExposure> xs:integer </netExposure> [1]
      <entityLegalName> xs:string </entityLegalName> [0..1]
      <entityLEI> xs:string </entityLEI> [0..1]
    End All
  </ccpOrThirdParty>
</ccpOrThirdPartyExposure>

<!-- Item B - Reporting fund exposures and trading - Q45 Of the total amount of collateral and other credit
support that counterparties have posted to the reporting fund, what percentage -->
<rehypothecatedPercentage> [0..1]
  Start All[1]
    <mayBeRehypothecated> xs:integer </mayBeRehypothecated> [0..1]
    <hasBeenRehypothecated> xs:integer </hasBeenRehypothecated> [0..1]
  End All
</rehypothecatedPercentage>
End All
</exposuresAndTrading>

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```

<!-- Item C - Reporting fund risk metrics and performance -->
<riskMetricsAndPerformance> [0..1]
  Start All[1]

    <!-- Item C - Reporting fund risk metrics and performance - Q46(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) -->
    <var> [1]
      Start All[1]
        <isVaRCalculated> xs:boolean </isVaRCalculated> [1]
        <detail> [0..1]
          <varItem> varItem </varItem> [1..*]
        </detail>
      End All
    </var>

    <!-- Item C - Reporting fund risk metrics and performance - Q47 For each of the market factors identified
    below, determine the effect of the specified changes on the reporting fund's portfolio and provide the
    results. For market factors that have no direct effect on the reporting fund's portfolio, enter zero -->
    <changeEffectForMarketFactors> [1]
      Start All[1]
        <equityPriceChange> standardChangeEffect </equityPriceChange> [1]
        <nonParallelRiskFreeInterestRateChange> [1]
          Start All[1]
            <relevancy> changeEffectRelevancy </relevancy> [1]
            <zeroToThreeYearIncrease50bp> longShortPercents </zeroToThreeYearIncrease50bp> [0..1]
            <zeroToThreeYearDecrease50bp> longShortPercents </zeroToThreeYearDecrease50bp> [0..1]
            <threeToTenYearIncrease50bp> longShortPercents </threeToTenYearIncrease50bp> [0..1]
            <threeToTenYearDecrease50bp> longShortPercents </threeToTenYearDecrease50bp> [0..1]
            <moreThanTenYearIncrease50bp> longShortPercents </moreThanTenYearIncrease50bp> [0..1]
            <moreThanTenYearDecrease50bp> longShortPercents </moreThanTenYearDecrease50bp> [0..1]
          End All
        </nonParallelRiskFreeInterestRateChange>
        <creditSpreadChange> [1]
          Start All[1]
            <relevancy> changeEffectRelevancy </relevancy> [1]
            <increase100bp> longShortPercents </increase100bp> [0..1]
            <decrease100bp> longShortPercents </decrease100bp> [0..1]
          End All
        </creditSpreadChange>
        <currencyRatesChange> standardChangeEffect </currencyRatesChange> [1]
        <commodityPriceChange> standardChangeEffect </commodityPriceChange> [1]
        <optionImpliedVolatilitiesChange> standardChangeEffect </optionImpliedVolatilitiesChange> [1]
        <defaultRateChangeAbs> standardChangeEffect </defaultRateChangeAbs> [1]
        <defaultRateChangeCorpBondCds> standardChangeEffect </defaultRateChangeCorpBondCds> [1]
      End All
    </changeEffectForMarketFactors>

    <!-- Item C - Reporting fund risk metrics and performance - Q49 If you indicated more than one investment
    strategy for the reporting fund in Question 25 and you report performance results to current and prospective
    investors, counterparties, or otherwise, for one or more of the investment strategies reported in Question 25,
    report the gross performance results attributable to each such strategy during the reporting period in base
    currency terms -->
    <performance> [0..1]
      <investmentStrategy> performanceInvestmentStrategyItem </investmentStrategy> [0..*]
    </performance>
  End All
</riskMetricsAndPerformance>

```



```

<!-- Item D - Financing information -->
<financing> [1]
  Start All[1]
    <!-- Item D - Financing information - Q50 Financing liquidity -->
    <financingLiquidity> [1]
      Start All[1]
        <!-- Item D - Financing information - Q50(a) Provide the aggregate dollar amount of borrowing by and cash
        financing available to the reporting fund (including all drawn and undrawn, committed and uncommitted
        lines of credit as well as any term financing) -->
        <aggregateAvailableAmount> xs:integer </aggregateAvailableAmount> [1]
        <!-- Item D - Financing information - Q50(b) Provide the dollar amount of financing that is available to
        the reporting fund but not used by type -->
        <availableAmountByType> [0..1]
          Start All[1]
            <unsecuredBorrowing> xs:integer </unsecuredBorrowing> [1]
            <securedBorrowingPrimeBrokerage> xs:integer </securedBorrowingPrimeBrokerage> [1]
            <securedBorrowingReverseRepo> xs:integer </securedBorrowingReverseRepo> [1]
            <otherSecuredBorrowing> xs:integer </otherSecuredBorrowing> [1]
          End All
        </availableAmountByType>
        <!-- Item D - Financing information - Q50(c) Divide the amount reported in response to part (a) among the
        periods specified below depending on the longest period for which the creditor is contractually committed
        to provide such financing -->
        <availableAmountByPeriod> liquidityPercentageByPeriod </availableAmountByPeriod> [0..1]
      End All
    </financingLiquidity>
  End All
</financing>

<!-- Item E - Investor information -->
<investor> [1]
  Start All[1]
    <!-- Item E - Investor information - Q51 Reporting fund - "side-pocket" arrangement -->
    <sidePocket> [0..1]
      Start All[1]
        <!-- Item E - Investor information - Q51(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 -->
        <navPercentageSidePocket> xs:decimal </navPercentageSidePocket> [0..1]
        <!-- Item E - Investor information - Q51(b) (b) Have additional assets been placed in a side-pocket since
        the end of the prior reporting period -->
        <hasAdditionalAssetAddedInSidePocket> xs:boolean </hasAdditionalAssetAddedInSidePocket> [0..1]
      End All
    </sidePocket>
    <!-- Item E - Investor information - Q53 Investor liquidity (as a % of net asset value); (Divide the reporting
    fund's net asset value among the periods specified below depending on the shortest period within which
    investors are entitled, under the fund documents, to withdraw invested funds or receive redemption payments,
    as applicable. Assume that you would impose gates where applicable but that you would not completely suspend
    withdrawals/redemptions and that there are no redemption fees. Please base on the notice period before the
    valuation date rather than the date proceeds would be paid to investors.)
    (The total should add up to approximately 100%.)
    (For Question 53, please note that the standards for imposing suspensions and restrictions on
    withdrawals/redemptions may vary among funds. Make a good faith determination of the provisions that would
    likely be triggered during conditions that you view as significant market stress.) -->
    <investorLiquidity> liquidityPercentageByPeriod </investorLiquidity> [1]
  End All
</investor>
End All
</hedge2>

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## Schema Component Representation

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```



Element: **internalPrivateFund**

Name	internalPrivateFund
Type	Locally-defined complex type
Nilable	no
Abstract	no
Documentation	Q7(b) Internal private fund Information

XML Instance Representation

```
<internalPrivateFund>
  Start All[1]

  <!-- 7(b)(i) Name of internal private fund -->
  <name> xs:string </name> [1]

  <!-- Q7(b)(iii): Private fund identification number of the internal private fund -->
  <fundId> xs:string </fundId> [1]

  <!-- 7(b)(ii) Internal private fund's LEI, if it has one -->
  <legalEntityId> xs:string </legalEntityId> [0..1]

  End All
</internalPrivateFund>
```

Schema Component Representation

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```

[Table of Contents](#)

Name	liquidityFund
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<liquidityFund>
  Start All[1]

  <!-- Q55 : Item A - Reporting operational information -->
  <stablePrice> [1]
    Start All[1]
      <!-- Q55(a): Does the reporting fund seek to maintain a stable price per share? -->
      <isStablePriceMaintained> xs:boolean </isStablePriceMaintained> [1]
      <!-- Q55(b): If yes, state the price the reporting fund seeks to maintain -->
      <pricePerShare> xs:decimal </pricePerShare> [0..1]
    End All
  </stablePrice>

  <!-- Item B - Reporting fund assets - Q56: Provide information for each month of the reporting period -->
  <assets> [1]
    Start All[1]
      <month1> liquidityFundAssets </month1> [0..1]
      <month2> liquidityFundAssets </month2> [0..1]
      <month3> liquidityFundAssets </month3> [0..1]
    End All
  </assets>

  <!-- Item C - Financing Information -->
  <financing> [1]
    Start All[1]
      <!-- Q57(a): Is the amount of total borrowing reported in response to Question 18 equal to or greater than 5%
      of the reporting fund's net asset value? -->
      <isBorrowingMoreThan5Percent> xs:boolean </isBorrowingMoreThan5Percent> [1]
      <!-- Q57(b): If you responded "yes" to Question 57(a) above, divide the dollar amount of total borrowing
      reported in response to Question 18 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 -->
      <borrowingDetail> [0..1]
        Start All[1]
          <unsecured> liquidityFundBorrowingDetail </unsecured> [1]
          <secured> liquidityFundBorrowingDetail </secured> [1]
        End All
      </borrowingDetail>

      <!-- Q58(a): Does the reporting fund have in place one or more committed liquidity facilities? -->
      <hasCommittedLiquidityFacility> xs:boolean </hasCommittedLiquidityFacility> [1]
      <!-- Q58(b): If you responded "yes" to Question 58(a), provide the aggregate dollar amount of commitments
      under the liquidity facilities. -->
      <aggregateAmountCommittedLiquidityFacility> xs:integer </aggregateAmountCommittedLiquidityFacility> [0..1]
    End All
  </financing>
```



```

<!-- Item D - Investor Information -->
<investor> [1]
  Start All[1]

  <!-- Q59: Specify the number of outstanding shares or units of the reporting fund's stock or similar
  securities -->
  <outstandingSharesOfStock> xs:integer </outstandingSharesOfStock> [1]

  <!-- Q60: 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? -->
  <isCashManagementVehicle> xs:boolean </isCashManagementVehicle> [1]

  <!-- Q61: Provide the following information regarding investor concentration -->
  <investorConcentration> [1]
    Start All[1]

    <!-- Q61(a): Specify the percentage of the reporting fund's equity that is beneficially owned by the
    beneficial owner having the largest equity interest in the reporting fund -->
    <percentageOwnedByLargestBeneficialOwner> xs:decimal </percentageOwnedByLargestBeneficialOwner> [1]

    <!-- Q61(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 -->
    <beneficiallyOwned5PercentEquityByInvestors> [0..1]
      <beneficiallyOwned5PercentEquityByInvestor> beneficiallyOwnedEquityByInvestorsItem
      </beneficiallyOwned5PercentEquityByInvestor> [0..*]
    </beneficiallyOwned5PercentEquityByInvestors>
    End All
  </investorConcentration>

  <!-- Q62: Provide a good faith estimate, as of the data reporting date, of the percentage of the reporting
  fund's outstanding equity that was purchased using securities lending collateral. * -->
  <percentageEquityPurchasedUsingCollateral> xs:decimal </percentageEquityPurchasedUsingCollateral> [1]

  <!-- Q63: Restrictions on withdrawals and redemptions by investors in the reporting fund. (please note that
  the standards for imposing suspensions and restrictions on withdrawals/redemptions may vary among funds. Make
  a good faith determination of the provisions that would likely be triggered during conditions that you view as
  significant market stress.)* -->
  <withdrawalRedemptionRestrictions> navPercentageOfSuspensionOrRestrictionsType
  </withdrawalRedemptionRestrictions> [0..1]

  <!-- Q64: Investor liquidity (as a % of net asset value). (Divide the reporting fund's net asset value among
  the periods specified below depending on the shortest period within which investors are entitled, under the
  fund documents, to withdraw invested funds or receive redemption payments, as applicable. Assume that you
  would impose gates where applicable but that you would not completely suspend withdrawals/redemptions and that
  there are no redemption fees. Please base on the notice period before the valuation date rather than the date
  proceeds would be paid to investors. The total should add up to 100%.)* -->
  <investorLiquidity> liquidityPercentageByPeriod </investorLiquidity> [1]
  End All
</investor>

<!-- Item E - Portfolio information -->
<portfolio> [1]

  <!-- Q65: For each security held by the reporting fund, provide the following information for each month of the
  reporting period -->
  <security> liquidityFundSecurity </security> [1..*]
</portfolio>

<!-- Item F Disposition of Portfolio Securities -Q66: Disclose the gross market value (to the nearest cent) of
portfolio securities the reporting fund sold or disposed of during each month of the reporting period by category
of investment. Do not include portfolio securities that the fund held until maturity -->
<dispositionPortfolioSecurities> [0..1]
  <dispositionPortfolioSecuritiesItem> dispositionPortfolioSecuritiesItem </dispositionPortfolioSecuritiesItem>
  [0..*]
</dispositionPortfolioSecurities>

<!-- Item G. Parallel Money Market Funds -Q67: If the reporting fund pursues substantially the same investment
objective and strategy and invests side by side in substantially the same positions as a money market fund advised
by you or any of your related persons, provide the money market fund's EDGAR series identifier -->
<edgarIdOfMoneyMarketFund> xs:string </edgarIdOfMoneyMarketFund> [0..1]
End All
</liquidityFund>

```

## Schema Component Representation

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Name	miscellaneous
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<miscellaneous>
  Start All[1]
    <explanations> [1]
      <explanation> [0..*]
        Start All[1]
          <questionNumber> xs:string (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' | '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' | '66' | '67' | '68' | '69' |
            '70' | '71' | '72' | '73' | '74' | '75' | '76' | '77' | '78' | '79' | '80' | '81' | '82' | '83' | '84' |
            '85' | 'All'}) </questionNumber> [1]
          <description> xs:string </description> [1]
        End All
      </explanation>
    </explanations>
  End All
</miscellaneous>
```

Schema Component Representation

```
<xs:element name="miscellaneous">
  <xs:complexType>
    <xs:all>
      <xs:element name="explanations">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="explanation" minOccurs="0" maxOccurs="unbounded">
              <xs:complexType>
                <xs:all>
                  <xs:element name="questionNumber">
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:enumeration value="1"/>
                        <xs:enumeration value="2"/>
                        <xs:enumeration value="3"/>
                        <xs:enumeration value="4"/>
                        <xs:enumeration value="5"/>
                        <xs:enumeration value="6"/>
                        <xs:enumeration value="7"/>
                        <xs:enumeration value="8"/>
                        <xs:enumeration value="9"/>
                        <xs:enumeration value="10"/>
                        <xs:enumeration value="11"/>
                        <xs:enumeration value="12"/>
                        <xs:enumeration value="13"/>
                        <xs:enumeration value="14"/>
                        <xs:enumeration value="15"/>
                        <xs:enumeration value="16"/>
                        <xs:enumeration value="17"/>
                        <xs:enumeration value="18"/>
                        <xs:enumeration value="19"/>
                        <xs:enumeration value="20"/>
                        <xs:enumeration value="21"/>
                        <xs:enumeration value="22"/>
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                        <xs:enumeration value="24"/>
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                        <xs:enumeration value="26"/>
                        <xs:enumeration value="27"/>
                        <xs:enumeration value="28"/>
                        <xs:enumeration value="29"/>
                        <xs:enumeration value="30"/>
                        <xs:enumeration value="31"/>
                        <xs:enumeration value="32"/>
                        <xs:enumeration value="33"/>
                        <xs:enumeration value="34"/>
```

```

<xs:enumeration value="35"/>
<xs:enumeration value="36"/>
<xs:enumeration value="37"/>
<xs:enumeration value="38"/>
<xs:enumeration value="39"/>
<xs:enumeration value="40"/>
<xs:enumeration value="41"/>
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<xs:enumeration value="80"/>
<xs:enumeration value="81"/>
<xs:enumeration value="82"/>
<xs:enumeration value="83"/>
<xs:enumeration value="84"/>
<xs:enumeration value="85"/>
<xs:enumeration value="All"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="description" type="xs:string"/>
</xs:all>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:all>
</xs:complexType>
</xs:element>

```

[Table of Contents](#)

Element: onBehalfofRelatedPersonsSignature

Name	onBehalfofRelatedPersonsSignature
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<onBehalfofRelatedPersonsSignature>
  <relatedPersonsSignatureItem> ... </relatedPersonsSignatureItem> [0..*]
</onBehalfofRelatedPersonsSignature>
```

Schema Component Representation

```
<xs:element name="onBehalfofRelatedPersonsSignature">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="relatedPersonsSignatureItem" minOccurs="0" maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: parallelFund

Name	parallelFund
Type	Locally-defined complex type
Nilable	no
Abstract	no
Documentation	Q8 Parallel fund Information

XML Instance Representation

```
<parallelFund>
  Start All[1]

  <!-- 8(b) Name of the parallel fund -->
  <name> xs:string </name> [1]

  <!-- 8(c) Private fund identification number of the parallel fund -->
  <fundId> xs:string </fundId> [1]

  <!-- 8(d) NFA identification number of the parallel fund, if applicable -->
  <nfaId> xs:string </nfaId> [0..1]

  <!-- 8(e) LEI of the parallel fund, if applicable -->
  <legalEntityId> xs:string </legalEntityId> [0..1]

  End All
</parallelFund>
```

Schema Component Representation

```
<xs:element name="parallelFund">
  <xs:complexType>
    <xs:all>
      <xs:element name="name" type="xs:string"/>
      <xs:element name="fundId" type="xs:string"/>
      <xs:element name="nfaId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: performance

Name	performance
Type	Locally-defined complex type
Nilable	no
Abstract	no
Documentation	Item C: Reporting Fund Performance

XML Instance Representation

```
<performance>
  Start All[1]

  <!-- Item C: Reporting Fund Performance - Q23(a): Provide the reporting fund's gross and net performance, as
  reported to current and prospective investors, counterparties, or otherwise. Report the data using the reporting
  fund's base currency. Do not calculate the reporting fund's performance using reporting fund aggregate calculated
  value -->
  <grossNetPerformance> [1]
    Start All[1]
      <month1FiscalYear> performanceItem </month1FiscalYear> [1]
      <month2FiscalYear> performanceItem </month2FiscalYear> [1]
      <month3FiscalYear> performanceItem </month3FiscalYear> [1]
      <quarter1FiscalYear> performanceItem </quarter1FiscalYear> [1]
      <month4FiscalYear> performanceItem </month4FiscalYear> [1]
      <month5FiscalYear> performanceItem </month5FiscalYear> [1]
      <month6FiscalYear> performanceItem </month6FiscalYear> [1]
      <quarter2FiscalYear> performanceItem </quarter2FiscalYear> [1]
      <month7FiscalYear> performanceItem </month7FiscalYear> [1]
      <month8FiscalYear> performanceItem </month8FiscalYear> [1]
      <month9FiscalYear> performanceItem </month9FiscalYear> [1]
      <quarter3FiscalYear> performanceItem </quarter3FiscalYear> [1]
      <month10FiscalYear> performanceItem </month10FiscalYear> [1]
      <month11FiscalYear> performanceItem </month11FiscalYear> [1]
      <month12FiscalYear> performanceItem </month12FiscalYear> [1]
      <quarter4FiscalYear> performanceItem </quarter4FiscalYear> [1]
      <mostRecentFiscalYear> performanceItem </mostRecentFiscalYear> [1]
    End All
  </grossNetPerformance>

  <!-- Item C: Reporting Fund Performance - Q23(b): If the reporting fund's performance is reported to current and
  prospective investors, counterparties, or otherwise, as an internal rate of return since inception, provide the
  reporting fund's performance below. If such information is reported to current and prospective investors,
  counterparties, or otherwise, in a currency other than U.S. dollars, report the data using that currency, and
  identify the currency in Question 4. Do not calculate the reporting fund's performance using a reporting fund
  aggregate calculated value -->
  <internalRateOfReturn> [0..1]
    Start All[1]
      <!-- Item C: Reporting Fund Performance - Q23(b)(i): Inception date used for internal rate of return
      calculation -->
      <inceptionDate> xs:date </inceptionDate> [1]

      <!-- Item C: Reporting Fund Performance - Q23(b)(ii): Inception through the first quarter of reporting fund's
      fiscal year -->
      <inceptionThroughFirstQuarter> xs:decimal </inceptionThroughFirstQuarter> [0..1]

      <!-- Item C: Reporting Fund Performance - Q23(b)(iii): Inception through the second quarter of reporting
      fund's fiscal year -->
      <inceptionThroughSecondQuarter> xs:decimal </inceptionThroughSecondQuarter> [0..1]

      <!-- Item C: Reporting Fund Performance - Q23(b)(iv): Inception through the third quarter of reporting fund's
      fiscal year -->
      <inceptionThroughThirdQuarter> xs:decimal </inceptionThroughThirdQuarter> [0..1]

      <!-- Item C: Reporting Fund Performance - Q23(b)(v): Inception through the end of the reporting fund's most
      recently completed fiscal year -->
      <inceptionThroughEndOfYear> xs:decimal </inceptionThroughEndOfYear> [0..1]

      <!-- Item C: Reporting Fund Performance - Q23(b)(vi): Does the reported internal rate of return include the
      effect of any borrowings secured by unfunded commitments (i.e. subscription lines of credit) -->
      <hasEffectOfBorrowingSecuredByUnfundedCommitments> xs:boolean
      </hasEffectOfBorrowingSecuredByUnfundedCommitments> [1]
    End All
  </internalRateOfReturn>
</performance>
```

```

<!-- Item C: Reporting Fund Performance - Q23(c): If you calculate a market value on a daily basis for any position
in the reporting fund's portfolio, report the following -->
<dailyMarketValueCalculated> [0..1]
  Start All[1]

  <!-- Item C: Reporting Fund Performance - Q23(c)(i): Provide the reporting fund aggregate calculated value at
the end of the reporting period, and if you are filing a quarterly update, also report the reporting fund
aggregate calculated value as of the end of the first and second month of the reporting period. -->
  <aggregatedCalculatedValue> [1]
    Start All[1]
      <ValueEndOfPeriod> xs:integer </ValueEndOfPeriod> [1]
      <valueMonth1> xs:integer </valueMonth1> [0..1]
      <valueMonth2> xs:integer </valueMonth2> [0..1]
    End All
  </aggregatedCalculatedValue>

  <!-- Item C: Reporting Fund Performance - Q23(c)(ii): Provide the reporting fund's volatility of the natural
log of the daily rate-of-return for each month of the reporting period, computed as the standard deviation of
the natural log of one plus each of the daily rates-of-return in the month, annualized by the square root of
252 trading days. When calculating the natural log of a daily rate-of-return, the rate of return, which is
expressed as a percent, must first be converted to a decimal value and then one must be added to the decimal
value -->
  <naturalLogOfTheDailyRateOfReturn> [0..1]
    Start All[1]
      <month1> xs:decimal </month1> [0..1]
      <month2> xs:decimal </month2> [0..1]
      <month3> xs:decimal </month3> [0..1]
      <month4> xs:decimal </month4> [0..1]
      <month5> xs:decimal </month5> [0..1]
      <month6> xs:decimal </month6> [0..1]
      <month7> xs:decimal </month7> [0..1]
      <month8> xs:decimal </month8> [0..1]
      <month9> xs:decimal </month9> [0..1]
      <month10> xs:decimal </month10> [0..1]
      <month11> xs:decimal </month11> [0..1]
      <month12> xs:decimal </month12> [0..1]
    End All
  </naturalLogOfTheDailyRateOfReturn>

  <!-- Item C: Reporting Fund Performance - Q23(c)(iii): Is the reporting fund's volatility of the daily rates-
of-return reported to current and prospective investors, counterparties, or otherwise using a different
computation than Question 23(c)(ii)? If yes, describe it in Question 4 -->
  <isDailyRateOfReturnMoreDetails> xs:boolean </isDailyRateOfReturnMoreDetails> [1]

  <!-- Item C: Reporting Fund Performance - Q23(c)(iv)Daily rate of return details -->
  <dailyRateOfReturnMoreDetails> [0..1]
    Start All[1]

      <!-- Item C: Reporting Fund Performance - Q23(c)(iv)(A): Did the reporting fund have a negative daily
rate of return for one or more days during the reporting period -->
      <hasNegativeRateOfReturn> xs:boolean </hasNegativeRateOfReturn> [1]

      <!-- Item C: Reporting Fund Performance - Q23(c)(iv)(B): If you responded "yes" to (iv)(A), report the
following for the most recent peak to trough drawdown -->
      <recentPeakToTroughDrawdown> peakToTroughDrawdown </recentPeakToTroughDrawdown> [0..1]

      <!-- Item C: Reporting Fund Performance - Q23(c)(iv)(C): Largest peak to trough drawdown of the reporting
fund over the reporting period -->
      <largestPeakToTroughDrawdown> peakToTroughDrawdown </largestPeakToTroughDrawdown> [0..1]

      <!-- Item C: Reporting Fund Performance - Q23(c)(iv)(D): Largest single day drawdown of the reporting
fund over the reporting period -->
      <largestSingleDayDrawdown> [0..1]
        Start All[1]
          <baseCurrencyAmount> xs:integer </baseCurrencyAmount> [1]
          <baseCurrencyPercentage> xs:decimal </baseCurrencyPercentage> [1]
          <date> xs:date </date> [1]
        End All
      </largestSingleDayDrawdown>

      <!-- Item C: Reporting Fund Performance - Q23(c)(iv)(E): Number of days with a negative daily rates-of-
return in the reporting period -->
      <daysWithNegativeRateOfReturn> xs:integer </daysWithNegativeRateOfReturn> [0..1]
    End All
  </dailyRateOfReturnMoreDetails>
End All
</dailyMarketValueCalculated>
End All
</performance>

```

## Schema Component Representation

```

<xs:element name="performance">
  <xs:complexType>
    <xs:all>

```



```

<xs:element name="grossNetPerformance">
  <xs:complexType>
    <xs:all>
      <xs:element name="month1FiscalYear" type="performanceItem"/>
      <xs:element name="month2FiscalYear" type="performanceItem"/>
      <xs:element name="month3FiscalYear" type="performanceItem"/>
      <xs:element name="quarter1FiscalYear" type="performanceItem"/>
      <xs:element name="month4FiscalYear" type="performanceItem"/>
      <xs:element name="month5FiscalYear" type="performanceItem"/>
      <xs:element name="month6FiscalYear" type="performanceItem"/>
      <xs:element name="quarter2FiscalYear" type="performanceItem"/>
      <xs:element name="month7FiscalYear" type="performanceItem"/>
      <xs:element name="month8FiscalYear" type="performanceItem"/>
      <xs:element name="month9FiscalYear" type="performanceItem"/>
      <xs:element name="quarter3FiscalYear" type="performanceItem"/>
      <xs:element name="month10FiscalYear" type="performanceItem"/>
      <xs:element name="month11FiscalYear" type="performanceItem"/>
      <xs:element name="month12FiscalYear" type="performanceItem"/>
      <xs:element name="quarter4FiscalYear" type="performanceItem"/>
      <xs:element name="mostRecentFiscalYear" type="performanceItem"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="internalRateOfReturn" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:all>
      <xs:element name="inceptionDate" type="xs:date"/>
      <xs:element name="inceptionThroughFirstQuarter" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
      <xs:element name="inceptionThroughSecondQuarter" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
      <xs:element name="inceptionThroughThirdQuarter" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
      <xs:element name="inceptionThroughEndOfYear" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
      <xs:element name="hasEffectOfBorrowingSecuredByUnfundedCommitments" type="xs:boolean"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="dailyMarketValueCalculated" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:all>
      <xs:element name="aggregatedCalculatedValue">
        <xs:complexType>
          <xs:all>
            <xs:element name="ValueEndOfPeriod" type="xs:integer"/>
            <xs:element name="valueMonth1" type="xs:integer" minOccurs="0" maxOccurs="1"/>
            <xs:element name="valueMonth2" type="xs:integer" minOccurs="0" maxOccurs="1"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="naturalLogOfTheDailyRateOfReturn" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:all>
            <xs:element name="month1" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month2" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month3" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month4" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month5" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month6" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month7" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month8" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month9" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month10" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month11" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
            <xs:element name="month12" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="isDailyRateOfReturnMoreDetails" type="xs:boolean"/>
      <xs:element name="dailyRateOfReturnMoreDetails" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:all>
            <xs:element name="hasNegativeRateOfReturn" type="xs:boolean"/>
            <xs:element name="recentPeakToTroughDrawdown" type="peakToTroughDrawdown" minOccurs="0" maxOccurs="1"/>
            <xs:element name="largestPeakToTroughDrawdown" type="peakToTroughDrawdown" minOccurs="0" maxOccurs="1"/>
            <xs:element name="largestSingleDayDrawdown" minOccurs="0" maxOccurs="1">
              <xs:complexType>
                <xs:all>
                  <xs:element name="baseCurrencyAmount" type="xs:integer"/>
                  <xs:element name="baseCurrencyPercentage" type="xs:decimal"/>
                  <xs:element name="date" type="xs:date"/>
                </xs:all>
              </xs:complexType>
            </xs:element>
          </xs:all>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>

```

```
        </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="daysWithNegativeRateOfReturn" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
</xs:all>
</xs:complexType>
</xs:element>
</xs:all>
</xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: **personalRelatedPersonDetail**

Name	personalRelatedPersonDetail
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<personalRelatedPersonDetail>
  Start All[1]
    <legalName> xs:string </legalName> [1]
    <cpoCtaOrBoth> xs:string (value comes from list: {'CPO' | 'CTA' | 'Both'}) </cpoCtaOrBoth> [1]
  End All
</personalRelatedPersonDetail>
```

Schema Component Representation

```
<xs:element name="personalRelatedPersonDetail">
  <xs:complexType>
    <xs:all>
      <xs:element name="legalName" type="xs:string"/>
      <xs:element name="cpoCtaOrBoth">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="CPO"/>
            <xs:enumeration value="CTA"/>
            <xs:enumeration value="Both"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: **personalRelatedPersons**

Name	personalRelatedPersons
Type	Locally-defined complex type
Nillable	no
Abstract	no

XML Instance Representation

```
<personalRelatedPersons>
  <personalRelatedPersonDetail> ... </personalRelatedPersonDetail> [0..*]
</personalRelatedPersons>
```

Schema Component Representation

```
<xs:element name="personalRelatedPersons">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="personalRelatedPersonDetail" minOccurs="0" maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Name	pf
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<pf>
  Start All[1]
  <section1_4> ... </section1_4> [1]
  End All
</pf>
```

Schema Component Representation

```
<xs:element name="pf">
  <xs:complexType>
    <xs:all>
      <xs:element ref="section1_4"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Name	privateEquity
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<privateEquity>
  Start All[1]

  <!-- Item B - Certain information regarding the reporting fund - Q69: Indicate the investment strategy in the drop-
  down menu that best describe the reporting fund's 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 reporting fund's deployed capital represented by each strategy.
  -->
  <investmentStrategy> [1]
    <investmentStrategyItem> privateEquityInvestmentStrategy </investmentStrategyItem> [1..*]
  </investmentStrategy>

  <!-- Item B - Certain information regarding the reporting fund - Q70: Identify, by ISO country code, each country
  to which the reporting fund's investments in portfolio companies represent exposure of 10% or more of the reporting
  fund's net asset value.
  -->
  <investmentByCountry> [0..1]
    <investmentByCountryItem> investmentByCountry </investmentByCountryItem> [0..*]
  </investmentByCountry>

  <!-- Item C - Reporting fund and portfolio company financing - Q71: Provide the following information regarding the
  value of the reporting fund's borrowings and the types of creditors.
  -->
  <borrowingsByCreditorType> [1]
    Start All[1]

    <!-- Q71a: Dollar amount of total borrowings -->
    <totalAmount> xs:integer </totalAmount> [1]

    <!-- Q71b: Percentage borrowed from non-U.S. financial institutions -->
    <percentageUSFinancialInstitution> xs:decimal </percentageUSFinancialInstitution> [1]

    <!-- Q71c: Percentage borrowed from non-U.S. financial institutions -->
    <percentageNonUSFinancialInstitution> xs:decimal </percentageNonUSFinancialInstitution> [1]

    <!-- Q71d: Percentage borrowed from U.S. creditors that are not financial institutions -->
    <percentageUSNonFinancialInstitution> xs:decimal </percentageUSNonFinancialInstitution> [1]

    <!-- Q71e: Percentage borrowed from non-U.S. creditors that are not financial institutions -->
    <percentageNonUSNonFinancialInstitution> xs:decimal </percentageNonUSNonFinancialInstitution> [1]

    <!-- Q71f: Does the reporting fund's borrow or have the ability to borrow at the fund-level as an alternative
    or complement to financing of portfolio companies? If so, check "yes" and complete subsection (g) of this
    question. Otherwise, check "no" -->
    <hasAbilityToBorrow> xs:boolean </hasAbilityToBorrow> [1]

    <!-- Q71g: For each type of borrowing or other cash financing available to the reporting fund, provide the
    total dollar amount available and the average amount borrowed over the reporting period. Provide the following
    information regarding the value of the borrowings and the types of creditors. -->
    <borrowingOtherCashFinancing> [0..1]
      Start All[1]
      <securedByInvestment> financingItems </securedByInvestment> [0..1]
      <securedByUnfundedCommitments> financingItems </securedByUnfundedCommitments> [0..1]
      <securedByBoth> financingItems </securedByBoth> [0..1]
      <other> financingItems </other> [0..1]
      End All
    </borrowingOtherCashFinancing>
  End All
</borrowingsByCreditorType>

  <!-- Item C - Reporting fund and portfolio company financing -Q72: WDo you or any of your related persons
  guarantee, or are you or any of your related persons otherwise obligated to satisfy, the obligations of any
  portfolio company in which the reporting fund invests?
  (You are not required to respond "yes" simply because a portfolio company is a primary obligor and is also
  your related person.)
  -->
  <guaranteeObligations> [1]
    Start All[1]
    <hasGuaranteeObligations> xs:boolean </hasGuaranteeObligations> [1]
    <amount> xs:integer </amount> [0..1]
    End All
  </guaranteeObligations>
```

```

<!-- Item C - Reporting fund and portfolio company financing - Q73: What is the weighted average debt-to-equity
ratio of the controlled portfolio companies in which the reporting fund invests (expressed as a decimal to the
tenths place)?
-->
<weightedAverageDebtToEquityRatio> xs:decimal </weightedAverageDebtToEquityRatio> [1]

<!-- Item C - Reporting fund and portfolio company financing - Q74: What is the highest debt-to-equity ratio of any
controlled portfolio company in which the reporting fund invests (expressed as a decimal to the tenths place)?
-->
<highestDebtToEquityRatio> xs:decimal </highestDebtToEquityRatio> [1]

<!-- Item C - Reporting fund and portfolio company financing - Q75: What is the lowest debt-to-equity ratio of any
controlled portfolio company in which the reporting fund invests (expressed as a decimal to the tenths place)?
-->
<lowestDebtToEquityRatio> xs:decimal </lowestDebtToEquityRatio> [1]

<!-- Item C - Reporting fund and portfolio company financing - Q76: What is the aggregate gross asset value of the
reporting fund's controlled portfolio companies?
-->
<aggregateGrossAssetValue> xs:integer </aggregateGrossAssetValue> [1]

<!-- Item C - Reporting fund and portfolio company financing - Q77: What is the aggregate principal amount of
borrowings categorized as current liabilities on the most recent balance sheets of the reporting fund's controlled
portfolio companies?
-->
<aggregatePrincipalAmountAsCurrentLiabilities> xs:integer </aggregatePrincipalAmountAsCurrentLiabilities> [1]

<!-- Item C - Reporting fund and portfolio company financing - Q78: What is the aggregate principal amount of
borrowings categorized as long-term liabilities on the most recent balance sheets of the reporting fund's
controlled portfolio companies?
-->
<aggregatePrincipalAmountAsLongTermLiabilities> xs:integer </aggregatePrincipalAmountAsLongTermLiabilities> [1]

<!-- Item C - Reporting fund and portfolio company financing - Q79: What percentage of the aggregate borrowings of
the reporting fund's controlled portfolio companies is payment-in-kind (PIK) or zero-coupon debt?
-->
<percentagePaymentInKindOrZeroCouponDebt> xs:decimal </percentagePaymentInKindOrZeroCouponDebt> [1]

<!-- Item C - Reporting fund and portfolio company financing - Q80: During the reporting period, did the reporting
fund or any of its controlled portfolio companies experience an event of default under any of its indentures, loan
agreements or other instruments evidencing obligations for borrowed money
-->
<defaultEvent> [1]
  Start All[1]

    <!-- Q80: During the reporting period, did the reporting fund or any of its controlled portfolio companies
    experience an event of default under any of its indentures, loan agreements or other instruments evidencing
    obligations for borrowed money? If so, check "yes" and complete subsections (a) of this question. Otherwise,
    check "no".
    (Do not include a potential event of default (i.e., an event that would constitute an event of default
    with the giving of notice, the passage of time or otherwise) unless it has become an event of default.) -->
    <hasDefaultForBorrowedMoney> xs:boolean </hasDefaultForBorrowedMoney> [1]

    <!-- Q80(a): Identify the nature of the default event (check all that apply); if you check Yes to Q80 -->
    <natureOfDefault> [0..1]
      Start All[1]
        <isPaymentDefaultByFund> xs:boolean </isPaymentDefaultByFund> [0..1]
        <isPaymentDefaultByControlledPortfolioCompany> xs:boolean </isPaymentDefaultByControlledPortfolioCompany>
        [0..1]
        <isFailureToUploadBorrowingAgreement> xs:boolean </isFailureToUploadBorrowingAgreement> [0..1]
      End All
    </natureOfDefault>
  End All
</defaultEvent>

<!-- Item C - Reporting fund and portfolio company financing - Q81: 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?
-->
<bridgeLoan> [1]
  Start All[1]

    <!-- Q81(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? -->
    <hasBridgeLoans> xs:boolean </hasBridgeLoans> [1]

    <!-- Q81(b): If you responded "yes" to Question 81(a), 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. -->
    <bridgeLoanPersons> [0..1]
      <bridgeLoanPerson> bridgeLoanPerson </bridgeLoanPerson> [1..*]
    </bridgeLoanPersons>
  End All
</bridgeLoan>

```

```

<!-- Item D - Portfolio company investment exposures - Q82: Reporting fund's controlled portfolio companies a financial industry portfolio company? -->
-->
<controlledPortfolioCompanies> [1]
  Start All[1]
    <!-- Q82(a): Is any of the reporting fund's controlled portfolio companies a financial industry portfolio company? -->
    <isFinancialIndustryPortfolioCompany> xs:boolean </isFinancialIndustryPortfolioCompany> [1]
    <!-- Q82(b): If you responded "yes" to Question 81(a), then for each of the reporting fund's controlled portfolio companies that constitutes a financial industry portfolio company, provide the following information. -->
    <companies> [0..1]
      <company> controlledPortfolioCompany </company> [0..*]
    </companies>
  End All
</controlledPortfolioCompanies>

<!-- Item D - Portfolio company investment exposures - Q83: Provide a breakdown of the reporting fund's investments in portfolio companies by industry, based on the NAICS codes of the companies. -->
-->
<portfolioCompaniesByIndustry> [1]
  <industry> portfolioCompanyByIndustryItem </industry> [1..*]
</portfolioCompaniesByIndustry>

<!-- Item D - Portfolio company investment exposures - Q84: 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. -->
-->
<investmentAmountNonReportingFund> xs:integer </investmentAmountNonReportingFund> [0..1]

<!-- Item D - Portfolio company investment exposures - Q85: If the reporting fund effectuates (i) any general partner clawback or (ii) a limited partner clawback or clawbacks in excess of an aggregate amount equal to 10 percent of a fund's aggregate capital commitments, provide the following: -->
-->
<partnerClawbackReporting> [0..1]
  Start All[1]
    <effectiveDate> xs:date </effectiveDate> [1]
    <typeOfClawback> xs:string (value comes from list: {'General Partner' | 'Limited Partner'}) </typeOfClawback> [1]
    <reasonForClawback> xs:string </reasonForClawback> [1]
  End All
</partnerClawbackReporting>

<!-- Item D - Portfolio company investment exposures - Q86: You may provide any information you believe would be helpful in understanding the information reported in response to any question in this Section 4 of this form. Identify the related question for each comment -->
-->
<explanations> [0..1]
  <explanation> [0..*]
    Start All[1]
      <questionNumber> xs:string (value comes from list: {'68' | '69' | '70' | '71' | '72' | '73' | '74' | '75' | '76' | '77' | '78' | '79' | '80' | '81' | '82' | '83' | '84' | '85' | 'All'}) </questionNumber> [1]
      <description> xs:string </description> [1]
    End All
  </explanation>
</explanations>
End All
</privateEquity>

```

## Schema Component Representation

```

<xs:element name="privateEquity">
  <xs:complexType>
    <xs:all>
      <xs:element name="investmentStrategy">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="investmentStrategyItem" type="privateEquityInvestmentStrategy" minOccurs="1" maxOccurs="unbounded"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="investmentByCountry" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="investmentByCountryItem" type="investmentByCountry" minOccurs="0" maxOccurs="unbounded"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="borrowingsByCreditorType">

```



```

<xs:complexType>
  <xs:all>
    <xs:element name="totalAmount" type="xs:integer"/>
    <xs:element name="percentageUSFinancialInstitution" type="xs:decimal"/>
    <xs:element name="percentageNonUSFinancialInstitution" type="xs:decimal"/>
    <xs:element name="percentageUSNonFinancialInstitution" type="xs:decimal"/>
    <xs:element name="percentageNonUSNonFinancialInstitution" type="xs:decimal"/>
    <xs:element name="hasAbilityToBorrow" type="xs:boolean"/>
    <xs:element name="borrowingOtherCashFinancing" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="securedByInvestment" type="financingItems" minOccurs="0" maxOccurs="1"/>
          <xs:element name="securedByUnfundedCommitments" type="financingItems" minOccurs="0"
maxOccurs="1"/>
          <xs:element name="securedByBoth" type="financingItems" minOccurs="0" maxOccurs="1"/>
          <xs:element name="other" type="financingItems" minOccurs="0" maxOccurs="1"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
  </xs:all>
</xs:complexType>
<xs:element name="guaranteeObligations">
  <xs:complexType>
    <xs:all>
      <xs:element name="hasGuaranteeObligations" type="xs:boolean"/>
      <xs:element name="amount" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="weightedAverageDebtToEquityRatio" type="xs:decimal"/>
<xs:element name="highestDebtToEquityRatio" type="xs:decimal"/>
<xs:element name="lowestDebtToEquityRatio" type="xs:decimal"/>
<xs:element name="aggregateGrossAssetValue" type="xs:integer"/>
<xs:element name="aggregatePrincipalAmountAsCurrentLiabilities" type="xs:integer"/>
<xs:element name="aggregatePrincipalAmountAsLongTermLiabilities" type="xs:integer"/>
<xs:element name="percentagePaymentInKindOrZeroCouponDebt" type="xs:decimal"/>
<xs:element name="defaultEvent">
  <xs:complexType>
    <xs:all>
      <xs:element name="hasDefaultForBorrowedMoney" type="xs:boolean"/>
      <xs:element name="natureOfDefault" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:all>
            <xs:element name="isPaymentDefaultByFund" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
            <xs:element name="isPaymentDefaultByControlledPortfolioCompany" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
            <xs:element name="isFailureToUploadBorrowingAgreement" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="bridgeLoan">
  <xs:complexType>
    <xs:all>
      <xs:element name="hasBridgeLoans" type="xs:boolean"/>
      <xs:element name="bridgeLoanPersons" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="bridgeLoanPerson" type="bridgeLoanPerson" minOccurs="1" maxOccurs="unbounded"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="controlledPortfolioCompanies">
  <xs:complexType>
    <xs:all>
      <xs:element name="isFinancialIndustryPortfolioCompany" type="xs:boolean"/>
      <xs:element name="companies" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="company" type="controlledPortfolioCompany" minOccurs="0"
maxOccurs="unbounded"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>

```

```

        </xs:element>
      </xs:all>
    </xs:complexType>
  </xs:element>
  <xs:element name="portfolioCompaniesByIndustry">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="industry" type="portfolioCompanyByIndustryItem" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="investmentAmountNonReportingFund" type="xs:integer" minOccurs="0" maxOccurs="1"/>
  <xs:element name="partnerClawbackReporting" minOccurs="0" maxOccurs="1">
    <xs:complexType>
      <xs:all>
        <xs:element name="effectiveDate" type="xs:date"/>
        <xs:element name="typeOfClawback">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:enumeration value="General Partner"/>
              <xs:enumeration value="Limited Partner"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="reasonForClawback" type="xs:string"/>
      </xs:all>
    </xs:complexType>
  </xs:element>
  <xs:element name="explanations" minOccurs="0" maxOccurs="1">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="explanation" minOccurs="0" maxOccurs="unbounded">
          <xs:complexType>
            <xs:all>
              <xs:element name="questionNumber">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:enumeration value="68"/>
                    <xs:enumeration value="69"/>
                    <xs:enumeration value="70"/>
                    <xs:enumeration value="71"/>
                    <xs:enumeration value="72"/>
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                    <xs:enumeration value="80"/>
                    <xs:enumeration value="81"/>
                    <xs:enumeration value="82"/>
                    <xs:enumeration value="83"/>
                    <xs:enumeration value="84"/>
                    <xs:enumeration value="85"/>
                    <xs:enumeration value="All"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="description" type="xs:string"/>
            </xs:all>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:all>
</xs:complexType>
</xs:element>

```

Element: **relatedPersonDetail**

Name	relatedPersonDetail
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<relatedPersonDetail>
  Start All[1]
    <firmCrdNumber> xs:integer </firmCrdNumber> [0..1]
    <largeTraderId> xs:string </largeTraderId> [0..1]
    <largeTraderSffx> xs:string </largeTraderSffx> [0..1]
    <legalEntityId> xs:string </legalEntityId> [0..1]
    <legalName> xs:string </legalName> [1]
    <nfaId> xs:string </nfaId> [0..1]
    <relatedPersonType> xs:string (value comes from list: {'RGSTD_ERA' | 'CPO_CTA' | 'RELY_SPV'}) </relatedPersonType>
    [1]
    <secNumber> xs:string </secNumber> [1]
    <secNumberType> xs:string (value comes from list: {'8' | '801' | '802' | '866'}) </secNumberType> [1]
  End All
</relatedPersonDetail>
```

Schema Component Representation

```
<xs:element name="relatedPersonDetail">
  <xs:complexType>
    <xs:all>
      <xs:element name="firmCrdNumber" type="xs:integer" minOccurs="0" maxOccurs="1"/>
      <xs:element name="largeTraderId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="largeTraderSffx" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="legalName" type="xs:string"/>
      <xs:element name="nfaId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="relatedPersonType">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="RGSTD_ERA"/>
            <xs:enumeration value="CPO_CTA"/>
            <xs:enumeration value="RELY_SPV"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="secNumber" type="xs:string"/>
      <xs:element name="secNumberType">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="8"/>
            <xs:enumeration value="801"/>
            <xs:enumeration value="802"/>
            <xs:enumeration value="866"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: **relatedPersons**

Name	relatedPersons
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
<relatedPersons>
  <relatedPersonDetail> ... </relatedPersonDetail> [0..*]
</relatedPersons>
```

Schema Component Representation

```
<xs:element name="relatedPersons">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="relatedPersonDetail" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: relatedPersonsSignatureItem

Name	relatedPersonsSignatureItem
Type	Locally-defined complex type
Nullable	no
Abstract	no

XML Instance Representation

```
<relatedPersonsSignatureItem>
  Start All[1]
    <name> xs:string </name> [1]
    <signature> xs:string </signature> [1]
    <signatureTitle> xs:string </signatureTitle> [1]
    <email> ... </email> [1]
    <phoneNumber> xs:string </phoneNumber> [1]
    <signatureDate> xs:string </signatureDate> [1]
    <relatedPersons> [1]
      <relatedPerson> [1..*]
        Start All[1]
          <name> xs:string </name> [1]
        End All
      </relatedPerson>
    </relatedPersons>
  End All
</relatedPersonsSignatureItem>
```

Schema Component Representation

```
<xs:element name="relatedPersonsSignatureItem">
  <xs:complexType>
    <xs:all>
      <xs:element name="name" type="xs:string"/>
      <xs:element name="signature" type="xs:string"/>
      <xs:element name="signatureTitle" type="xs:string"/>
      <xs:element name="email"/>
      <xs:element name="phoneNumber" type="xs:string"/>
      <xs:element name="signatureDate" type="xs:string"/>
      <xs:element name="relatedPersons">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="relatedPerson" minOccurs="1" maxOccurs="unbounded">
              <xs:complexType>
                <xs:all>
                  <xs:element name="name" type="xs:string"/>
                </xs:all>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

Element: reportingPeriodQuarter

Name	reportingPeriodQuarter
Type	Locally-defined simple type
Nilable	no
Abstract	no

XML Instance Representation

```
<reportingPeriodQuarter> xs:string (value comes from list: {'1' | '2' | '3' | '4'}) </reportingPeriodQuarter>
```

Schema Component Representation

```
<xs:element name="reportingPeriodQuarter">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="1"/>
      <xs:enumeration value="2"/>
      <xs:enumeration value="3"/>
      <xs:enumeration value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

[Table of Contents](#)

Element: **reportingPeriodType**

Name	reportingPeriodType
Type	Locally-defined simple type
Nilable	no
Abstract	no

XML Instance Representation

```
<reportingPeriodType> xs:string (value comes from list: {'A' | 'Q'}) </reportingPeriodType>
```

Schema Component Representation

```
<xs:element name="reportingPeriodType">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="A"/>
      <xs:enumeration value="Q"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

[Table of Contents](#)

Name	section1_4
Type	Locally-defined complex type
Niltable	no
Abstract	no

XML Instance Representation

```
<section1_4>
  Start All[1]
    <filingType> ... </filingType> [1]
    <reportingPeriodType> ... </reportingPeriodType> [0..1]
    <reportingPeriodEndDate> xs:date </reportingPeriodEndDate> [0..1]
    <reportingPeriodQuarter> ... </reportingPeriodQuarter> [0..1]
    <!-- Item A - Q1(a): Provide your name and the other identifying information -->
    <firmIdentifyingInformation> ... </firmIdentifyingInformation> [0..1]
    <!-- Item A - Information about your Related Persons - Q1(b) Provide the following information for each of the
    related persons, if any, with respect to which you are reporting information on this form PF -->
    <relatedPersons> ... </relatedPersons> [0..1]
    <!-- Item A: Information about your Related Persons - Q1(c)Provide the following information for yourself and each
    of the related persons, if any, with respect to which you are reporting information on this Form PF that is
    registered or required to be registered as a CPO and/or CTA -->
    <personalRelatedPersons> ... </personalRelatedPersons> [0..1]
    <!-- Item A: Signatures - Q2: Signatures of sole proprietor or authorized representative (see Instruction 11 to
    Form PF). Signature on behalf of the firm and its related persons -->
    <authorizedRepresentativeSignature> ... </authorizedRepresentativeSignature> [1]
    <!-- Item A - Signatures - Q2: Signature on behalf of related Persons -->
    <onBehalfofRelatedPersonsSignature> ... </onBehalfofRelatedPersonsSignature> [0..1]
    <!-- Item B: Information about assets of private funds that you advise - Q3: . Provide a breakdown of your
    regulatory assets under management and your net assets under management -->
    <aggregatedAssets> ... </aggregatedAssets> [0..1]
    <!-- Item C: Miscellaneous - Q4: You may use the space below to explain any assumptions that you made in responding
    to any question in this Form PF. Assumptions must be in addition to, or reasonably follow from, any instructions or
    other guidance relating to Form PF. If you are aware of any instructions or other guidance that may require a
    different assumption, provide a citation and explain why that assumption is not appropriate for this purpose. To
    the extent responses relate to a particular question, provide the Question number(s), as applicable -->
    <miscellaneous> ... </miscellaneous> [0..1]
    <pfFunds> [0..1]
      <fund> ... </fund> [0..*]
    </pfFunds>
  End All
</section1_4>
```

Schema Component Representation

```
<xs:element name="section1_4">
  <xs:complexType>
    <xs:all>
      <xs:element ref="filingType"/>
      <xs:element ref="reportingPeriodType" minOccurs="0" maxOccurs="1"/>
      <xs:element name="reportingPeriodEndDate" type="xs:date" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="reportingPeriodQuarter" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="firmIdentifyingInformation" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="relatedPersons" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="personalRelatedPersons" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="authorizedRepresentativeSignature"/>
      <xs:element ref="onBehalfofRelatedPersonsSignature" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="aggregatedAssets" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="miscellaneous" minOccurs="0" maxOccurs="1"/>
      <xs:element name="pfFunds" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="fund" minOccurs="0" maxOccurs="unbounded"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>
```



Element: tradingVehicle

Name	tradingVehicle
Type	Locally-defined complex type
Nilable	no
Abstract	no
Documentation	Q9 Trading vehicle

XML Instance Representation

```
<tradingVehicle>
  Start All[1]

  <!-- Q9(a) Legal name of the trading vehicle -->
  <legalName> xs:string </legalName> [1]

  <!-- Q9(b) LEI, if any -->
  <legalEntityId> xs:string </legalEntityId> [0..1]

  <!-- Q9(c) Other identifying information (indicate type used, if applicable. E.g., RSSD ID) -->
  <otherId> xs:string </otherId> [0..1]

  <!-- Q9(d) Does the reporting fund hold assets through the trading vehicle -->
  <hasHoldAssets> xs:boolean </hasHoldAssets> [1]

  <!-- Q9(e) Does the reporting fund incur leverage through the trading vehicle -->
  <hasIncurLeverage> xs:boolean </hasIncurLeverage> [1]

  <!-- Q9(f) Does the reporting fund conduct trading or other activities through the trading vehicle -->
  <hasConductTrading> xs:boolean </hasConductTrading> [1]

  End All
</tradingVehicle>
```

Schema Component Representation

```
<xs:element name="tradingVehicle">
  <xs:complexType>
    <xs:all>
      <xs:element name="legalName" type="xs:string"/>
      <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="otherId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xs:element name="hasHoldAssets" type="xs:boolean"/>
      <xs:element name="hasIncurLeverage" type="xs:boolean"/>
      <xs:element name="hasConductTrading" type="xs:boolean"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

[Table of Contents](#)

# Global Definitions

Complex Type: **adjustedExposureByAsset**

Super-types:	None
Sub-types:	None

Name	adjustedExposureByAsset
Abstract	no

## XML Instance Representation

```
<...>
  Start All[1]
    <subAssetClass> subAssetClassWithNoInstrumentType </subAssetClass> [1]
    <month1> longShortAmounts </month1> [1]
    <month2> longShortAmounts </month2> [1]
    <month3> longShortAmounts </month3> [1]
  End All
</...>
```

## Schema Component Representation

```
<xs:complexType name="adjustedExposureByAsset">
  <xs:all>
    <xs:element name="subAssetClass" type="subAssetClassWithNoInstrumentType"/>
    <xs:element name="month1" type="longShortAmounts"/>
    <xs:element name="month2" type="longShortAmounts"/>
    <xs:element name="month3" type="longShortAmounts"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **assetValueType**

Super-types:	None
Sub-types:	None

Name	assetValueType
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <date> xs:date </date> [1]
    <value> xs:integer </value> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="assetValueType">
  <xs:all>
    <xs:element name="date" type="xs:date"/>
    <xs:element name="value" type="xs:integer"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **beneficiallyOwnedEquityByInvestorsItem**

Super-types:	None
Sub-types:	None

Name	beneficiallyOwnedEquityByInvestorsItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <fundInvestorCode> fundInvestorCode </fundInvestorCode> [1]
    <beneficiallyOwnedPercentage> xs:decimal </beneficiallyOwnedPercentage> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="beneficiallyOwnedEquityByInvestorsItem">
  <xs:all>
    <xs:element name="fundInvestorCode" type="fundInvestorCode" />
    <xs:element name="beneficiallyOwnedPercentage" type="xs:decimal" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: borrowLendAmounts

Super-types:	None
Sub-types:	None

Name	borrowLendAmounts
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <bcr> xs:integer </bcr> [1]
    <lpc> xs:integer </lpc> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="borrowLendAmounts">
  <xs:all>
    <xs:element name="bcr" type="xs:integer"/>
    <xs:element name="lpc" type="xs:integer"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **bridgeLoanPerson**

Super-types:	None
Sub-types:	None

Name	bridgeLoanPerson
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <legalName> xs:string </legalName> [1]
    <legalEntityId> xs:string </legalEntityId> [0..1]
    <affiliatedMajorFinancialInstitution> majorFinancialInstitution </affiliatedMajorFinancialInstitution> [0..1]
    <outstandingAmount> xs:integer </outstandingAmount> [1]
    <commitmentAmount> xs:integer </commitmentAmount> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="bridgeLoanPerson">
  <xs:all>
    <xs:element name="legalName" type="xs:string" />
    <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1" />
    <xs:element name="affiliatedMajorFinancialInstitution" type="majorFinancialInstitution" minOccurs="0"
maxOccurs="1" />
    <xs:element name="outstandingAmount" type="xs:integer" />
    <xs:element name="commitmentAmount" type="xs:integer" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: consolidatedCounterpartyExposureBreakdown

Super-types:	None
Sub-types:	None

Name	consolidatedCounterpartyExposureBreakdown
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <unsecuredBorrowing> [0..1]
      Start All[1]
        <unsecuredBorrowing> xs:integer </unsecuredBorrowing> [1]
        <percentageBorrowing> percentageBorrowingBySource </percentageBorrowing> [1]
      End All
    </unsecuredBorrowing>
    <securedWithPrimeBrokerage> [0..1]
      Start All[1]
        <cashMarginBorrowingOrSecuritiesLending> borrowLendAmounts </cashMarginBorrowingOrSecuritiesLending> [1]
        <cashCollateralCrossMarginingAgreement> borrowLendAmounts </cashCollateralCrossMarginingAgreement> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
        <otherSecurities> borrowLendAmounts </otherSecurities> [1]
        <otherCollateralOrCreditSupport> borrowLendAmounts </otherCollateralOrCreditSupport> [1]
        <percentageBorrowing> percentageBorrowingBySource </percentageBorrowing> [1]
        <postedCollateralFor1PercentMarginIncrease> xs:decimal </postedCollateralFor1PercentMarginIncrease> [1]
      End All
    </securedWithPrimeBrokerage>
    <securedViaRepo> securedRepoOrOtherConsolidated </securedViaRepo> [0..1]
    <securedOther> securedRepoOrOtherConsolidated </securedOther> [0..1]
    <derivativeClearedByCPP> [0..1]
      Start All[1]
        <markToMarket> borrowLendAmounts </markToMarket> [1]
        <cash> borrowLendAmounts </cash> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
        <otherSecurities> borrowLendAmounts </otherSecurities> [1]
        <otherCollateralOrCreditSupport> borrowLendAmounts </otherCollateralOrCreditSupport> [1]
        <postedCollateralFor1PercentMarginIncrease> xs:decimal </postedCollateralFor1PercentMarginIncrease> [1]
      End All
    </derivativeClearedByCPP>
    <derivativeNotClearedByCPP> [0..1]
      Start All[1]
        <grossNotionalValue> borrowLendAmounts </grossNotionalValue> [1]
        <markToMarket> borrowLendAmounts </markToMarket> [1]
        <cash> borrowLendAmounts </cash> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
        <otherSecurities> borrowLendAmounts </otherSecurities> [1]
        <otherCollateralOrCreditSupport> borrowLendAmounts </otherCollateralOrCreditSupport> [1]
        <percentageSyntheticLongPositions> percentageBorrowingBySource </percentageSyntheticLongPositions> [1]
        <postedCollateralFor1PercentMarginIncrease> xs:decimal </postedCollateralFor1PercentMarginIncrease> [1]
      End All
    </derivativeNotClearedByCPP>
  End All
</...>
```

```

<xs:complexType name="consolidatedCounterpartyExposureBreakdown">
  <xs:all>
    <xs:element name="unsecuredBorrowing" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="unsecuredBorrowing" type="xs:integer"/>
          <xs:element name="percentageBorrowing" type="percentageBorrowingBySource"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="securedWithPrimeBrokerage" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="cashMarginBorrowingOrSecuritiesLending" type="borrowLendAmounts"/>
          <xs:element name="cashCollateralCrossMarginingAgreement" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherCollateralOrCreditSupport" type="borrowLendAmounts"/>
          <xs:element name="percentageBorrowing" type="percentageBorrowingBySource"/>
          <xs:element name="postedCollateralFor1PercentMarginIncrease" type="xs:decimal"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="securedViaRepo" type="securedRepoOrOtherConsolidated" minOccurs="0" maxOccurs="1"/>
    <xs:element name="securedOther" type="securedRepoOrOtherConsolidated" minOccurs="0" maxOccurs="1"/>
    <xs:element name="derivativeClearedByCPP" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="markToMarket" type="borrowLendAmounts"/>
          <xs:element name="cash" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherCollateralOrCreditSupport" type="borrowLendAmounts"/>
          <xs:element name="postedCollateralFor1PercentMarginIncrease" type="xs:decimal"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="derivativeNotClearedByCPP" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="grossNotionalValue" type="borrowLendAmounts"/>
          <xs:element name="markToMarket" type="borrowLendAmounts"/>
          <xs:element name="cash" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherCollateralOrCreditSupport" type="borrowLendAmounts"/>
          <xs:element name="percentageSyntheticLongPositions" type="percentageBorrowingBySource"/>
          <xs:element name="postedCollateralFor1PercentMarginIncrease" type="xs:decimal"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
  </xs:all>
</xs:complexType>

```

[Table of Contents](#)



Complex Type: **contributionWithdrawalType**

Super-types:	None
Sub-types:	None

Name	contributionWithdrawalType
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <contribution> xs:integer </contribution> [1]
    <withdrawalRedemption> xs:integer </withdrawalRedemption> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="contributionWithdrawalType">
  <xs:all>
    <xs:element name="contribution" type="xs:integer"/>
    <xs:element name="withdrawalRedemption" type="xs:integer"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **controlledPortfolioCompany**

Super-types:	None
Sub-types:	None

Name	controlledPortfolioCompany
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <legalName> xs:string </legalName> [1]
    <principalOfficeAddress> [1]
      Start All[1]
        <street1> xs:string </street1> [1]
        <street2> xs:string </street2> [0..1]
        <city> xs:string </city> [1]
        <stateProvince> xs:string </stateProvince> [1]
        <postalCode> xs:string </postalCode> [0..1]
        <countryCode> xs:string </countryCode> [1]
      End All
    </principalOfficeAddress>
    <naicsCode> NAICSCodeType </naicsCode> [0..1]
    <legalEntityId> xs:string </legalEntityId> [0..1]
    <debtToEquity> xs:decimal </debtToEquity> [1]
    <grossAssetValue> xs:integer </grossAssetValue> [1]
    <percentageGrossAssetValue> xs:decimal </percentageGrossAssetValue> [1]
    <portfolioCompanyBeneficiallyOwnedPercentage> xs:decimal </portfolioCompanyBeneficiallyOwnedPercentage> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="controlledPortfolioCompany">
  <xs:all>
    <xs:element name="legalName" type="xs:string"/>
    <xs:element name="principalOfficeAddress">
      <xs:complexType>
        <xs:all>
          <xs:element name="street1" type="xs:string"/>
          <xs:element name="street2" type="xs:string" minOccurs="0" maxOccurs="1"/>
          <xs:element name="city" type="xs:string"/>
          <xs:element name="stateProvince" type="xs:string"/>
          <xs:element name="postalCode" type="xs:string" minOccurs="0" maxOccurs="1"/>
          <xs:element name="countryCode" type="xs:string"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="naicsCode" type="NAICSCodeType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="debtToEquity" type="xs:decimal"/>
    <xs:element name="grossAssetValue" type="xs:integer"/>
    <xs:element name="percentageGrossAssetValue" type="xs:decimal"/>
    <xs:element name="portfolioCompanyBeneficiallyOwnedPercentage" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **counterpartyExposureBreakdown**

Super-types:	None
Sub-types:	None

Name	counterpartyExposureBreakdown
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <unsecuredBorrowing> [0..1]
      Start All[1]
        <unsecuredBorrowing> xs:integer </unsecuredBorrowing> [1]
      End All
    </unsecuredBorrowing>
    <securedWithPrimeBrokerage> [0..1]
      Start All[1]
        <cashMarginBorrowingOrSecuritiesLending> borrowLendAmounts </cashMarginBorrowingOrSecuritiesLending> [1]
        <cashCollateralCrossMarginingAgreement> borrowLendAmounts </cashCollateralCrossMarginingAgreement> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
        <otherSecurities> borrowLendAmounts </otherSecurities> [1]
        <otherCollateralOrCreditSupport> borrowLendAmounts </otherCollateralOrCreditSupport> [1]
      End All
    </securedWithPrimeBrokerage>
    <securedViaRepo> securedRepoOrOther </securedViaRepo> [0..1]
    <securedOther> securedRepoOrOther </securedOther> [0..1]
    <derivativeClearedByCPP> [0..1]
      Start All[1]
        <markToMarket> borrowLendAmounts </markToMarket> [1]
        <cash> borrowLendAmounts </cash> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
        <otherSecurities> borrowLendAmounts </otherSecurities> [1]
        <otherCollateralOrCreditSupport> borrowLendAmounts </otherCollateralOrCreditSupport> [1]
      End All
    </derivativeClearedByCPP>
    <derivativeNotClearedByCPP> [0..1]
      Start All[1]
        <grossNotionalValue> borrowLendAmounts </grossNotionalValue> [1]
        <markToMarket> borrowLendAmounts </markToMarket> [1]
        <cash> borrowLendAmounts </cash> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
        <otherSecurities> borrowLendAmounts </otherSecurities> [1]
        <otherCollateralOrCreditSupport> borrowLendAmounts </otherCollateralOrCreditSupport> [1]
      End All
    </derivativeNotClearedByCPP>
  End All
</...>
```

```

<xs:complexType name="counterpartyExposureBreakdown">
  <xs:all>
    <xs:element name="unsecuredBorrowing" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="unsecuredBorrowing" type="xs:integer"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="securedWithPrimeBrokerage" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="cashMarginBorrowingOrSecuritiesLending" type="borrowLendAmounts"/>
          <xs:element name="cashCollateralCrossMarginingAgreement" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherCollateralOrCreditSupport" type="borrowLendAmounts"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="securedViaRepo" type="securedRepoOrOther" minOccurs="0" maxOccurs="1"/>
    <xs:element name="securedOther" type="securedRepoOrOther" minOccurs="0" maxOccurs="1"/>
    <xs:element name="derivativeClearedByCPP" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="markToMarket" type="borrowLendAmounts"/>
          <xs:element name="cash" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherCollateralOrCreditSupport" type="borrowLendAmounts"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="derivativeNotClearedByCPP" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="grossNotionalValue" type="borrowLendAmounts"/>
          <xs:element name="markToMarket" type="borrowLendAmounts"/>
          <xs:element name="cash" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherSecurities" type="borrowLendAmounts"/>
          <xs:element name="otherCollateralOrCreditSupport" type="borrowLendAmounts"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
  </xs:all>
</xs:complexType>

```

[Table of Contents](#)

Complex Type: creditorCounterpartyExposure

Super-types:	None
Sub-types:	None

Name	creditorCounterpartyExposure
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <legalName> xs:string </legalName> [1]
    <legalEntityId> xs:string </legalEntityId> [0..1]
    <affiliatedFinancialInstitution> majorFinancialInstitution </affiliatedFinancialInstitution> [1]
    <otherAffiliation> xs:string </otherAffiliation> [0..1]
    <borrowing> xs:integer </borrowing> [1]
    <postedCollateral> xs:integer </postedCollateral> [1]
    <entityLegalName> xs:string </entityLegalName> [0..1]
    <entityLEI> xs:string </entityLEI> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="creditorCounterpartyExposure">
  <xs:all>
    <xs:element name="legalName" type="xs:string"/>
    <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="affiliatedFinancialInstitution" type="majorFinancialInstitution"/>
    <xs:element name="otherAffiliation" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="borrowing" type="xs:integer"/>
    <xs:element name="postedCollateral" type="xs:integer"/>
    <xs:element name="entityLegalName" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="entityLEI" type="xs:string" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **creditRatingItem**

Super-types:	None
Sub-types:	None

Name	creditRatingItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <!-- Credit rating agency name -->
    <agency> xs:string </agency> [1]
    <!-- Credit rating -->
    <rating> xs:string </rating> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="creditRatingItem">
  <xs:all>
    <xs:element name="agency" type="xs:string"/>
    <xs:element name="rating" type="xs:string"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: debtorCounterpartyExposure

Super-types:	None
Sub-types:	None

Name	debtorCounterpartyExposure
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <legalName> xs:string </legalName> [1]
    <legalEntityId> xs:string </legalEntityId> [0..1]
    <affiliatedFinancialInstitution> majorFinancialInstitution </affiliatedFinancialInstitution> [1]
    <otherAffiliation> xs:string </otherAffiliation> [0..1]
    <markToMarketBeforeCollateral> xs:integer </markToMarketBeforeCollateral> [1]
    <markToMarketAfterCollateral> xs:integer </markToMarketAfterCollateral> [1]
    <entityLegalName> xs:string </entityLegalName> [0..1]
    <entityLEI> xs:string </entityLEI> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="debtorCounterpartyExposure">
  <xs:all>
    <xs:element name="legalName" type="xs:string" />
    <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1" />
    <xs:element name="affiliatedFinancialInstitution" type="majorFinancialInstitution" />
    <xs:element name="otherAffiliation" type="xs:string" minOccurs="0" maxOccurs="1" />
    <xs:element name="markToMarketBeforeCollateral" type="xs:integer" />
    <xs:element name="markToMarketAfterCollateral" type="xs:integer" />
    <xs:element name="entityLegalName" type="xs:string" minOccurs="0" maxOccurs="1" />
    <xs:element name="entityLEI" type="xs:string" minOccurs="0" maxOccurs="1" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: demandFeatureItem

Super-types:	None
Sub-types:	None

Name	demandFeatureItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <!-- Q65(1)(i): Identity of the demand feature issuer(s) -->
    <issuerIdentity> xs:string </issuerIdentity> [1]
    <creditRating> [0..1]
      <creditRatingItem> creditRatingItem </creditRatingItem> [0..*]
    </creditRating>
    <!-- Q65(1)(iii): The period remaining until the principal amount of the security may be recovered through the
    demand feature -->
    <periodRemainingUntilRecovery> xs:string </periodRemainingUntilRecovery> [1]
    <!-- Q65(1)(iv): The amount (i.e., percentage) of fractional support provided by each demand feature issuer -->
    <percentageFractionalSupport> xs:decimal </percentageFractionalSupport> [1]
    <!-- Q65(1)(v): Whether the demand feature is a conditional demand feature -->
    <isConditional> xs:boolean </isConditional> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="demandFeatureItem">
  <xs:all>
    <xs:element name="issuerIdentity" type="xs:string"/>
    <xs:element name="creditRating" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="creditRatingItem" type="creditRatingItem" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="periodRemainingUntilRecovery" type="xs:string"/>
    <xs:element name="percentageFractionalSupport" type="xs:decimal"/>
    <xs:element name="isConditional" type="xs:boolean"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)



Complex Type: dispositionPortfolioSecuritiesItem

Super-types:	None
Sub-types:	None

Name	dispositionPortfolioSecuritiesItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <investmentCategory> liquidityFundInvestmentCategory </investmentCategory> [1]
    <otherInstrumentDescription> xs:string </otherInstrumentDescription> [0..1]
    <month1> xs:decimal </month1> [0..1]
    <month2> xs:decimal </month2> [0..1]
    <month3> xs:decimal </month3> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="dispositionPortfolioSecuritiesItem">
  <xs:all>
    <xs:element name="investmentCategory" type="liquidityFundInvestmentCategory"/>
    <xs:element name="otherInstrumentDescription" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="month1" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
    <xs:element name="month2" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
    <xs:element name="month3" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **enhancementItem**

Super-types:	None
Sub-types:	None

Name	enhancementItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]

  <!-- Q65(n)(i): Identity of the enhancement provider(s) -->
  <enhancementProviderIdentity> xs:string </enhancementProviderIdentity> [1]

  <!-- Q65(n)(ii): The type of enhancement(s) -->
  <enhancementType> xs:string </enhancementType> [1]
  <creditRating> [0..1]
    <creditRatingItem> creditRatingItem </creditRatingItem> [0..*]
  </creditRating>

  <!-- Q65(n)(iv): The amount (i.e., percentage) of fractional support provided by each enhancement provider -->
  <percentageFractionalSupport> xs:decimal </percentageFractionalSupport> [1]

  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="enhancementItem">
  <xs:all>
    <xs:element name="enhancementProviderIdentity" type="xs:string"/>
    <xs:element name="enhancementType" type="xs:string"/>
    <xs:element name="creditRating" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="creditRatingItem" type="creditRatingItem" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="percentageFractionalSupport" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: exposureByAsset

Super-types:	None
Sub-types:	None

Name	exposureByAsset
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <subAssetClass> subAssetClassWithNoInstrumentType </subAssetClass> [1]
    <month1> longShortAmounts </month1> [1]
    <month2> longShortAmounts </month2> [1]
    <month3> longShortAmounts </month3> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="exposureByAsset">
  <xs:all>
    <xs:element name="subAssetClass" type="subAssetClassWithNoInstrumentType"/>
    <xs:element name="month1" type="longShortAmounts"/>
    <xs:element name="month2" type="longShortAmounts"/>
    <xs:element name="month3" type="longShortAmounts"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **exposureByAssetAndInstrument**

Super-types:	None
Sub-types:	None

Name	exposureByAssetAndInstrument
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <subAssetClass> subAssetClassWithInstrumentType </subAssetClass> [1]
    <instrumentType> instrumentType </instrumentType> [1]
    <month1> longShortAmounts </month1> [1]
    <month2> longShortAmounts </month2> [1]
    <month3> longShortAmounts </month3> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="exposureByAssetAndInstrument">
  <xs:all>
    <xs:element name="subAssetClass" type="subAssetClassWithInstrumentType" />
    <xs:element name="instrumentType" type="instrumentType" />
    <xs:element name="month1" type="longShortAmounts" />
    <xs:element name="month2" type="longShortAmounts" />
    <xs:element name="month3" type="longShortAmounts" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: exposureByCountry

Super-types:	None
Sub-types:	None

Name	exposureByCountry
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <countryCode> xs:string </countryCode> [1]
    <month1> longShortAmounts </month1> [1]
    <month2> longShortAmounts </month2> [1]
    <month3> longShortAmounts </month3> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="exposureByCountry">
  <xs:all>
    <xs:element name="countryCode" type="xs:string"/>
    <xs:element name="month1" type="longShortAmounts"/>
    <xs:element name="month2" type="longShortAmounts"/>
    <xs:element name="month3" type="longShortAmounts"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: exposureByCurrency

Super-types:	None
Sub-types:	None

Name	exposureByCurrency
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <currency> currencyCodeType </currency> [0..1]
    <month1> longShortAmounts </month1> [1]
    <month2> longShortAmounts </month2> [1]
    <month3> longShortAmounts </month3> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="exposureByCurrency">
  <xs:all>
    <xs:element name="currency" type="currencyCodeType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="month1" type="longShortAmounts"/>
    <xs:element name="month2" type="longShortAmounts"/>
    <xs:element name="month3" type="longShortAmounts"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: exposureByIndustry

Super-types:	None
Sub-types:	None

Name	exposureByIndustry
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <naicsCode> NAICSCodeType </naicsCode> [0..1]
    <month1> longShortAmounts </month1> [1]
    <month2> longShortAmounts </month2> [1]
    <month3> longShortAmounts </month3> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="exposureByIndustry">
  <xs:all>
    <xs:element name="naicsCode" type="NAICSCodeType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="month1" type="longShortAmounts"/>
    <xs:element name="month2" type="longShortAmounts"/>
    <xs:element name="month3" type="longShortAmounts"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: exposureByReferenceAsset

Super-types:	None
Sub-types:	None

Name	exposureByReferenceAsset
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <longValue> xs:integer </longValue> [0..1]
    <shortValue> xs:integer </shortValue> [0..1]
    <nettedExposure> xs:integer </nettedExposure> [0..1]
    <subAssetClass> subAssetClassWithInstrumentType </subAssetClass> [1]
    <instrumentType> instrumentType </instrumentType> [0..1]
    <titleOrDescription> xs:string </titleOrDescription> [1]
    <issuerName> xs:string </issuerName> [0..1]
    <issuerLEI> xs:string </issuerLEI> [0..1]
    <cusip> xs:string </cusip> [0..1]
    <isin> xs:string </isin> [0..1]
    <ticker> xs:string </ticker> [0..1]
    <otherIdentifier> xs:string </otherIdentifier> [0..1]
    <issueDescription> xs:string </issueDescription> [0..1]
    <issueSize> xs:integer </issueSize> [0..1]
    <averageTradingVolume> xs:integer </averageTradingVolume> [0..1]
    <figi> xs:string </figi> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="exposureByReferenceAsset">
  <xs:all>
    <xs:element name="longValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="shortValue" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="nettedExposure" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="subAssetClass" type="subAssetClassWithInstrumentType"/>
    <xs:element name="instrumentType" type="instrumentType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="titleOrDescription" type="xs:string"/>
    <xs:element name="issuerName" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="issuerLEI" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="cusip" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="isin" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="ticker" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="otherIdentifier" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="issueDescription" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="issueSize" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="averageTradingVolume" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="figi" type="xs:string" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)



Complex Type: **exposureInterestRateRisk**

Super-types:	None
Sub-types:	None

Name	exposureInterestRateRisk
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <subAssetClass> subAssetClassWithInstrumentType </subAssetClass> [1]
    <instrumentType> instrumentType </instrumentType> [0..1]
    <month1> longShortAmounts </month1> [1]
    <month2> longShortAmounts </month2> [1]
    <month3> longShortAmounts </month3> [1]
    <month1Adjusted> longShortAmounts </month1Adjusted> [1]
    <month2Adjusted> longShortAmounts </month2Adjusted> [1]
    <month3Adjusted> longShortAmounts </month3Adjusted> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="exposureInterestRateRisk">
  <xs:all>
    <xs:element name="subAssetClass" type="subAssetClassWithInstrumentType"/>
    <xs:element name="instrumentType" type="instrumentType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="month1" type="longShortAmounts"/>
    <xs:element name="month2" type="longShortAmounts"/>
    <xs:element name="month3" type="longShortAmounts"/>
    <xs:element name="month1Adjusted" type="longShortAmounts"/>
    <xs:element name="month2Adjusted" type="longShortAmounts"/>
    <xs:element name="month3Adjusted" type="longShortAmounts"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **financingItems**

Super-types:	None
Sub-types:	None

Name	financingItems
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <amount> xs:integer </amount> [0..1]
    <averageBorrowed> xs:integer </averageBorrowed> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="financingItems">
  <xs:all>
    <xs:element name="amount" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="averageBorrowed" type="xs:integer" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **guaranteeItem**

Super-types:	None
Sub-types:	None

Name	guaranteeItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]

    <!-- Q65(n)(i): Identity of the enhancement provider * -->
    <guarantorIdentity> xs:string </guarantorIdentity> [1]
    <creditRating> [0..1]
      <creditRatingItem> creditRatingItem </creditRatingItem> [0..*]
    </creditRating>
    <percentageFractionalSupport> xs:decimal </percentageFractionalSupport> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="guaranteeItem">
  <xs:all>
    <xs:element name="guarantorIdentity" type="xs:string" />
    <xs:element name="creditRating" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="creditRatingItem" type="creditRatingItem" minOccurs="0" maxOccurs="unbounded" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="percentageFractionalSupport" type="xs:decimal" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **hedge1cCounterpartyExposureBreakdown**

Super-types:	None
Sub-types:	None

Name	hedge1cCounterpartyExposureBreakdown
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <unsecuredBorrowing> [0..1]
      Start All[1]
        <unsecuredBorrowing> xs:integer </unsecuredBorrowing> [1]
      End All
    </unsecuredBorrowing>
    <securedWithPrimeBrokerage> [0..1]
      Start All[1]
        <cashMarginBorrowingOrSecuritiesLending> borrowLendAmounts </cashMarginBorrowingOrSecuritiesLending> [1]
        <cashCollateralCrossMarginingAgreement> borrowLendAmounts </cashCollateralCrossMarginingAgreement> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
      End All
    </securedWithPrimeBrokerage>
    <securedViaRepo> hedge1cSecuredRepoOrOther </securedViaRepo> [0..1]
    <securedOther> hedge1cSecuredRepoOrOther </securedOther> [0..1]
    <derivativeClearedByCPP> [0..1]
      Start All[1]
        <markToMarket> borrowLendAmounts </markToMarket> [1]
        <cash> borrowLendAmounts </cash> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
      End All
    </derivativeClearedByCPP>
    <derivativeNotClearedByCPP> [0..1]
      Start All[1]
        <grossNotionalValue> borrowLendAmounts </grossNotionalValue> [1]
        <markToMarket> borrowLendAmounts </markToMarket> [1]
        <cash> borrowLendAmounts </cash> [1]
        <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
      End All
    </derivativeNotClearedByCPP>
  End All
</...>
```

## Schema Component Representation

```
<xs:complexType name="hedgelcCounterpartyExposureBreakdown">
  <xs:all>
    <xs:element name="unsecuredBorrowing" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="unsecuredBorrowing" type="xs:integer"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="securedWithPrimeBrokerage" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="cashMarginBorrowingOrSecuritiesLending" type="borrowLendAmounts"/>
          <xs:element name="cashCollateralCrossMarginingAgreement" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="securedViaRepo" type="hedgelcSecuredRepoOrOther" minOccurs="0" maxOccurs="1"/>
    <xs:element name="securedOther" type="hedgelcSecuredRepoOrOther" minOccurs="0" maxOccurs="1"/>
    <xs:element name="derivativeClearedByCPP" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="markToMarket" type="borrowLendAmounts"/>
          <xs:element name="cash" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="derivativeNotClearedByCPP" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="grossNotionalValue" type="borrowLendAmounts"/>
          <xs:element name="markToMarket" type="borrowLendAmounts"/>
          <xs:element name="cash" type="borrowLendAmounts"/>
          <xs:element name="governmentSecurities" type="borrowLendAmounts"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Super-types:	None
Sub-types:	None

Name	hedge1cSecuredRepoOrOther
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <cash> borrowLendAmounts </cash> [1]
    <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="hedge1cSecuredRepoOrOther">
  <xs:all>
    <xs:element name="cash" type="borrowLendAmounts" />
    <xs:element name="governmentSecurities" type="borrowLendAmounts" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: investmentByCountry

Super-types:	None
Sub-types:	None

Name	investmentByCountry
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <countryCode> xs:string </countryCode> [1]
    <percentageNav> xs:decimal </percentageNav> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="investmentByCountry">
  <xs:all>
    <xs:element name="countryCode" type="xs:string"/>
    <xs:element name="percentageNav" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Super-types:	None
Sub-types:	None

Name	liquidityFundAssets
Abstract	no

XML Instance Representation

```
<...>

<!-- Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors
      Q56(a): Net asset value of reporting fund as reported to current and prospective investors -->
Start All[1]
<netAssetValue> xs:integer </netAssetValue> [1]
<navPerShare> xs:decimal </navPerShare> [1]
<navPerShareExceptCapitalSupport> xs:decimal </navPerShareExceptCapitalSupport> [1]
<wam> xs:integer </wam> [1]
<wal> xs:integer </wal> [1]
<sevenDaysGrossYield> xs:decimal </sevenDaysGrossYield> [0..1]
<amountDailyLiquidAssets> xs:integer </amountDailyLiquidAssets> [0..1]
<amountWeeklyLiquidAssets> xs:integer </amountWeeklyLiquidAssets> [0..1]
<amountGreaterThan397Days> xs:integer </amountGreaterThan397Days> [0..1]
<cashAmount> xs:integer </cashAmount> [0..1]
<amountGrossSubscriptions> xs:integer </amountGrossSubscriptions> [0..1]
<amountGrossRedemptions> xs:integer </amountGrossRedemptions> [0..1]
End All
</...>
```

Schema Component Representation

```
<xs:complexType name="liquidityFundAssets">
  <xs:all>
    <xs:element name="netAssetValue" type="xs:integer"/>
    <xs:element name="navPerShare" type="xs:decimal"/>
    <xs:element name="navPerShareExceptCapitalSupport" type="xs:decimal"/>
    <xs:element name="wam" type="xs:integer"/>
    <xs:element name="wal" type="xs:integer"/>
    <xs:element name="sevenDaysGrossYield" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
    <xs:element name="amountDailyLiquidAssets" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="amountWeeklyLiquidAssets" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="amountGreaterThan397Days" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="cashAmount" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="amountGrossSubscriptions" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="amountGrossRedemptions" type="xs:integer" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```



Complex Type: **liquidityFundBorrowingByTerm**

Super-types:	None
Sub-types:	None

Name	liquidityFundBorrowingByTerm
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <oneDayOrLess> xs:integer </oneDayOrLess> [1]
    <twoToSevenDays> xs:integer </twoToSevenDays> [1]
    <eightToThirtyDays> xs:integer </eightToThirtyDays> [1]
    <thirtyOneTo397Days> xs:integer </thirtyOneTo397Days> [1]
    <greaterThan397Days> xs:integer </greaterThan397Days> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="liquidityFundBorrowingByTerm">
  <xs:all>
    <xs:element name="oneDayOrLess" type="xs:integer"/>
    <xs:element name="twoToSevenDays" type="xs:integer"/>
    <xs:element name="eightToThirtyDays" type="xs:integer"/>
    <xs:element name="thirtyOneTo397Days" type="xs:integer"/>
    <xs:element name="greaterThan397Days" type="xs:integer"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **liquidityFundBorrowingDetail**

Super-types:	None
Sub-types:	None

Name	liquidityFundBorrowingDetail
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <usDepositoryInstitutions> liquidityFundBorrowingByTerm </usDepositoryInstitutions> [1]
    <usNonDepositoryInstitutions> liquidityFundBorrowingByTerm </usNonDepositoryInstitutions> [1]
    <nonUsCreditors> liquidityFundBorrowingByTerm </nonUsCreditors> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="liquidityFundBorrowingDetail">
  <xs:all>
    <xs:element name="usDepositoryInstitutions" type="liquidityFundBorrowingByTerm" />
    <xs:element name="usNonDepositoryInstitutions" type="liquidityFundBorrowingByTerm" />
    <xs:element name="nonUsCreditors" type="liquidityFundBorrowingByTerm" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Super-types:	None
Sub-types:	None

Name	liquidityFundSecurity
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
  <reportingPeriodMonth> xs:string (value comes from list: {'1' | '2' | '3'}) </reportingPeriodMonth> [1]
  <!-- Q65(a): Name of the issuer -->
  <issuerName> xs:string </issuerName> [1]
  <!-- Q65(b): Title of the issue (including coupon, if applicable) -->
  <issueTitle> xs:string </issueTitle> [1]
  <!-- Q65(c): CUSIP -->
  <cusip> xs:string </cusip> [0..1]
  <!-- Q65(d): LEI, if available -->
  <legalEntityId> xs:string </legalEntityId> [0..1]
  <!-- Q65(e): In addition to CUSIP and LEI, provide at least one of the following other identifiers - ISIN -->
  <isin> xs:string </isin> [0..1]
  <!-- Q65(e): In addition to CUSIP and LEI, provide at least one of the following other identifiers - CIK -->
  <cik> xs:string </cik> [0..1]
  <!-- Q65(e): In addition to CUSIP and LEI, provide at least one of the following other identifiers - Other unique
  identifier (indicate identifier and type of identifier) -->
  <otherIdentifier> xs:string </otherIdentifier> [0..1]
  <!-- Q65(f): The category of investment that most closely identifies the instrument -->
  <investmentCategory> liquidityFundInvestmentCategory </investmentCategory> [1]
  <otherInstrumentDescription> xs:string </otherInstrumentDescription> [0..1]
  <!-- Q65(g) specify whether the repo is "open" (i.e., the repo has no specified end date and, by its terms, will be
  extended or "rolled" each business day (or at another specified period) unless the investor chooses to terminate
  it), and provide the following information about the securities subject to the repo (i.e., the collateral): -->
  <repoDetail> [0..1]
    <repoItem> repoItem </repoItem> [0..*]
  </repoDetail>
  <!-- Q65(h): If the rating assigned by a credit rating agency played a substantial role in the reporting fund's (or
  its adviser's) evaluation of the quality, maturity, or liquidity of the security, provide the name of each credit
  rating agency and the rating each assigned to the security. -->
  <creditRating> [0..1]
    <creditRatingItem> creditRatingItem </creditRatingItem> [0..*]
  </creditRating>
  <!-- Q65(i): The maturity date used to calculate WAM -->
  <maturityDateUsedForWAM> xs:date </maturityDateUsedForWAM> [0..1]
  <!-- Q65(j): The maturity date used to calculate WAL -->
  <maturityDateUsedForWAL> xs:date </maturityDateUsedForWAL> [0..1]
  <!-- Q65(k): The ultimate legal maturity date (i.e., the date on which, in accordance with the terms of the
  security without regard to any interest rate readjustment or demand feature, the principal amount must
  unconditionally be paid) -->
  <ultimateLegalMaturityDate> xs:date </ultimateLegalMaturityDate> [0..1]
  <demandFeature> [0..1]
    <demandFeatureItem> demandFeatureItem </demandFeatureItem> [0..*]
  </demandFeature>
  <!-- Q65(m): If the security has a guarantee (other than an unconditional letter of credit reported in response to
  Question 65(1) above) on which the reporting fund (or its adviser) is relying when evaluating the quality,
  maturity, or liquidity of the security, provide the following information: -->
  <guarantee> [0..1]
    <guaranteeItem> guaranteeItem </guaranteeItem> [0..*]
  </guarantee>
  <enhancement> [0..1]
    <enhancementItem> enhancementItem </enhancementItem> [0..*]
  </enhancement>
  <!-- Q65(o): The yield of the security as of the reporting date -->
  <yield> xs:integer </yield> [1]
```

```

<!-- Q65(p): The total value of the reporting fund's position in the security, and separately, if the reporting
fund uses the amortized cost method of valuation, the amortized cost value, in both cases to the nearest cent -->
<position> [1]
  Start All[1]

    <!-- Q65(p)(i): Including the value of any sponsor support -->
    <totalValueIncludingSponsor> xs:decimal </totalValueIncludingSponsor> [1]

    <!-- Q65(p)(i): Including the value of any sponsor support amortized cost value -->
    <totalValueExcludingSponsor> xs:decimal </totalValueExcludingSponsor> [1]

    <!-- Q65(p)(ii): Excluding the value of any sponsor support -->
    <amortizedValueIncludingSponsor> xs:decimal </amortizedValueIncludingSponsor> [1]

    <!-- Q65(p)(ii): Excluding the value of any sponsor support amortized cost value -->
    <amortizedValueExcludingSponsor> xs:decimal </amortizedValueExcludingSponsor> [1]

  End All
</position>

<!-- Q65(q): The percentage of the reporting fund's net assets invested in the security, to the nearest hundredth
of a percent -->
<navPercentageOfFund> xs:decimal </navPercentageOfFund> [1]

<!-- Q65(r): Is the security categorized as a level 3 asset or liability in Question 20? -->
<isLevel3AssetLiability> xs:boolean </isLevel3AssetLiability> [1]

<!-- Q65(s): Is the security a daily liquid asset? -->
<isDailyLiquidAsset> xs:boolean </isDailyLiquidAsset> [1]

<!-- Q65(t): Is the security a weekly liquid asset? -->
<isWeeklyLiquidAsset> xs:boolean </isWeeklyLiquidAsset> [1]

<!-- Q65(u): Is the security an illiquid security? -->
<isIlliquidSecurity> xs:boolean </isIlliquidSecurity> [1]

<!-- Q65(v): Explanatory notes. Disclose any other information that may be material to other disclosures related to
the portfolio security -->
<explanatoryNote> xs:string </explanatoryNote> [0..1]

End All
</...>

```

```

<xs:complexType name="liquidityFundSecurity">
  <xs:all>
    <xs:element name="reportingPeriodMonth">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="1"/>
          <xs:enumeration value="2"/>
          <xs:enumeration value="3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="issuerName" type="xs:string"/>
    <xs:element name="issueTitle" type="xs:string"/>
    <xs:element name="cusip" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="isin" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="cik" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="otherIdentifier" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="investmentCategory" type="liquidityFundInvestmentCategory"/>
    <xs:element name="otherInstrumentDescription" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="repoDetail" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="repoItem" type="repoItem" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="creditRating" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="creditRatingItem" type="creditRatingItem" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="maturityDateUsedForWAM" type="xs:date" minOccurs="0" maxOccurs="1"/>
    <xs:element name="maturityDateUsedForWAL" type="xs:date" minOccurs="0" maxOccurs="1"/>
    <xs:element name="ultimateLegalMaturityDate" type="xs:date" minOccurs="0" maxOccurs="1"/>
    <xs:element name="demandFeature" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="demandFeatureItem" type="demandFeatureItem" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="guarantee" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="guaranteeItem" type="guaranteeItem" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="enhancement" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="enhancementItem" type="enhancementItem" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="yield" type="xs:integer"/>
    <xs:element name="position">
      <xs:complexType>
        <xs:all>
          <xs:element name="totalValueIncludingSponsor" type="xs:decimal"/>
          <xs:element name="totalValueExcludingSponsor" type="xs:decimal"/>
          <xs:element name="amortizedValueIncludingSponsor" type="xs:decimal"/>
          <xs:element name="amortizedValueExcludingSponsor" type="xs:decimal"/>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="navPercentageOfFund" type="xs:decimal"/>
    <xs:element name="isLevel3AssetLiability" type="xs:boolean"/>
    <xs:element name="isDailyLiquidAsset" type="xs:boolean"/>
    <xs:element name="isWeeklyLiquidAsset" type="xs:boolean"/>
    <xs:element name="isIlliquidSecurity" type="xs:boolean"/>
    <xs:element name="explanatoryNote" type="xs:string" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>

```



Complex Type: **liquidityPercentageByPeriod**

Super-types:	None
Sub-types:	None

Name	liquidityPercentageByPeriod
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <oneDayOrLess> xs:decimal </oneDayOrLess> [1]
    <days2To7> xs:decimal </days2To7> [1]
    <days8To30> xs:decimal </days8To30> [1]
    <days31To90> xs:decimal </days31To90> [1]
    <days91To180> xs:decimal </days91To180> [1]
    <days181To365> xs:decimal </days181To365> [1]
    <longerThan365Days> xs:decimal </longerThan365Days> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="liquidityPercentageByPeriod">
  <xs:all>
    <xs:element name="oneDayOrLess" type="xs:decimal"/>
    <xs:element name="days2To7" type="xs:decimal"/>
    <xs:element name="days8To30" type="xs:decimal"/>
    <xs:element name="days31To90" type="xs:decimal"/>
    <xs:element name="days91To180" type="xs:decimal"/>
    <xs:element name="days181To365" type="xs:decimal"/>
    <xs:element name="longerThan365Days" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: longShortAmounts

Super-types:	None
Sub-types:	None

Name	longShortAmounts
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <long> xs:integer </long> [1]
    <short> xs:integer </short> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="longShortAmounts">
  <xs:all>
    <xs:element name="long" type="xs:integer"/>
    <xs:element name="short" type="xs:integer"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)



Complex Type: **longShortIntegers**

Super-types:	None
Sub-types:	None

Name	longShortIntegers
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <long> xs:integer </long> [1]
    <short> xs:integer </short> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="longShortIntegers">
  <xs:all>
    <xs:element name="long" type="xs:integer"/>
    <xs:element name="short" type="xs:integer"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **longShortPercents**

Super-types:	None
Sub-types:	None

Name	longShortPercents
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <long> xs:decimal </long> [1]
    <short> xs:decimal </short> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="longShortPercents">
  <xs:all>
    <xs:element name="long" type="xs:decimal"/>
    <xs:element name="short" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Super-types:	None
Sub-types:	None

Name	masterFundInfo
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <name> xs:string </name> [1]
    <fundId> xs:string </fundId> [1]
    <legalEntityId> xs:string </legalEntityId> [0..1]
    <value> xs:integer </value> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="masterFundInfo">
  <xs:all>
    <xs:element name="name" type="xs:string"/>
    <xs:element name="fundId" type="xs:string"/>
    <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="value" type="xs:integer"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **navPercentageOfSuspensionOrRestrictionsType**

Super-types:	None
Sub-types:	None

Name	navPercentageOfSuspensionOrRestrictionsType
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <!-- Q63(a): May be subjected to a suspension of investor withdrawals/redemptions by an adviser or fund governing
    body (this question relates to an adviser's or governing body's right to suspend and not just whether a suspension
    is currently effective) -->
    <maybeSubjectedToSuspension> xs:decimal </maybeSubjectedToSuspension> [1]
    <!-- Q63(b): May be subjected to material restrictions on investor withdrawals/redemptions (e.g., "gates") by an
    adviser or fund governing body (this question relates to an adviser's or governing body's right to impose a
    restriction and not just whether a restriction been imposed) -->
    <maybeSubjectedToMaterialRestrictions> xs:decimal </maybeSubjectedToMaterialRestrictions> [1]
    <!-- Q63(c): Is subject to a suspension of investor withdrawals/redemptions (this question relates to whether a
    suspension is currently effective and not just an adviser's or governing body's right to suspend) -->
    <subjectedToSuspension> xs:decimal </subjectedToSuspension> [1]
    <!-- Q63(d): Is subject to a material restriction on investor withdrawals/redemptions (e.g., a "gate") (this
    question relates to whether a restriction has been imposed and not just an adviser's or governing body's right to
    impose a restriction) -->
    <subjectedToMaterialRestrictions> xs:decimal </subjectedToMaterialRestrictions> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="navPercentageOfSuspensionOrRestrictionsType">
  <xs:all>
    <xs:element name="maybeSubjectedToSuspension" type="xs:decimal"/>
    <xs:element name="maybeSubjectedToMaterialRestrictions" type="xs:decimal"/>
    <xs:element name="subjectedToSuspension" type="xs:decimal"/>
    <xs:element name="subjectedToMaterialRestrictions" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **peakToTroughDrawdown**

Super-types:	None
Sub-types:	None

Name	peakToTroughDrawdown
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <baseCurrencyAmount> xs:integer </baseCurrencyAmount> [1]
    <baseCurrencyPercentage> xs:decimal </baseCurrencyPercentage> [1]
    <beginningDate> xs:date </beginningDate> [1]
    <endDate> xs:date </endDate> [0..1]
    <isDrawdownContinuing> xs:boolean </isDrawdownContinuing> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="peakToTroughDrawdown">
  <xs:all>
    <xs:element name="baseCurrencyAmount" type="xs:integer"/>
    <xs:element name="baseCurrencyPercentage" type="xs:decimal"/>
    <xs:element name="beginningDate" type="xs:date" />
    <xs:element name="endDate" type="xs:date" minOccurs="0" maxOccurs="1"/>
    <xs:element name="isDrawdownContinuing" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **percentageBorrowingBySource**

Super-types:	None
Sub-types:	None

Name	percentageBorrowingBySource
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <fromUSDepository> xs:decimal </fromUSDepository> [0..1]
    <fromUSCreditors> xs:decimal </fromUSCreditors> [0..1]
    <fromNonUSCreditors> xs:decimal </fromNonUSCreditors> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="percentageBorrowingBySource">
  <xs:all>
    <xs:element name="fromUSDepository" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
    <xs:element name="fromUSCreditors" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
    <xs:element name="fromNonUSCreditors" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: performanceInvestmentStrategyItem

Super-types:	None
Sub-types:	None

Name	performanceInvestmentStrategyItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <strategyType> investmentStrategyType </strategyType> [1]
    <month1> xs:integer </month1> [1]
    <month2> xs:integer </month2> [1]
    <month3> xs:integer </month3> [1]
    <quarterly> xs:integer </quarterly> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="performanceInvestmentStrategyItem">
  <xs:all>
    <xs:element name="strategyType" type="investmentStrategyType" />
    <xs:element name="month1" type="xs:integer" />
    <xs:element name="month2" type="xs:integer" />
    <xs:element name="month3" type="xs:integer" />
    <xs:element name="quarterly" type="xs:integer" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **performanceItem**

Super-types:	None
Sub-types:	None

Name	performanceItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <endDate> xs:date </endDate> [1]
    <grossPerformance> xs:decimal </grossPerformance> [1]
    <netPerformance> xs:decimal </netPerformance> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="performanceItem">
  <xs:all>
    <xs:element name="endDate" type="xs:date"/>
    <xs:element name="grossPerformance" type="xs:decimal"/>
    <xs:element name="netPerformance" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)



Complex Type: **portfolioCompanyByIndustryItem**

Super-types:	None
Sub-types:	None

Name	portfolioCompanyByIndustryItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <naicsCode> NAICSCodeType </naicsCode> [0..1]
    <investmentsPercentage> xs:decimal </investmentsPercentage> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="portfolioCompanyByIndustryItem">
  <xs:all>
    <xs:element name="naicsCode" type="NAICSCodeType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="investmentsPercentage" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **privateEquityInvestmentStrategy**

Super-types:	None
Sub-types:	None

Name	privateEquityInvestmentStrategy
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <strategyType> investmentStrategyType </strategyType> [1]
    <percentageCapital> xs:decimal </percentageCapital> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="privateEquityInvestmentStrategy">
  <xs:all>
    <xs:element name="strategyType" type="investmentStrategyType" />
    <xs:element name="percentageCapital" type="xs:decimal" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Super-types:	None
Sub-types:	None

Name	repolItem
Abstract	no

XML Instance Representation

```
<...>

<!-- Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared?

    Q65(g)(i): Is the repo centrally cleared? -->
Start All[1]
<isOpen> xs:boolean </isOpen> [1]
<isCentrallyCleared> xs:boolean </isCentrallyCleared> [1]
<ccp> xs:string </ccp> [0..1]
<isSettledOnTripartyPlatform> xs:boolean </isSettledOnTripartyPlatform> [1]
<collateralIssuerName> xs:string </collateralIssuerName> [1]
<cusip> xs:string </cusip> [0..1]
<legalEntityId> xs:string </legalEntityId> [0..1]
<!-- Q65(g)(viii): Maturity date -->
<maturityDate> [0..1]
    Start All[1]
        <singleDate> xs:date </singleDate> [0..1]
        <range> [0..1]
            Start All[1]
                <startDate> xs:date </startDate> [1]
                <endDate> xs:date </endDate> [1]
            End All
        </range>
    End All
</maturityDate>
<couponOrYield> xs:decimal </couponOrYield> [1]
<principalAmount> xs:decimal </principalAmount> [1]
<collateralValue> xs:decimal </collateralValue> [1]
<collateralInvestmentCategory> collateralInvestmentCategoryType </collateralInvestmentCategory> [1]
<otherInstrumentDescription> xs:string </otherInstrumentDescription> [0..1]
End All
</...>
```

```
<xs:complexType name="repoItem">
  <xs:all>
    <xs:element name="isOpen" type="xs:boolean"/>
    <xs:element name="isCentrallyCleared" type="xs:boolean"/>
    <xs:element name="ccp" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="isSettledOnTripartyPlatform" type="xs:boolean"/>
    <xs:element name="collateralIssuerName" type="xs:string"/>
    <xs:element name="cusip" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="legalEntityId" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="maturityDate" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:all>
          <xs:element name="singleDate" type="xs:date" minOccurs="0" maxOccurs="1"/>
          <xs:element name="range" minOccurs="0" maxOccurs="1">
            <xs:complexType>
              <xs:all>
                <xs:element name="startDate" type="xs:date"/>
                <xs:element name="endDate" type="xs:date"/>
              </xs:all>
            </xs:complexType>
          </xs:element>
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="couponOrYield" type="xs:decimal"/>
    <xs:element name="principalAmount" type="xs:decimal"/>
    <xs:element name="collateralValue" type="xs:decimal"/>
    <xs:element name="collateralInvestmentCategory" type="collateralInvestmentCategoryType"/>
    <xs:element name="otherInstrumentDescription" type="xs:string" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **securedRepoOrOther**

Super-types:	None
Sub-types:	None

Name	securedRepoOrOther
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <cash> borrowLendAmounts </cash> [1]
    <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
    <otherSecurities> borrowLendAmounts </otherSecurities> [1]
    <otherCollateralOrCreditSupport> borrowLendAmounts </otherCollateralOrCreditSupport> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="securedRepoOrOther">
  <xs:all>
    <xs:element name="cash" type="borrowLendAmounts" />
    <xs:element name="governmentSecurities" type="borrowLendAmounts" />
    <xs:element name="otherSecurities" type="borrowLendAmounts" />
    <xs:element name="otherCollateralOrCreditSupport" type="borrowLendAmounts" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **securedRepoOrOtherConsolidated**

Super-types:	None
Sub-types:	None

Name	securedRepoOrOtherConsolidated
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <cash> borrowLendAmounts </cash> [1]
    <governmentSecurities> borrowLendAmounts </governmentSecurities> [1]
    <otherSecurities> borrowLendAmounts </otherSecurities> [1]
    <otherCollateralOrCreditSupport> borrowLendAmounts </otherCollateralOrCreditSupport> [1]
    <percentageBorrowing> percentageBorrowingBySource </percentageBorrowing> [1]
    <postedCollateralFor1PercentMarginIncrease> xs:decimal </postedCollateralFor1PercentMarginIncrease> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="securedRepoOrOtherConsolidated">
  <xs:all>
    <xs:element name="cash" type="borrowLendAmounts" />
    <xs:element name="governmentSecurities" type="borrowLendAmounts" />
    <xs:element name="otherSecurities" type="borrowLendAmounts" />
    <xs:element name="otherCollateralOrCreditSupport" type="borrowLendAmounts" />
    <xs:element name="percentageBorrowing" type="percentageBorrowingBySource" />
    <xs:element name="postedCollateralFor1PercentMarginIncrease" type="xs:decimal" />
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **standardChangeEffect**

Super-types:	None
Sub-types:	None

Name	standardChangeEffect
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <relevancy> changeEffectRelevancy </relevancy> [1]
    <increase10Percent> longShortPercents </increase10Percent> [0..1]
    <decrease10Percent> longShortPercents </decrease10Percent> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="standardChangeEffect">
  <xs:all>
    <xs:element name="relevancy" type="changeEffectRelevancy"/>
    <xs:element name="increase10Percent" type="longShortPercents" minOccurs="0" maxOccurs="1"/>
    <xs:element name="decrease10Percent" type="longShortPercents" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Super-types:	None
Sub-types:	None

Name	top5CreditorExposureItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <counterpartyExposure> creditorCounterpartyExposure </counterpartyExposure> [1]
    <hasPrimeBrokerageAgreement> xs:boolean </hasPrimeBrokerageAgreement> [0..1]
    <exposureBreakdown> counterpartyExposureBreakdown </exposureBreakdown> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="top5CreditorExposureItem">
  <xs:all>
    <xs:element name="counterpartyExposure" type="creditorCounterpartyExposure"/>
    <xs:element name="hasPrimeBrokerageAgreement" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
    <xs:element name="exposureBreakdown" type="counterpartyExposureBreakdown" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)



Complex Type: top5DebtorExposureItem

Super-types:	None
Sub-types:	None

Name	top5DebtorExposureItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <counterpartyExposure> debtorCounterpartyExposure </counterpartyExposure> [1]
    <hasPrimeBrokerageAgreement> xs:boolean </hasPrimeBrokerageAgreement> [0..1]
    <exposureBreakdown> counterpartyExposureBreakdown </exposureBreakdown> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="top5DebtorExposureItem">
  <xs:all>
    <xs:element name="counterpartyExposure" type="debtorCounterpartyExposure"/>
    <xs:element name="hasPrimeBrokerageAgreement" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
    <xs:element name="exposureBreakdown" type="counterpartyExposureBreakdown" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: tradingAndClearingItems

Super-types:	None
Sub-types:	None

Name	tradingAndClearingItems
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <valueTraded> xs:integer </valueTraded> [0..1]
    <valueOfPositionsPeriodEnd> xs:integer </valueOfPositionsPeriodEnd> [0..1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="tradingAndClearingItems">
  <xs:all>
    <xs:element name="valueTraded" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    <xs:element name="valueOfPositionsPeriodEnd" type="xs:integer" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: turnoverByAssetItem

Super-types:	None
Sub-types:	None

Name	turnoverByAssetItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <month1> xs:integer </month1> [1]
    <month2> xs:integer </month2> [1]
    <month3> xs:integer </month3> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="turnoverByAssetItem">
  <xs:all>
    <xs:element name="month1" type="xs:integer"/>
    <xs:element name="month2" type="xs:integer"/>
    <xs:element name="month3" type="xs:integer"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Complex Type: **varItem**

Super-types:	None
Sub-types:	None

Name	varItem
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <confidenceInterval> xs:decimal </confidenceInterval> [1]
    <timeHorizon> xs:integer </timeHorizon> [1]
    <weightingMethod> xs:string (value comes from list: {'None' | 'Exponential' | 'Other'}) </weightingMethod> [1]
    <weightingMethodOtherDescription> xs:string </weightingMethodOtherDescription> [0..1]
    <weightingFactor> xs:decimal </weightingFactor> [0..1]
    <calculationMethod> xs:string (value comes from list: {'Historical simulation' | 'Monte Carlo simulation' | 'Parametric' | 'Other'}) </calculationMethod> [1]
    <calculationMethodOtherDescription> xs:string </calculationMethodOtherDescription> [0..1]
    <lookbackPeriod> xs:integer </lookbackPeriod> [1]
    <month1VaR> xs:decimal </month1VaR> [1]
    <month2VaR> xs:decimal </month2VaR> [1]
    <month3VaR> xs:decimal </month3VaR> [1]
  End All
</...>
```

Schema Component Representation

```
<xs:complexType name="varItem">
  <xs:all>
    <xs:element name="confidenceInterval" type="xs:decimal"/>
    <xs:element name="timeHorizon" type="xs:integer"/>
    <xs:element name="weightingMethod">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="None"/>
          <xs:enumeration value="Exponential"/>
          <xs:enumeration value="Other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="weightingMethodOtherDescription" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="weightingFactor" type="xs:decimal" minOccurs="0" maxOccurs="1"/>
    <xs:element name="calculationMethod">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Historical simulation"/>
          <xs:enumeration value="Monte Carlo simulation"/>
          <xs:enumeration value="Parametric"/>
          <xs:enumeration value="Other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="calculationMethodOtherDescription" type="xs:string" minOccurs="0" maxOccurs="1"/>
    <xs:element name="lookbackPeriod" type="xs:integer"/>
    <xs:element name="month1VaR" type="xs:decimal"/>
    <xs:element name="month2VaR" type="xs:decimal"/>
    <xs:element name="month3VaR" type="xs:decimal"/>
  </xs:all>
</xs:complexType>
```

[Table of Contents](#)

Simple Type: **actionCode**

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

Name	actionCode
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'RMV'   'UPD'   'NOC'}</li></ul>
Documentation	UPD: Update Fund, RMV: Remove Fund, NOC: No action

Schema Component Representation

```
<xs:simpleType name="actionCode">
  <xs:restriction base="xs:string">
    <xs:enumeration value="RMV"/>
    <xs:enumeration value="UPD"/>
    <xs:enumeration value="NOC"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

Simple Type: **changeEffectRelevancy**

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

Name	changeEffectRelevancy
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'Relevant/formally tested'   'Not relevant'   'Relevant/not formally tested'}</li></ul>

Schema Component Representation

```
<xs:simpleType name="changeEffectRelevancy">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Relevant/formally tested"/>
    <xs:enumeration value="Not relevant"/>
    <xs:enumeration value="Relevant/not formally tested"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

Simple Type: collateralInvestmentCategoryType

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

Name	collateralInvestmentCategoryType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'CASH'   'ABS'   'ACMO'   'ABANDAS'   'AMBS'   'PLCMO'   'CDS'   'EQ'   'MM'   'USTINCLS'   'OTHR'}</li></ul>
Documentation	<p>CASH - Cash ABS - Asset Backed Securities ACMO - Agency Collateralized Mortgage Obligations ABANDAS - Agency Debentures and Agency Strips AMBS - Agency Mortgage Backed Securities PLCMO - Private Label Collateralized Mortgage Obligations CDS - Corporate Debt Securities EQ- Equities MM - Money Market USTINCLS - U.S. Treasuries (including strips) OTHR - Other Instrument</p>

Schema Component Representation

```
<xs:simpleType name="collateralInvestmentCategoryType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="CASH"/>
    <xs:enumeration value="ABS"/>
    <xs:enumeration value="ACMO"/>
    <xs:enumeration value="ABANDAS"/>
    <xs:enumeration value="AMBS"/>
    <xs:enumeration value="PLCMO"/>
    <xs:enumeration value="CDS"/>
    <xs:enumeration value="EQ"/>
    <xs:enumeration value="MM"/>
    <xs:enumeration value="USTINCLS"/>
    <xs:enumeration value="OTHR"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

Simple Type: currencyCodeType

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

Name	currencyCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>value</i> comes from list: {'USD'   'AED'   'AFN'   'ALL'   'AMD'   'ANG'   'AOA'   'ARS'   'AUD'   'AWG'   'AZN'   'BAM'   'BBD'   'BDT'   'BGN'   'BHD'   'BIF'   'BMD'   'BND'   'BOB'   'BOV'   'BRL'   'BSD'   'BTN'   'BWP'   'BYN'   'BZD'   'CAD'   'CDF'   'CHE'   'CHF'   'CHW'   'CLF'   'CLP'   'CNY'   'COP'   'COU'   'CRC'   'CUC'   'CUP'   'CVE'   'CZK'   'DJF'   'DKK'   'DOP'   'DZD'   'EGP'   'ERN'   'ETB'   'EUR'   'FJD'   'FKP'   'GBP'   'GEL'   'GHS'   'GIP'   'GMD'   'GNF'   'GTQ'   'GYD'   'HKD'   'HNL'   'HTG'   'HUF'   'IDR'   'ILS'   'INR'   'IQD'   'IRR'   'ISK'   'JMD'   'JOD'   'JPY'   'KES'   'KGS'   'KHR'   'KMF'   'KPW'   'KRW'   'KWD'   'KYD'   'KZT'   'LAK'   'LBP'   'LKR'   'LRD'   'LSL'   'LYD'   'MAD'   'MDL'   'MGA'   'MKD'   'MMK'   'MNT'   'MOP'   'MRU'   'MUR'   'MVR'   'MWK'   'MXN'   'MXV'   'MYR'   'MZN'   'NAD'   'NGN'   'NIO'   'NOK'   'NPR'   'NZD'   'OMR'   'PAB'   'PEN'   'PGK'   'PHP'   'PKR'   'PLN'   'PYG'   'QAR'   'RON'   'RSD'   'RUB'   'RWF'   'SAR'   'SBD'   'SCR'   'SDG'   'SEK'   'SGD'   'SHP'   'SLE'   'SOS'   'SRD'   'SSP'   'STN'   'SVC'   'SYP'   'SZL'   'THB'   'TJS'   'TMT'   'TND'   'TOP'   'TRY'   'TTD'   'TWD'   'TZS'   'UAH'   'UGX'   'USN'   'UYI'   'UYU'   'UYW'   'UZS'   'VED'   'VES'   'VND'   'VUV'   'WST'   'XAF'   'XAG'   'XAU'   'XBA'   'XBB'   'XBC'   'XBD'   'XCD'   'XDR'   'XOF'   'XPD'   'XPF'   'XPT'   'XSU'   'XTS'   'XUA'   'XXX'   'YER'   'ZAR'   'ZMW'   'ZWG'   'ZWL'}</li></ul>
Documentation	"USD": "US Dollar" "AED": "UAE Dirham" "AFN": "Afghani" "ALL": "Lek" "AMD": "Armenian Dram" "ANG": "Netherlands Antillean Guilder" "AOA": "Kwanza" "ARS": "Argentine Peso" "AUD": "Australian Dollar" "AWG": "Aruban Florin" "AZN": "Azerbaijan Manat" "BAM": "Convertible Mark" "BBD": "Barbados Dollar" "BDT": "Taka" "BGN": "Bulgarian Lev" "BHD": "Bahraini Dinar" "BIF": "Burundi Franc" "BMD": "Bermudian Dollar" "BND": "Brunei Dollar" "BOB": "Boliviano" "BOV": "Mvdol" "BRL": "Brazilian Real" "BSD": "Bahamian Dollar" "BTN": "Ngultrum" "BWP": "Pula" "BYN": "Belarusian Ruble" "BZD": "Belize Dollar" "CAD": "Canadian Dollar" "CDF": "Congolese Franc" "CHE": "WIR Euro" "CHF": "Swiss Franc" "CHW": "WIR Franc" "CLF": "Unidad de Fomento" "CLP": "Chilean Peso" "CNY": "Yuan Renminbi" "COP": "Colombian Peso" "COU": "Unidad de Valor Real" "CRC": "Costa Rican Colon" "CUC": "Peso Convertible" "CUP": "Cuban Peso" "CVE": "Cabo Verde Escudo" "CZK": "Czech Koruna" "DJF": "Djibouti Franc" "DKK": "Danish Krone" "DOP": "Dominican Peso" "DZD": "Algerian Dinar" "EGP": "Egyptian Pound" "ERN": "Nakfa" "ETB": "Ethiopian Birr" "EUR": "Euro" "FJD": "Fiji Dollar" "FKP": "Falkland Islands Pound" "GBP": "Pound Sterling" "GEL": "Lari"



"GHS": "Ghana Cedi"  
"GIP": "Gibraltar Pound"  
"GMD": "Dalasi"  
"GNF": "Guinean Franc"  
"GTQ": "Quetzal"  
"GYD": "Guyana Dollar"  
"HKD": "Hong Kong Dollar"  
"HNL": "Lempira"  
"HTG": "Gourde"  
"HUF": "Forint"  
"IDR": "Rupiah"  
"ILS": "New Israeli Sheqel"  
"INR": "Indian Rupee"  
"IQD": "Iraqi Dinar"  
"IRR": "Iranian Rial"  
"ISK": "Iceland Krona"  
"JMD": "Jamaican Dollar"  
"JOD": "Jordanian Dinar"  
"JPY": "Yen"  
"KES": "Kenyan Shilling"  
"KGS": "Som"  
"KHR": "Riel"  
"KMF": "Comorian Franc "  
"KPW": "North Korean Won"  
"KRW": "Won"  
"KWD": "Kuwaiti Dinar"  
"KYD": "Cayman Islands Dollar"  
"KZT": "Tenge"  
"LAK": "Lao Kip"  
"LBP": "Lebanese Pound"  
"LKR": "Sri Lanka Rupee"  
"LRD": "Liberian Dollar"  
"LSL": "Loti"  
"LYD": "Libyan Dinar"  
"MAD": "Moroccan Dirham"  
"MDL": "Moldovan Leu"  
"MGA": "Malagasy Ariary"  
"MKD": "Denar"  
"MMK": "Kyat"  
"MNT": "Tugrik"  
"MOP": "Pataca"  
"MRU": "Ouguiya"  
"MUR": "Mauritius Rupee"  
"MVR": "Rufiyaa"  
"MWK": "Malawi Kwacha"  
"MXN": "Mexican Peso"  
"MXV": "Mexican Unidad de Inversion (UDI)"  
"MYR": "Malaysian Ringgit"  
"MZN": "Mozambique Metical"  
"NAD": "Namibia Dollar"  
"NGN": "Naira"  
"NIO": "Cordoba Oro"  
"NOK": "Norwegian Krone"  
"NPR": "Nepalese Rupee"  
"NZD": "New Zealand Dollar"  
"OMR": "Rial Omani"  
"PAB": "Balboa"  
"PEN": "Sol"  
"PGK": "Kina"  
"PHP": "Philippine Peso"  
"PKR": "Pakistan Rupee"  
"PLN": "Zloty"  
"PYG": "Guarani"  
"QAR": "Qatari Rial"  
"RON": "Romanian Leu"  
"RSD": "Serbian Dinar"  
"RUB": "Russian Ruble"  
"RWF": "Rwanda Franc"  
"SAR": "Saudi Riyal"  
"SBD": "Solomon Islands Dollar"  
"SCR": "Seychelles Rupee"  
"SDG": "Sudanese Pound"  
"SEK": "Swedish Krona"  
"SGD": "Singapore Dollar"  
"SHP": "Saint Helena Pound"  
"SLE": "Leone"  
"SOS": "Somali Shilling"  
"SRD": "Surinam Dollar"  
"SSP": "South Sudanese Pound"  
"STN": "Dobra"

"SVC": "El Salvador Colon"  
"SYP": "Syrian Pound"  
"SZL": "Lilangeni"  
"THB": "Baht"  
"TJS": "Somoni"  
"TMT": "Turkmenistan New Manat"  
"TND": "Tunisian Dinar"  
"TOP": "Pa'anga"  
"TRY": "Turkish Lira"  
"TTD": "Trinidad and Tobago Dollar"  
"TWD": "New Taiwan Dollar"  
"TZS": "Tanzanian Shilling"  
"UAH": "Hryvnia"  
"UGX": "Uganda Shilling"  
"USN": "US Dollar (Next day)"  
"UYI": "Uruguay Peso en Unidades Indexadas (UI)"  
"UYU": "Peso Uruguayo"  
"UYW": "Unidad Previsional"  
"UZS": "Uzbekistan Sum"  
"VED": "Bolívar Soberano"  
"VES": "Bolívar Soberano"  
"VND": "Dong"  
"VUV": "Vatu"  
"WST": "Tala"  
"XAF": "CFA Franc BEAC"  
"XAG": "Silver"  
"XAU": "Gold"  
"XBA": "Bond Markets Unit European Composite Unit (EURCO)"  
"XBB": "Bond Markets Unit European Monetary Unit (E.M.U.-6)"  
"XBC": "Bond Markets Unit European Unit of Account 9 (E.U.A.-9)"  
"XBD": "Bond Markets Unit European Unit of Account 17 (E.U.A.-17)"  
"XCD": "East Caribbean Dollar"  
"XDR": "SDR (Special Drawing Right)"  
"XOF": "CFA Franc BCEAO"  
"XPD": "Palladium"  
"XPF": "CFP Franc"  
"XPT": "Platinum"  
"XSU": "Sucre"  
"XTS": "Codes specifically reserved for testing purposes"  
"XUA": "ADB Unit of Account"  
"XXX": "The codes assigned for transactions where no currency is involved"  
"YER": "Yemeni Rial"  
"ZAR": "Rand"  
"ZMW": "Zambian Kwacha"  
"ZWG": "Zimbabwe Gold"  
"ZWL": "Zimbabwe Dollar"

## Schema Component Representation

```
<xs:simpleType name="currencyCodeType">  
  <xs:restriction base="xs:string">  
    <xs:enumeration value="USD" />  
    <xs:enumeration value="AED" />  
    <xs:enumeration value="AFN" />  
    <xs:enumeration value="ALL" />  
    <xs:enumeration value="AMD" />  
    <xs:enumeration value="ANG" />  
    <xs:enumeration value="AOA" />  
    <xs:enumeration value="ARS" />  
    <xs:enumeration value="AUD" />  
    <xs:enumeration value="AWG" />  
    <xs:enumeration value="AZN" />  
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    <xs:enumeration value="BBD" />  
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    <xs:enumeration value="BYN" />  
    <xs:enumeration value="BZD" />  
    <xs:enumeration value="CAD" />  
    <xs:enumeration value="CDF" />
```

```
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<xs:enumeration value="CHW" />
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<xs:enumeration value="CLP" />
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```

```
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<xs:enumeration value="ZWG" />
<xs:enumeration value="ZWL" />
</xs:restriction>
</xs:simpleType>
```

Simple Type: fundInvestorCode

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

Name	fundInvestorCode
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'US_PERSN'   'NON_US_PERSN'   'US_BD'   'NON_US_BD'   'US_NSRNC_CMPNY'   'NON_US_NSRNC_CMPNY'   'NVSMT_CMPNY'   'EXT_PRVT_FUND'   'INT_PRVT_FUND'   'US_NON_PRFT'   'NON_US_NON_PRFT'   'US_PNSN_PLN'   'NON_US_PNSN_PLN'   'US_BANKG_INSTN'   'NON_US_BANKG_INSTN'   'GOVT_ENTTY'   'GOVT_PNSN'   'FRGN_INSTN'   'NON_US_NTMDY'   'OTHER'}</li></ul>
Documentation	<p>Add the code value in the xml</p> <p>US_PERSN-Individuals that are United States persons (including their trusts)</p> <p>NON_US_PERSN-Individuals that are not United States persons (including their trusts)</p> <p>US_BD-Broker-dealers that are United States persons</p> <p>NON_US_BD-Broker-dealers that are not United States persons</p> <p>US_NSRNC_CMPNY-Insurance companies that are United States persons</p> <p>NON_US_NSRNC_CMPNY-Insurance companies that are not United States persons</p> <p>NVSMT_CMPNY-Investment companies registered with the SEC</p> <p>EXT_PRVT_FUND-External private funds</p> <p>INT_PRVT_FUND-Internal private funds</p> <p>US_NON_PRFT-Non-profits that are United States persons</p> <p>NON_US_NON_PRFT-Non-profits that are not United States persons</p> <p>US_PNSN_PLN-U.S Pension plans (excluding governmental pension plans)</p> <p>NON_US_PNSN_PLN-Non-U.S. pension funds (plans and funds that are not U.S. private or governmental pension plans)</p> <p>US_BANKG_INSTN-Banking or thrift institutions that are United States persons</p> <p>NON_US_BANKG_INSTN-Banking or thrift institutions that are not United States persons</p> <p>GOVT_ENTTY-U.S. state or municipal government entities (excluding governmental pension plans)</p> <p>GOVT_PNSN-U.S. state or municipal governmental pension plans</p> <p>FRGN_INSTN-Sovereign wealth funds and foreign official institutions (excluding pension funds)</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>OTHER-Other</p>

Schema Component Representation

```
<xs:simpleType name="fundInvestorCode">
  <xs:restriction base="xs:string">
    <xs:enumeration value="US_PERSN" />
    <xs:enumeration value="NON_US_PERSN" />
    <xs:enumeration value="US_BD" />
    <xs:enumeration value="NON_US_BD" />
    <xs:enumeration value="US_NSRNC_CMPNY" />
    <xs:enumeration value="NON_US_NSRNC_CMPNY" />
    <xs:enumeration value="NVSMT_CMPNY" />
    <xs:enumeration value="EXT_PRVT_FUND" />
    <xs:enumeration value="INT_PRVT_FUND" />
    <xs:enumeration value="US_NON_PRFT" />
    <xs:enumeration value="NON_US_NON_PRFT" />
    <xs:enumeration value="US_PNSN_PLN" />
    <xs:enumeration value="NON_US_PNSN_PLN" />
    <xs:enumeration value="US_BANKG_INSTN" />
    <xs:enumeration value="NON_US_BANKG_INSTN" />
    <xs:enumeration value="GOVT_ENTTY" />
    <xs:enumeration value="GOVT_PNSN" />
    <xs:enumeration value="FRGN_INSTN" />
    <xs:enumeration value="NON_US_NTMDY" />
    <xs:enumeration value="OTHER" />
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

Simple Type: fundType

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

Name	fundType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'HEDGE'   'LIQUIDITY'   'NONPRIVATE'   'OTHER'   'PRIVATE'   'REALESTATE'   'SECUREASSET'   'VC'}</li></ul>
Documentation	HEDGE: Hedge Fund,LIQUIDITY: Liquidity Fund,NONPRIVATE: Funds and accounts other than private funds,OTHER: Other Private Funds, PRIVATE: Private Equity Fund, REALESTATE: Real Estate Fund, SECUREASSET: Securitized Asset Fund, VC: Venture Capital Fund

Schema Component Representation

```
<xs:simpleType name="fundType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="HEDGE"/>
    <xs:enumeration value="LIQUIDITY"/>
    <xs:enumeration value="NONPRIVATE"/>
    <xs:enumeration value="OTHER"/>
    <xs:enumeration value="PRIVATE"/>
    <xs:enumeration value="REALESTATE"/>
    <xs:enumeration value="SECUREASSET"/>
    <xs:enumeration value="VC"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

Simple Type: **instrumentType**

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

Name	instrumentType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'CPI'   'FUT'   'FWD'   'SWP'   'LOP'   'UOP'   'ODP'   'ETF'   'ETP'   'USRIC'   'NUSRIC'   'IPF'   'EPF'   'CMP'   'AOCE'}</li></ul>
Documentation	CPI-Cash/Physical Instruments FUT-Futures FWD-Forwards SWP-Swaps LOP-Listed Options UOP-Unlisted Options ODP-Other Derivative Products ETF-ETFs ETP-Other Exchange Traded Products USRIC-U.S. Registered Investment Companies (excluding ETFs and money market funds) NUSRIC-Investments in Non-U.S. Registered Investment Companies IPF-Internal Private Funds EPF-External Private Funds CMP-Commodity Pools AOCE-Any Other Company, Fund, or Entity

Schema Component Representation

```
<xs:simpleType name="instrumentType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="CPI"/>
    <xs:enumeration value="FUT"/>
    <xs:enumeration value="FWD"/>
    <xs:enumeration value="SWP"/>
    <xs:enumeration value="LOP"/>
    <xs:enumeration value="UOP"/>
    <xs:enumeration value="ODP"/>
    <xs:enumeration value="ETF"/>
    <xs:enumeration value="ETP"/>
    <xs:enumeration value="USRIC"/>
    <xs:enumeration value="NUSRIC"/>
    <xs:enumeration value="IPF"/>
    <xs:enumeration value="EPF"/>
    <xs:enumeration value="CMP"/>
    <xs:enumeration value="AOCE"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

Simple Type: investmentStrategyType

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

Name	investmentStrategyType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'EQ'   'EQLSMN'   'EQLSSB'   'EQLSLB'   'EQFD'   'EQSA'   'EQEM'   'EQLO'   'MAC'   'MACAT'   'MACC'   'MACCR'   'MACGM'   'CA'   'RV'   'RVFIA'   'RVFICA'   'RVFIC'   'RVFIS'   'RVFIA'   'RVVA'   'ED'   'EDD'   'EDDR'   'EDRMA'   'EDESS'   'EDNESS'   'CR'   'CRLS'   'CRABL'   'CRLF'   'CREM'   'CRASP'   'MFCTA'   'MFCTAF'   'MFCTAQ'   'IOF'   'OTH'   'PC'   'PCDL'   'PCDD'   'PCJD'   'PCMF'   'PCSD'   'PCSSD'   'PCSS'   'PCVD'   'PCO'   'PE'   'PEES'   'PEELS'   'PEB'   'PED'   'PEG'   'PIPE'   'PESEC'   'PET'   'RE'   'REIT'   'RA'   'ALIP'   'LF'   'DA'   'GPSI'   'CCE'}</li></ul>
Documentation	<p>EQ-Equity</p> <p>EQLSMN-Equity, Long/Short Market Neutral</p> <p>EQLSSB-Equity, Long/Short Short Bias</p> <p>EQLSLB-Equity, Long/Short Long Bias</p> <p>EQFD-Equity, Factor Driven</p> <p>EQSA-Equity, Statistical Arbitrage</p> <p>EQEM-Equity, Emerging Markets</p> <p>EQLO-Equity, Long Only</p> <p>MAC-Macro</p> <p>MACAT-Macro, Active Trading</p> <p>MACC-Macro, Commodity</p> <p>MACCR-Macro, Currency</p> <p>MACGM-Macro, Global Macro</p> <p>CA-Convertible Arbitrage</p> <p>RV-Relative Value</p> <p>RVFIA-Relative Value, Fixed Income Asset Backed</p> <p>RVFICA-Relative Value, Fixed Income Convertible Arbitrage</p> <p>RVFIC-Relative Value, Fixed Income Corporate</p> <p>RVFIS-Relative Value, Fixed Income Sovereign</p> <p>RVFIA-Relative Value, Fixed Income Arbitrage</p> <p>RVVA-Relative Value, Volatility Arbitrage</p> <p>ED-Event Driven</p> <p>EDD-Event Driven, Distressed</p> <p>EDDR-Event Driven, Distressed/Restructuring</p> <p>EDRMA-Event Driven, Risk Arbitrage/Merger Arbitrage</p> <p>EDESS-Event Driven, Equity Special Situations</p> <p>EDNESS-Event Driven, Non-Equity Special Situations</p> <p>CR-Credit</p> <p>CRLS-Credit, Long/Short</p> <p>CRABL-Credit, Asset Based Lending</p> <p>CRLF-Credit, Litigation Finance</p> <p>CREM-Credit, Emerging Markets</p> <p>CRASP-Credit, Asset Backed/Structured Products</p> <p>MFCTA-Managed Futures/CTA</p> <p>MFCTAF-Managed Futures/CTA, Fundamental</p> <p>MFCTAQ-Managed Futures/CTA, Quantitative</p> <p>IOF-Investment in other funds</p> <p>OTH-Other</p> <p>PC-Private Credit</p> <p>PCDL-Private Credit - Direct Lending/Mid Market Lending</p> <p>PCDD-Private Credit - Distressed Debt</p> <p>PCJD-Private Credit - Junior/Subordinate Debt</p> <p>PCMF-Private Credit - Mezzanine Financing</p> <p>PCSD-Private Credit - Senior Debt</p> <p>PCSSD-Private Credit - Senior Subordinated Debt</p> <p>PCSS-Private Credit - Special Situations</p> <p>PCVD-Private Credit - Venture Debt</p> <p>PCO-Private Credit - Other</p> <p>PE-Private Equity</p> <p>PEES-Private Equity - Early Stage</p> <p>PEELS-Private Equity - Expansion/Late Stage</p> <p>PEB-Private Equity - Buyout</p> <p>PED-Private Equity - Distressed</p> <p>PEG-Private Equity - Growth</p> <p>PIPE-Private Equity -Private Investment in Public Equity</p> <p>PESEC-Private Equity -Secondaries</p> <p>PET-Private Equity - Turnaround</p> <p>RE-Real Estate</p> <p>REIT-Real Estate Investment Trusts</p> <p>RA-Real Assets Excluding Real Estate</p> <p>ALIP-Annuity and Life Insurance Policies</p>



## Schema Component Representation

```
<xs:simpleType name="investmentStrategyType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="EQ" />
    <xs:enumeration value="EQLSMN" />
    <xs:enumeration value="EQLSSB" />
    <xs:enumeration value="EQLSLB" />
    <xs:enumeration value="EQFD" />
    <xs:enumeration value="EQSA" />
    <xs:enumeration value="EQEM" />
    <xs:enumeration value="EQLO" />
    <xs:enumeration value="MAC" />
    <xs:enumeration value="MACAT" />
    <xs:enumeration value="MACC" />
    <xs:enumeration value="MACCR" />
    <xs:enumeration value="MACGM" />
    <xs:enumeration value="CA" />
    <xs:enumeration value="RV" />
    <xs:enumeration value="RVFIA" />
    <xs:enumeration value="RVFICA" />
    <xs:enumeration value="RVFIC" />
    <xs:enumeration value="RVFIS" />
    <xs:enumeration value="RVFIA" />
    <xs:enumeration value="RVVA" />
    <xs:enumeration value="ED" />
    <xs:enumeration value="EDD" />
    <xs:enumeration value="EDDR" />
    <xs:enumeration value="EDRMA" />
    <xs:enumeration value="EDESS" />
    <xs:enumeration value="EDNESS" />
    <xs:enumeration value="CR" />
    <xs:enumeration value="CRLS" />
    <xs:enumeration value="CRABL" />
    <xs:enumeration value="CRLF" />
    <xs:enumeration value="CREM" />
    <xs:enumeration value="CRASP" />
    <xs:enumeration value="MFCTA" />
    <xs:enumeration value="MFCTAF" />
    <xs:enumeration value="MFCTAQ" />
    <xs:enumeration value="IOF" />
    <xs:enumeration value="OTH" />
    <xs:enumeration value="PC" />
    <xs:enumeration value="PCDL" />
    <xs:enumeration value="PCDD" />
    <xs:enumeration value="PCJD" />
    <xs:enumeration value="PCMF" />
    <xs:enumeration value="PCSD" />
    <xs:enumeration value="PCSSD" />
    <xs:enumeration value="PCSS" />
    <xs:enumeration value="PCVD" />
    <xs:enumeration value="PCO" />
    <xs:enumeration value="PE" />
    <xs:enumeration value="PEES" />
    <xs:enumeration value="PEELS" />
    <xs:enumeration value="PEB" />
    <xs:enumeration value="PED" />
    <xs:enumeration value="PEG" />
    <xs:enumeration value="PIPE" />
    <xs:enumeration value="PESEC" />
    <xs:enumeration value="PET" />
    <xs:enumeration value="RE" />
    <xs:enumeration value="REIT" />
    <xs:enumeration value="RA" />
    <xs:enumeration value="ALIP" />
    <xs:enumeration value="LF" />
    <xs:enumeration value="DA" />
    <xs:enumeration value="GPSI" />
    <xs:enumeration value="CCE" />
  </xs:restriction>
</xs:simpleType>
```

Simple Type: liquidityFundInvestmentCategory

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

Name	liquidityFundInvestmentCategory
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'USTD'   'USGADCPN'   'USGADNCD'   'NUSSND'   'CD'   'NNTD'   'VRDN'   'OMS'   'ABCP'   'OABS'   'USTRRA'   'USGARA'   'ORA'   'ICFA'   'IC'   'FCCP'   'NFCCP'   'TOB'   'OI'}</li></ul>
Documentation	<p>USTD - U.S. Treasury Debt USGADCPN - U.S. Government Agency Debt (Coupon-Paying Notes) USGADNCD - U.S. Government Agency Debt (No-Coupon-Discount Notes) NUSSND - Non-U.S. Sovereign, Sub-Sovereign and Supra-National Debt CD - Certificate of Deposit NNTD - Non-Negotiable Time Deposit VRDN - Variable Rate Demand Note OMS - Other Municipal Security ABCP - Asset Backed Commercial Paper OABS - Other Asset Backed Securities USTRRA - U.S. Treasury Repo (collateralized by U.S. Treasuries including Strips and cash) USGARA - U.S. Government Agency Repo (collateralized by U.S. Government Agency securities, U.S. Treasuries, and cash) ORA - Other Repo (if collateral falls outside Treasury, Government Agency, and cash) ICFA - Insurance Company Funding Agreement IC - Investment Company FCCP - Financial Company Commercial Paper NFCCP - Non-Financial Company Commercial Paper TOB - Tender Option Bond OI - Other Instrument</p>

Schema Component Representation

```
<xs:simpleType name="liquidityFundInvestmentCategory">
  <xs:restriction base="xs:string">
    <xs:enumeration value="USTD"/>
    <xs:enumeration value="USGADCPN"/>
    <xs:enumeration value="USGADNCD"/>
    <xs:enumeration value="NUSSND"/>
    <xs:enumeration value="CD"/>
    <xs:enumeration value="NNTD"/>
    <xs:enumeration value="VRDN"/>
    <xs:enumeration value="OMS"/>
    <xs:enumeration value="ABCP"/>
    <xs:enumeration value="OABS"/>
    <xs:enumeration value="USTRRA"/>
    <xs:enumeration value="USGARA"/>
    <xs:enumeration value="ORA"/>
    <xs:enumeration value="ICFA"/>
    <xs:enumeration value="IC"/>
    <xs:enumeration value="FCCP"/>
    <xs:enumeration value="NFCCP"/>
    <xs:enumeration value="TOB"/>
    <xs:enumeration value="OI"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

Simple Type: **majorFinancialInstitution**

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

Name	majorFinancialInstitution
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'ABN'   'ANZ'   'BAML'   'BMP'   'BNY'   'BAR'   'BLK'   'BNP'   'CIBC'   'CF'   'CITCO'   'CITI'   'CBA'   'CA'   'CS'   'DB'   'CBK'   'FICC'   'FID'   'GS'   'HSBC'   'ING'   'JEF'   'JPM'   'LLOY'   'MAC'   'MUFG'   'MIZ'   'MS'   'NA'   'NAB'   'NAX'   'NE'   'NOM'   'NTRS'   'OTH'   'PIMCO'   'PNC'   'PRU'   'RBC'   'RBS'   'SAN'   'SCOTIA'   'SOCGEN'   'STAN'   'STT'   'SMFG'   'TD'   'UBS'   'USB'   'WFC'}</li></ul>
Documentation	<p>ABN-ABN Amro ANZ-Australia and New Zealand (ANZ) BAML-Bank of America/Merrill Lynch BMP-Bank of Montreal BNY-Bank of New York BAR-Barclays BLK-BlackRock BNP-BNP Paribas CIBC-Canadian Imperial CF-Cantor Fitzgerald CITCO-Citco CITI-Citigroup CBA-Commonwealth Bank of Australia CA-Crédit Agricole CS-Credit Suisse DB-Deutsche Bank CBK-Commerzbank FICC-FICC FID-Fidelity GS-Goldman Sachs HSBC-HSBC ING-ING JEF-Jeffries JPM-JP Morgan LLOY-Lloyds MAC-Macquarie MUFG-Mitsubishi UFJ Financial Group MIZ-Mizuho MS-Morgan Stanley NA-NA NAB-National Australia NAX-Natixis NE-New Edge NOM-Nomura NTRS-Northern trust OTH-Other PIMCO-PIMCO PNC-PNC PRU-Prudential RBC-Royal Bank of Canada RBS-Royal Bank of Scotland SAN-Santander SCOTIA-Scotiabank SOCGEN-Société Générale STAN-Standard Chartered STT-State Street SMFG-Sumitomo Mitsui TD-Toronto Dominion UBS-UBS USB-US Bank WFC-Wells Fargo</p>

```
<xs:simpleType name="majorFinancialInstitution">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ABN"/>
    <xs:enumeration value="ANZ"/>
    <xs:enumeration value="BAML"/>
    <xs:enumeration value="BMP"/>
    <xs:enumeration value="BNY"/>
    <xs:enumeration value="BAR"/>
    <xs:enumeration value="BLK"/>
    <xs:enumeration value="BNP"/>
    <xs:enumeration value="CIBC"/>
    <xs:enumeration value="CF"/>
    <xs:enumeration value="CITCO"/>
    <xs:enumeration value="CITI"/>
    <xs:enumeration value="CBA"/>
    <xs:enumeration value="CA"/>
    <xs:enumeration value="CS"/>
    <xs:enumeration value="DB"/>
    <xs:enumeration value="CBK"/>
    <xs:enumeration value="FICC"/>
    <xs:enumeration value="FID"/>
    <xs:enumeration value="GS"/>
    <xs:enumeration value="HSBC"/>
    <xs:enumeration value="ING"/>
    <xs:enumeration value="JEF"/>
    <xs:enumeration value="JPM"/>
    <xs:enumeration value="LLOY"/>
    <xs:enumeration value="MAC"/>
    <xs:enumeration value="MUFG"/>
    <xs:enumeration value="MIZ"/>
    <xs:enumeration value="MS"/>
    <xs:enumeration value="NA"/>
    <xs:enumeration value="NAB"/>
    <xs:enumeration value="NAX"/>
    <xs:enumeration value="NE"/>
    <xs:enumeration value="NOM"/>
    <xs:enumeration value="NTRS"/>
    <xs:enumeration value="OTH"/>
    <xs:enumeration value="PIMCO"/>
    <xs:enumeration value="PNC"/>
    <xs:enumeration value="PRU"/>
    <xs:enumeration value="RBC"/>
    <xs:enumeration value="RBS"/>
    <xs:enumeration value="SAN"/>
    <xs:enumeration value="SCOTIA"/>
    <xs:enumeration value="SOCGEN"/>
    <xs:enumeration value="STAN"/>
    <xs:enumeration value="STT"/>
    <xs:enumeration value="SMFG"/>
    <xs:enumeration value="TD"/>
    <xs:enumeration value="UBS"/>
    <xs:enumeration value="USB"/>
    <xs:enumeration value="WFC"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

### Simple Type: NAICSCodeType

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

Name	NAICSCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'NA'   '111110'   '111120'   '111130'   '111140'   '111150'   '111160'   '111191'   '111199'   '111211'   '111219'   '111310'   '111320'   '111331'   '111332'   '111333'   '111334'   '111335'   '111336'   '111339'   '111411'   '111419'   '111421'   '111422'   '111910'   '111920'   '111930'   '111940'   '111991'   '111992'   '111998'   '112111'   '112112'   '112120'   '112130'   '112210'   '112310'   '112320'   '112330'   '112340'   '112390'   '112410'   '112420'   '112511'   '112512'   '112519'   '112910'   '112920'   '112930'   '112990'   '113110'   '113210'   '113310'   '114111'   '114112'   '114119'   '114210'   '115111'   '115112'   '115113'   '115114'   '115115'   '115116'   '115210'   '115310'   '211120'   '211130'   '212114'   '212115'   '212210'   '212220'   '212230'   '212290'   '212311'   '212312'   '212313'   '212319'   '212321'   '212322'   '212323'   '212390'   '213111'   '213112'   '213113'   '213114'   '213115'   '221111'   '221112'   '221113'   '221114'   '221115'   '221116'   '221117'   '221118'   '221121'   '221122'   '221210'   '221310'   '221320'   '221330'   '236115'   '236116'   '236117'   '236118'   '236210'   '236220'   '237110'   '237120'   '237130'   '237210'   '237310'   '237990'   '238110'   '238120'   '238130'   '238140'   '238150'   '238160'   '238170'   '238190'   '238210'   '238220'   '238290'   '238310'   '238320'   '238330'   '238340'   '238350'   '238390'   '238910'   '238990'   '311111'   '311119'   '311211'   '311212'   '311213'   '311221'   '311224'   '311225'   '311230'   '311313'   '311314'   '311340'   '311351'   '311352'   '311411'   '311412'   '311421'   '311422'   '311423'   '311511'   '311512'   '311513'   '311514'   '311520'   '311611'   '311612'   '311613'   '311615'   '311710'   '311811'   '311812'   '311813'   '311821'   '311824'   '311830'   '311911'   '311919'   '311920'   '311930'   '311941'   '311942'   '311991'   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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>

112512 - Shellfish Farming  
 112519 - Other Aquaculture  
 112910 - Apiculture  
 112920 - Horses and Other Equine Production  
 112930 - Fur-Bearing Animal and Rabbit Production  
 112990 - All Other Animal Production  
 113110 - Timber Tract Operations  
 113210 - Forest Nurseries and Gathering of Forest Products  
 113310 - Logging  
 114111 - Finfish Fishing  
 114112 - Shellfish Fishing  
 114119 - Other Marine Fishing  
 114210 - Hunting and Trapping  
 115111 - Cotton Ginning  
 115112 - Soil Preparation, Planting, and Cultivating  
 115113 - Crop Harvesting, Primarily by Machine  
 115114 - Postharvest Crop Activities (except Cotton Ginning)  
 115115 - Farm Labor Contractors and Crew Leaders  
 115116 - Farm Management Services  
 115210 - Support Activities for Animal Production  
 115310 - Support Activities for Forestry  
 211120 - Crude Petroleum Extraction  
 211130 - Natural Gas Extraction  
 212114 - Surface Coal Mining  
 212115 - Underground Coal Mining  
 212210 - Iron Ore Mining  
 212220 - Gold Ore and Silver Ore Mining  
 212230 - Copper, Nickel, Lead, and Zinc Mining  
 212290 - Other Metal Ore Mining  
 212311 - Dimension Stone Mining and Quarrying  
 212312 - Crushed and Broken Limestone Mining and Quarrying  
 212313 - Crushed and Broken Granite Mining and Quarrying  
 212319 - Other Crushed and Broken Stone Mining and Quarrying  
 212321 - Construction Sand and Gravel Mining  
 212322 - Industrial Sand Mining  
 212323 - Kaolin, Clay, and Ceramic and Refractory Minerals Mining  
 212390 - Other Nonmetallic Mineral Mining and Quarrying  
 213111 - Drilling Oil and Gas Wells  
 213112 - Support Activities for Oil and Gas Operations  
 213113 - Support Activities for Coal Mining  
 213114 - Support Activities for Metal Mining  
 213115 - Support Activities for Nonmetallic Minerals (except Fuels) Mining  
 221111 - Hydroelectric Power Generation  
 221112 - Fossil Fuel Electric Power Generation  
 221113 - Nuclear Electric Power Generation  
 221114 - Solar Electric Power Generation  
 221115 - Wind Electric Power Generation  
 221116 - Geothermal Electric Power Generation  
 221117 - Biomass Electric Power Generation  
 221118 - Other Electric Power Generation  
 221121 - Electric Bulk Power Transmission and Control  
 221122 - Electric Power Distribution  
 221210 - Natural Gas Distribution  
 221310 - Water Supply and Irrigation Systems  
 221320 - Sewage Treatment Facilities  
 221330 - Steam and Air-Conditioning Supply  
 236115 - New Single-Family Housing Construction (except For-Sale Builders)  
 236116 - New Multifamily Housing Construction (except For-Sale Builders)  
 236117 - New Housing For-Sale Builders  
 236118 - Residential Remodelers  
 236210 - Industrial Building Construction  
 236220 - Commercial and Institutional Building Construction  
 237110 - Water and Sewer Line and Related Structures Construction  
 237120 - Oil and Gas Pipeline and Related Structures Construction  
 237130 - Power and Communication Line and Related Structures Construction  
 237210 - Land Subdivision  
 237310 - Highway, Street, and Bridge Construction  
 237990 - Other Heavy and Civil Engineering Construction  
 238110 - Poured Concrete Foundation and Structure Contractors  
 238120 - Structural Steel and Precast Concrete Contractors  
 238130 - Framing Contractors  
 238140 - Masonry Contractors  
 238150 - Glass and Glazing Contractors  
 238160 - Roofing Contractors  
 238170 - Siding Contractors  
 238190 - Other Foundation, Structure, and Building Exterior Contractors  
 238210 - Electrical Contractors and Other Wiring Installation Contractors  
 238220 - Plumbing, Heating, and Air-Conditioning Contractors  
 238290 - Other Building Equipment Contractors  
 238310 - Drywall and Insulation Contractors

238320 - Painting and Wall Covering Contractors  
 238330 - Flooring Contractors  
 238340 - Tile and Terrazzo Contractors  
 238350 - Finish Carpentry Contractors  
 238390 - Other Building Finishing Contractors  
 238910 - Site Preparation Contractors  
 238990 - All Other Specialty Trade Contractors  
 311111 - Dog and Cat Food Manufacturing  
 311119 - Other Animal Food Manufacturing  
 311211 - Flour Milling  
 311212 - Rice Milling  
 311213 - Malt Manufacturing  
 311221 - Wet Corn Milling and Starch Manufacturing  
 311224 - Soybean and Other Oilseed Processing  
 311225 - Fats and Oils Refining and Blending  
 311230 - Breakfast Cereal Manufacturing  
 311313 - Beet Sugar Manufacturing  
 311314 - Cane Sugar Manufacturing  
 311340 - Nonchocolate Confectionery Manufacturing  
 311351 - Chocolate and Confectionery Manufacturing from Cacao Beans  
 311352 - Confectionery Manufacturing from Purchased Chocolate  
 311411 - Frozen Fruit, Juice, and Vegetable Manufacturing  
 311412 - Frozen Specialty Food Manufacturing  
 311421 - Fruit and Vegetable Canning  
 311422 - Specialty Canning  
 311423 - Dried and Dehydrated Food Manufacturing  
 311511 - Fluid Milk Manufacturing  
 311512 - Creamery Butter Manufacturing  
 311513 - Cheese Manufacturing  
 311514 - Dry, Condensed, and Evaporated Dairy Product Manufacturing  
 311520 - Ice Cream and Frozen Dessert Manufacturing  
 311611 - Animal (except Poultry) Slaughtering  
 311612 - Meat Processed from Carcasses  
 311613 - Rendering and Meat Byproduct Processing  
 311615 - Poultry Processing  
 311710 - Seafood Product Preparation and Packaging  
 311811 - Retail Bakeries  
 311812 - Commercial Bakeries  
 311813 - Frozen Cakes, Pies, and Other Pastries Manufacturing  
 311821 - Cookie and Cracker Manufacturing  
 311824 - Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour  
 311830 - Tortilla Manufacturing  
 311911 - Roasted Nuts and Peanut Butter Manufacturing  
 311919 - Other Snack Food Manufacturing  
 311920 - Coffee and Tea Manufacturing  
 311930 - Flavoring Syrup and Concentrate Manufacturing  
 311941 - Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing  
 311942 - Spice and Extract Manufacturing  
 311991 - Perishable Prepared Food Manufacturing  
 311999 - All Other Miscellaneous Food Manufacturing  
 312111 - Soft Drink Manufacturing  
 312112 - Bottled Water Manufacturing  
 312113 - Ice Manufacturing  
 312120 - Breweries  
 312130 - Wineries  
 312140 - Distilleries  
 312230 - Tobacco Manufacturing  
 313110 - Fiber, Yarn, and Thread Mills  
 313210 - Broadwoven Fabric Mills  
 313220 - Narrow Fabric Mills and 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)  
 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)  
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 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  
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 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  
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 711510 - Independent Artists, Writers, and Performers  
 712110 - Museums  
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 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  
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 811420 - Reupholstery and Furniture Repair  
 811430 - Footwear and Leather Goods Repair  
 811490 - Other Personal and Household Goods Repair and Maintenance  
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 812220 - Cemeteries and Crematories  
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 812320 - Drycleaning and Laundry Services (except Coin-Operated)  
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 812332 - Industrial Launderers  
 812910 - Pet Care (except Veterinary) Services  
 812921 - Photofinishing Laboratories (except One-Hour)  
 812922 - One-Hour Photofinishing  
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 813110 - Religious Organizations  
 813211 - Grantmaking Foundations  
 813212 - Voluntary Health Organizations  
 813219 - Other Grantmaking and Giving Services  
 813311 - Human Rights Organizations  
 813312 - Environment, Conservation and Wildlife Organizations  
 813319 - Other Social Advocacy Organizations  
 813410 - Civic and Social Organizations  
 813910 - Business Associations  
 813920 - Professional Organizations  
 813930 - Labor Unions and Similar Labor Organizations  
 813940 - Political Organizations  
 813990 - Other Similar Organizations (except Business, Professional, Labor, and Political Organizations)  
 814110 - Private Households  
 921110 - Executive Offices  
 921120 - Legislative Bodies  
 921130 - Public Finance Activities  
 921140 - Executive and Legislative Offices, Combined  
 921150 - American Indian and Alaska Native Tribal Governments  
 921190 - Other General Government Support  
 922110 - Courts  
 922120 - Police Protection  
 922130 - Legal Counsel and Prosecution  
 922140 - Correctional Institutions

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

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<xs:enumeration value="928120"/>
</xs:restriction>
</xs:simpleType>
```





Simple Type: **subAssetClassWithInstrumentType**

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

Name	subAssetClassWithInstrumentType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>value</i> comes from list: {'LEIB'   'ADR'   'OSNL'   'IOLE'   'OLE'   'UEIB'   'OUE'   'IGCB'   'IGCBX'   'NGCB'   'NGCBX'   'IGCBXX'   'IGCBXXX'   'NGCBXX'   'NGCBXXX'   'UTB'   'UTNA'   'AS'   'GB'   'SBIB'   'OSB'   'USAL'   'LL'   'LELR'   'OR'   'TRO'   'ORX'   'M'   'A'   'CDS'   'CDM'   'CDE'   'CLS'   'CLM'   'CLE'   'OA'   'OSP'   'UDIR'   'NCIR'   'SSNC'   'FISN'   'OSNC'   'IC'   'EC'   'FED'   'CD'   'ID'   'VD'   'VDX'   'OD'   'AC'   'COC'   'NGC'   'PAOE'   'GC'   'OPM'   'BMC'   'OC'   'RE'   'DA'   'UCH'   'NCH'   'COD'   'ODX'   'MMF'   'OCAC'   'IIOS'}</li></ul>
Documentation	<p>LEIB-listed equity issued by financial institutions</p> <p>ADR-American Depositary Receipts</p> <p>OSNL-other single name listed equity</p> <p>IOLE-indices on listed equity</p> <p>OLE-other listed equity</p> <p>UEIB-unlisted equity issued by financial institutions</p> <p>OUE-other unlisted equity</p> <p>IGCB-investment grade corporate bonds issued by financial institutions (other than convertible bonds)</p> <p>IGCBX-investment grade corporate bonds not issued by financial institutions (other than convertible bonds)</p> <p>NGCB-non-investment grade corporate bonds issued by financial institutions (other than convertible bonds)</p> <p>NGCBX-non-investment grade corporate bonds not issued by financial institutions (other than convertible bonds)</p> <p>IGCBXX-investment grade convertible bonds issued by financial institutions</p> <p>IGCBXXX-investment grade convertible bonds not issued by financial institutions</p> <p>NGCBXX-non-investment grade convertible bonds issued by financial institutions</p> <p>NGCBXXX-non-investment grade convertible bonds not issued by financial institutions</p> <p>UTB-U.S. treasury bills</p> <p>UTNA-U.S. treasury notes and bonds</p> <p>AS-agency securities</p> <p>GB-GSE bonds</p> <p>SBIB-sovereign bonds issued by G10 countries other than the U.S</p> <p>OSB-other sovereign bonds (including supranational bonds)</p> <p>USAL-U.S. state and local bonds</p> <p>LL-leveraged loans</p> <p>LELR-loans (excluding leveraged loans and repo)</p> <p>OR-overnight repo</p> <p>TRO-term repo (other than overnight)</p> <p>ORX-open repo</p> <p>M-MBS</p> <p>A-ABCP</p> <p>CDS-CDO (senior or higher)</p> <p>CDM-CDO (mezzanine)</p> <p>CDE-CDO (junior equity)</p> <p>CLS-CLO (senior or higher)</p> <p>CLM-CLO (mezzanine)</p> <p>CLE-CLO (junior equity)</p> <p>OA-Other ABS</p> <p>OSP-other structured products</p> <p>UDIR-U.S. dollar interest rate derivatives</p> <p>NCIR-non-U.S. currency interest rate derivatives</p> <p>SSNC-sovereign single name CDS</p> <p>FISN-financial institution single name CDS</p> <p>OSNC-other single name CDS</p> <p>IC-index CDS</p> <p>EC-exotic CDS</p> <p>FED-foreign exchange derivatives</p> <p>CD-correlation derivatives</p> <p>ID-inflation derivatives</p> <p>VD-volatility derivatives</p> <p>VDX-variance derivatives</p> <p>OD-other derivatives</p> <p>AC-agricultural commodities</p> <p>COC-crude oil commodities</p> <p>NGC-natural gas commodities</p> <p>PAOE-power and other energy commodities</p> <p>GC-gold commodities</p> <p>OPM-other (non-gold) precious metal commodities</p> <p>BMC-base metal commodities</p> <p>OC-other commodities</p> <p>RE-real estate</p> <p>DA-digital assets</p>

	UCH-U.S. currency holdings
	NCH-non-U.S. currency holdings
	COD-certificates of deposit
	ODX-other deposits
	MMF-money market funds
	OCAC-other cash and cash equivalents (excluding bank deposits, certificates of deposit, money market funds, and U.S. treasury bills, notes and bonds)
	ILOS-investments in other sub-asset classes

```

<xs:simpleType name="subAssetClassWithInstrumentType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="LEIB"/>
    <xs:enumeration value="ADR"/>
    <xs:enumeration value="OSNL"/>
    <xs:enumeration value="IOLE"/>
    <xs:enumeration value="OLE"/>
    <xs:enumeration value="UEIB"/>
    <xs:enumeration value="OUE"/>
    <xs:enumeration value="IGCB"/>
    <xs:enumeration value="IGCBX"/>
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    <xs:enumeration value="ORX"/>
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    <xs:enumeration value="COD"/>
    <xs:enumeration value="ODX"/>
    <xs:enumeration value="MMF"/>
    <xs:enumeration value="OCAC"/>
    <xs:enumeration value="IIOS"/>
  </xs:restriction>
</xs:simpleType>

```

Simple Type: subAssetClassWithNoInstrumentType

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

Name	subAssetClassWithNoInstrumentType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'LL'   'LN'   'OR'   'TR'   'ORP'   'SSC'   'FIC'   'OSC'   'IC'   'EC'   'USCH'   'NUSCH'   'CD'   'OD'   'MMF'   'OCE'}</li></ul>

Schema Component Representation

```
<xs:simpleType name="subAssetClassWithNoInstrumentType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="LL"/>
    <xs:enumeration value="LN"/>
    <xs:enumeration value="OR"/>
    <xs:enumeration value="TR"/>
    <xs:enumeration value="ORP"/>
    <xs:enumeration value="SSC"/>
    <xs:enumeration value="FIC"/>
    <xs:enumeration value="OSC"/>
    <xs:enumeration value="IC"/>
    <xs:enumeration value="EC"/>
    <xs:enumeration value="USCH"/>
    <xs:enumeration value="NUSCH"/>
    <xs:enumeration value="CD"/>
    <xs:enumeration value="OD"/>
    <xs:enumeration value="MMF"/>
    <xs:enumeration value="OCE"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

Simple Type: withdrawalRedemptionTermType

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

Name	withdrawalRedemptionTermType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>value comes from list: {'1'   '2'   '3'   '4'   '5'}</li></ul>
Documentation	<p>1 - on any business day</p> <p>2 - at intervals of least two business days and up to a month</p> <p>3 - at intervals longer than monthly up to quarterly</p> <p>4 - at intervals longer than quarterly up to annually</p> <p>5 - at intervals of more than one year</p>

Schema Component Representation

```
<xs:simpleType name="withdrawalRedemptionTermType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
    <xs:enumeration value="5"/>
  </xs:restriction>
</xs:simpleType>
```

[Table of Contents](#)

# Filing Result Schema Reference

## Schema Properties

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## Global Declarations

Element: **pfFileResponse**

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

XML Instance Representation

```
<pfFileResponse>
  Start All[1]
    <status> xs:string </status> [1]
    <message> xs:string </message> [1]
    <errors> xs:string </errors> [0..1]
    <filingType> xs:string (value comes from list: {'INITIAL'|'AMENDMENT'|'UPDATING'|'FINAL'|'TRANSITION'})
    </filingType> [0..1]
    <initialInstanceId> xs:string </initialInstanceId> [0..1]
    <currentInstanceId> xs:string </currentInstanceId> [0..1]
    <filingId> xs:string </filingId> [0..1]
    <reportingPeriodEndDate> xs:string </reportingPeriodEndDate> [0..1]
    <reportingPeriodType> xs:string </reportingPeriodType> [0..1]
    <reportingPeriodQuarter> xs:string </reportingPeriodQuarter> [0..1]
    <uploadOrgId> xs:string </uploadOrgId> [1]
    <uploadUserName> xs:string </uploadUserName> [1]
    <uploadFileName> xs:string </uploadFileName> [1]
    <uploadTimestamp> xs:dateTime </uploadTimestamp> [0..1]
    <formType> xs:string (value comes from list: {'section 5'|'section 6'|'section 1-4'}) </formType> [0..1]
  End All
</pfFileResponse>
```

```
<xsd:element name="pfFileResponse">
  <xsd:complexType>
    <xsd:all>
      <xsd:element name="status" type="xs:string"/>
      <xsd:element name="message" type="xs:string"/>
      <xsd:element name="errors" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="filingType" minOccurs="0" maxOccurs="1">
        <xsd:simpleType>
          <xsd:restriction base="xs:string">
            <xsd:enumeration value="INITIAL"/>
            <xsd:enumeration value="AMENDMENT"/>
            <xsd:enumeration value="UPDATING"/>
            <xsd:enumeration value="FINAL"/>
            <xsd:enumeration value="TRANSITION"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="initialInstanceId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="currentInstanceId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="filingId" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="reportingPeriodEndDate" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="reportingPeriodType" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="reportingPeriodQuarter" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="uploadOrgId" type="xs:string"/>
      <xsd:element name="uploadUserName" type="xs:string"/>
      <xsd:element name="uploadFileName" type="xs:string"/>
      <xsd:element name="uploadTimestamp" type="xs:dateTime" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="formType" minOccurs="0" maxOccurs="1">
        <xsd:simpleType>
          <xsd:restriction base="xs:string">
            <xsd:enumeration value="section 5"/>
            <xsd:enumeration value="section 6"/>
            <xsd:enumeration value="section 1-4"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
    </xsd:all>
  </xsd:complexType>
</xsd:element>
```

[Table of Contents](#)

# 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).
- Nillable** (Applies to element declarations). If an element declaration is nillable, 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).