

PFRDTM Form PF XML Filing Guide

Release 2025.03

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Federal Information Law and Requirements for a Collection of Information

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

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

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

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Change History

Release 2025.03

01/15/2025 update: valueOfPositionsPeriodEnd supports NA value; backslash is removed from naics description
updated enumerations of subAssetClassNoInstrumentType, subAssetClassNoInstrumentType, subAssetClassAll
updated Q32(c) new enums subAssetClassFixedIncome for sub-asset classes

12/11/2024 - Schema changes
reportingPeriodEndDate is required
Question 65g, repoDetail. (i) - (iv) are out of array item.
added new field fundInfo.firmCrdNumber

Question 32(b), 32(c) and 40, assetClass fields are changed to subAssetClassAll type
Update enumerations of investmentStrategyType, NAICSCodeType, countryType, subAssetClassWithInstrumentType,
subAssetClassNoInstrumentType, subAssetClassAll Q65(o) yield field is changed to decimal type
Q23(a) renamed field names by removing FiscalYear and made them optional
Added new field fundInfo.advSectionType

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

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How To Submit XML Filings

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.

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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.

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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

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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> <p>11/14/2024 update: reportingPeriodEndDate is required</p> <p>11/19/2024 update:</p> <p>Question 65g, repoDetail. (i) - (iv) are out of array item.</p> <p>added new field fundInfo.firmCrdNumber</p> <p>Question 32(b), 32(c) and 40, assetClass fields are changed to subAssetClassAll type</p> <p>Update enumerations of investmentStrategyType, NAICSCodeType, countryType, subAssetClassWithInstrumentType, subAssetClassNoInstrumentType, subAssetClassAll</p> <p>11/22/2024 update:</p> <p>Q65(o) yield field is changed to decimal type</p> <p>Q23(a) renamed field names by removing FiscalYear and made them optional</p> <p>Added new field fundInfo.advSectionType</p> <p>12/12/2024 update:</p> <p>Some fields of section ib Item A are not required for NOC and RMV. Move them into fundInfo.detail object.</p> <p>Section 1b Item B and C are not required for NOC and RMV actions.</p> <p>reportingPeriodEndDate is not required.</p> <p>NA is allowed for Q13, Q29 and Q46(b)(vi)</p> <p>Q23 is not required</p> <p>Add OTH - Other currency</p> <p>12/17/2024 update: Q32(c) new enums subAssetClassFixedIncome for sub-asset classes</p> <p>12/19/2024 update: updated enumerations of subAssetClassNoInstrumentType, subAssetClassWithInstrumentType, subAssetClassAll</p> <p>01/14/2025 update: valueOfPositionsPeriodEnd supports NA value; backslash is removed from naics description</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>
```

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Element: **aggregatedAssetItem**

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

XML Instance Representation

```
<aggregatedAssetItem>
  Start All[1]
    <fundType> fundTypeAggregatedAsset </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="fundTypeAggregatedAsset"/>
      <xs:element name="regulatoryAssetsUnderManagement" type="xs:integer"/>
      <xs:element name="netAssetsUnderManagement" type="xs:integer"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

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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>
```

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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> integerNAType </unfundedValue> [1]
End All
</assetsFinancingInvestorConcentration>
```

```

<!-- 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="integerNAType"/>
      <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
Nilable	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>
```

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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>
```

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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>
```

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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>
```

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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> [0..1]

  <!-- Section 1b item C - each fund info applicable for all fund types -->
  <performance> ... </performance> [0..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" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="performance" minOccurs="0" maxOccurs="1"/>
      <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>
```

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Element: fundInfo

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]

  <!-- CRD number of filing firm or registered related persons
  Needed for those funds isPriorADVFund=false and isCommodityPool=false, if any.
  -->
  <firmCrdNumber> xs:integer </firmCrdNumber> [0..1]

  <!-- ADV Section Type for ADV funds, 7.B.(1) or 7.B.(2), if any.
  -->
  <advSectionType> xs:string (value comes from list: {'7.B.(1)' | '7.B.(2)'}) </advSectionType> [0..1]

  <!-- Q6(c) to Q10 - not required for NOC and RMV actions -->
  <detail> [0..1]
    Start All[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> countryType </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> countryType </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> countryType </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
</detail>
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="firmCrdNumber" type="xs:integer" minOccurs="0" maxOccurs="1"/>
      <xs:element name="advSectionType" minOccurs="0" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="7.B.(1)"/>
            <xs:enumeration value="7.B.(2)"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>

```

```

<xs:element name="detail" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:all>
      <xs:element name="isFundUcits" type="xs:boolean"/>
      <xs:element name="countriesUcits" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="country" type="countryType" 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" type="countryType" 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" type="countryType" minOccurs="1" maxOccurs="unbounded"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <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>

```

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
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Schema Component Representation

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            <xs:element name="otc" type="tradingAndClearingItems"/>
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      <xs:element name="interestRateDerivativesTraded">
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Name	hedge2
Type	Locally-defined complex type
Nilable	no
Abstract	no

XML Instance Representation

```
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  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>
```

```

<!-- 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]
      Start All[1]
        <usTreasuryBills> turnoverByAssetItem </usTreasuryBills> [0..1]
        <usTreasuryNotesAndBonds> turnoverByAssetItem </usTreasuryNotesAndBonds> [0..1]
        <agencySecurities> turnoverByAssetItem </agencySecurities> [0..1]
        <gseBonds> turnoverByAssetItem </gseBonds> [0..1]
        <sovereignBondsG10Countries> turnoverByAssetItem </sovereignBondsG10Countries> [0..1]
        <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]
          Start All[1]
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            <swaps> turnoverByAssetItem </swaps> [0..1]
            <options> turnoverByAssetItem </options> [0..1]
            <otherDerivativeInstrumentTypes> turnoverByAssetItem </otherDerivativeInstrumentTypes> [0..1]
          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..*]
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      <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>
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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>

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Schema Component Representation

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    <xs:all>
      <xs:element name="month1" type="liquidityFundAssets" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month2" type="liquidityFundAssets" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month3" type="liquidityFundAssets" minOccurs="0" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="financing">
  <xs:complexType>
    <xs:all>
      <xs:element name="isBorrowingMoreThan5Percent" type="xs:boolean"/>
      <xs:element name="borrowingDetail" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:all>
            <xs:element name="unsecured" type="liquidityFundBorrowingDetail"/>
            <xs:element name="secured" type="liquidityFundBorrowingDetail"/>
          </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="hasCommittedLiquidityFacility" type="xs:boolean"/>
      <xs:element name="aggregateAmountCommittedLiquidityFacility" type="xs:integer" minOccurs="0" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="investor">
  <xs:complexType>
    <xs:all>
      <xs:element name="outstandingSharesOfStock" type="xs:integer"/>
      <xs:element name="isCashManagementVehicle" type="xs:boolean"/>
      <xs:element name="investorConcentration">
        <xs:complexType>
          <xs:all>
            <xs:element name="percentageOwnedByLargestBeneficialOwner" type="xs:decimal"/>
            <xs:element name="beneficiallyOwned5PercentEquityByInvestors" minOccurs="0" maxOccurs="1">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="beneficiallyOwned5PercentEquityByInvestor"
                    type="beneficiallyOwnedEquityByInvestorsItem" minOccurs="0" maxOccurs="unbounded"/>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:all>
        </xs:complexType>
      </xs:element>
      <xs:element name="percentageEquityPurchasedUsingCollateral" type="xs:decimal"/>
      <xs:element name="withdrawalRedemptionRestrictions" type="navPercentageOfSuspensionOrRestrictionsType"
        minOccurs="0" maxOccurs="1"/>
      <xs:element name="investorLiquidity" type="liquidityPercentageByPeriod"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="portfolio">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="security" type="liquidityFundSecurity" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="dispositionPortfolioSecurities" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="dispositionPortfolioSecuritiesItem" type="dispositionPortfolioSecuritiesItem"
        minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="edgarIdOfMoneyMarketFund" type="xs:string" minOccurs="0" maxOccurs="1"/>
</xs:all>
</xs:complexType>
</xs:element>

```

Element: **miscellaneous**

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"/>
                        <xs:enumeration value="23"/>
                        <xs:enumeration value="24"/>
                        <xs:enumeration value="25"/>
                        <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="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>

```

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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>
```

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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>
```

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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> [0..1]
    Start All[1]
      <month1> performanceItem </month1> [0..1]
      <month2> performanceItem </month2> [0..1]
      <month3> performanceItem </month3> [0..1]
      <quarter1> performanceItem </quarter1> [0..1]
      <month4> performanceItem </month4> [0..1]
      <month5> performanceItem </month5> [0..1]
      <month6> performanceItem </month6> [0..1]
      <quarter2> performanceItem </quarter2> [0..1]
      <month7> performanceItem </month7> [0..1]
      <month8> performanceItem </month8> [0..1]
      <month9> performanceItem </month9> [0..1]
      <quarter3> performanceItem </quarter3> [0..1]
      <month10> performanceItem </month10> [0..1]
      <month11> performanceItem </month11> [0..1]
      <month12> performanceItem </month12> [0..1]
      <quarter4> performanceItem </quarter4> [0..1]
      <mostRecentFiscalYear> performanceItem </mostRecentFiscalYear> [0..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" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:all>
      <xs:element name="month1" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month2" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month3" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="quarter1" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month4" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month5" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month6" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="quarter2" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month7" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month8" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month9" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="quarter3" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month10" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month11" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="month12" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="quarter4" type="performanceItem" minOccurs="0" maxOccurs="1"/>
      <xs:element name="mostRecentFiscalYear" type="performanceItem" minOccurs="0" maxOccurs="1"/>
    </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>
```

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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]
    <!-- CPO - Commodity Pool Operator
         CTA - Commodity Trading advisor
         Both - Commodity Pool Operator or ommodity Trading advisor
    -->
    <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>
```

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Element: **personalRelatedPersons**

Name	personalRelatedPersons
Type	Locally-defined complex type
Nilable	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>
```

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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>
```

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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]
  <clawback> [0..*]
    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
  </clawback>
</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:all>
  </xs:complexType>
</xs:element>

```

```

</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>
<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:sequence>
      </xs:complexType>
    </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:sequence>
      <xs:element name="clawback" minOccurs="0" maxOccurs="unbounded">
        <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:sequence>
  </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"/>
                  <xs:enumeration value="73"/>
                  <xs:enumeration value="74"/>
                  <xs:enumeration value="75"/>
                  <xs:enumeration value="76"/>
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                  <xs:enumeration value="78"/>
                  <xs:enumeration value="79"/>
                  <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]
  <firmCrдNumber> xs:integer </firmCrдNumber> [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]

  <!-- Elements of this type represent the related person type
    Allowed values are:
    RGSTD_ERA - SEC Registered Adviser or ERA active firm
    CPO_CTA - Commodity Pool Operator or Commodity Trading advisor
    RELY_SPV - Relying Adviser or Special Purpose Vehicle
  -->
  <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="firmCrдNumber" 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>
```

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>
```

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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>
```

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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>
```

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Element: **reportingPeriodType**

Name	reportingPeriodType
Type	Locally-defined simple type
Nullable	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>
```

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Element: **section1_4**

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]
    <!-- Section 1a Item A - Q1(a): Provide your name and the other identifying information -->
    <firmIdentifyingInformation> ... </firmIdentifyingInformation> [0..1]
    <!-- Section 1a 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]
    <!-- Section 1a 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]
    <!-- Section 1a 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]
    <!-- Section 1a Item A - Signatures - Q2: Signature on behalf of related Persons -->
    <onBehalfofRelatedPersonsSignature> ... </onBehalfofRelatedPersonsSignature> [0..1]
    <!-- Section 1a 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]
    <!-- Section 1a 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]
    <!-- Fund list -->
    <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>
```

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Global Definitions

Complex Type: **adjustedExposureByAsset**

Super-types:	None
Sub-types:	None

Name	adjustedExposureByAsset
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <subAssetClass> subAssetClassAll </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="subAssetClassAll" />
    <xs:element name="month1" type="longShortAmounts" />
    <xs:element name="month2" type="longShortAmounts" />
    <xs:element name="month3" type="longShortAmounts" />
  </xs:all>
</xs:complexType>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>

```

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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>
```

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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> countryType </countryCode> [1]
      End All
    </principalOfficeAddress>
    <naicsCode> NAICSCodeType </naicsCode> [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="countryType" />
        </xs:all>
      </xs:complexType>
    </xs:element>
    <xs:element name="naicsCode" type="NAICSCodeType" />
    <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>
```

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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>

```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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Complex Type: exposureByCountry

Super-types:	None
Sub-types:	None

Name	exposureByCountry
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <countryCode> countryType </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="countryType"/>
    <xs:element name="month1" type="longShortAmounts"/>
    <xs:element name="month2" type="longShortAmounts"/>
    <xs:element name="month3" type="longShortAmounts"/>
  </xs:all>
</xs:complexType>
```

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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>
```

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Complex Type: exposureByIndustry

Super-types:	None
Sub-types:	None

Name	exposureByIndustry
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <naicsCode> NAICSCodeType </naicsCode> [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"/>
    <xs:element name="month1" type="longShortAmounts"/>
    <xs:element name="month2" type="longShortAmounts"/>
    <xs:element name="month3" type="longShortAmounts"/>
  </xs:all>
</xs:complexType>
```

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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> subAssetClassAll </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="subAssetClassAll"/>
    <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>
```

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Complex Type: **exposureInterestRateRisk**

Super-types:	None
Sub-types:	None

Name	exposureInterestRateRisk
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <subAssetClass> subAssetClassFixedIncome </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="subAssetClassFixedIncome"/>
    <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>
```

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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>
```

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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>
```

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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>
```

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Complex Type: **hedge1cSecuredRepoOrOther**

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>
```

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Complex Type: investmentByCountry

Super-types:	None
Sub-types:	None

Name	investmentByCountry
Abstract	no

XML Instance Representation

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

Schema Component Representation

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

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Complex Type: liquidityFundAssets

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

Name	liquidityFundAssets
<u>Abstract</u>	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  
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        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>
```

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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>
```

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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]

    <!-- Q65(g)(i): Is the repo centrally cleared?
    Q65(g)(ii): Is the repo is centrally cleared?
    Q65(g)(iii): If the repo is centrally cleared, identify the CCP
    Q65(g)(iv): Is the repo settled on a tri-party platform?
    -->
    Start All[1]
      <isOpen> xs:boolean </isOpen> [1]
      <isCentrallyCleared> xs:boolean </isCentrallyCleared> [1]
      <ccp> xs:string </ccp> [0..1]
      <isSettledOnTripartyPlatform> xs:boolean </isSettledOnTripartyPlatform> [1]
      <repos> [0..1]
        <repoItem> repoItem </repoItem> [0..*]
      </repos>
    End All
  </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(l) 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:decimal </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
</...>

```

Schema Component Representation

```

<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: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="repos" 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:all>
</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:decimal"/>
<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>

```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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Complex Type: **portfolioCompanyByIndustryItem**

Super-types:	None
Sub-types:	None

Name	portfolioCompanyByIndustryItem
Abstract	no

XML Instance Representation

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

Schema Component Representation

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

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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>
```

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Complex Type: **repoItem**

Super-types:	None
Sub-types:	None

Name	repoItem
Abstract	no

XML Instance Representation

```
<...>

<!-- Q65(g)
    (v) Name of the collateral issuer
    (vi) CUSIP
    (vii) LEI, if any
    (viii) Maturity date
    (ix) Coupon or yield
    (x) The principal amount, to the nearest cent
    (xi) Value of the collateral, to the nearest cent
    (xii) The category of investment that most closely represents the collateral.
-->
Start All[1]
<collateralIssuerName> xs:string </collateralIssuerName> [1]
<cusip> xs:string </cusip> [0..1]
<legalEntityId> xs:string </legalEntityId> [0..1]
<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
</...>
```

Schema Component Representation

```
<xs:complexType name="repoItem">
  <xs:all>
    <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>
```


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>
```

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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>
```

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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>
```

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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>
```

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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>
```

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Complex Type: tradingAndClearingItems

Super-types:	None
Sub-types:	None

Name	tradingAndClearingItems
Abstract	no

XML Instance Representation

```
<...>
  Start All[1]
    <valueTraded> integerNAType </valueTraded> [0..1]
    <valueOfPositionsPeriodEnd> integerNAType </valueOfPositionsPeriodEnd> [0..1]
  End All
</...>
```

Schema Component Representation

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

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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>
```

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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> integerNAType </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="integerNAType"/>
    <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>
```

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Simple Type: **actionCode**

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

Name	actionCode
Content	<ul style="list-style-type: none">Base XSD Type: string<i>value</i> comes from list: {'RMV' 'UPD' 'NOC'}
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>
```

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Simple Type: **changeEffectRelevancy**

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

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

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>
```

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Simple Type: collateralInvestmentCategoryType

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

Name	collateralInvestmentCategoryType
Content	<ul style="list-style-type: none">Base XSD Type: stringvalue comes from list: {'CASH' 'ABS' 'ACMO' 'ABANDAS' 'AMBS' 'PLCMO' 'CDS' 'EQ' 'MM' 'USTINCLS' 'OTHR'}
Documentation	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

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>
```

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Simple Type: **countryType**

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

Name	countryType
Content	<ul style="list-style-type: none">Base XSD Type: string<i>value</i> comes from list: {'USA' 'AFG' 'ALA' 'ALB' 'DZA' 'ASM' 'AND' 'AGO' 'AIA' 'ATA' 'ATG' 'ARG' 'ARM' 'ABW' 'AUS' 'AUT' 'AZE' 'BHS' 'BHR' 'BGD' 'BRB' 'BLR' 'BEL' 'BLZ' 'BEN' 'BMU' 'BTN' 'BOL' 'BES' 'BIH' 'BWA' 'BVT' 'BRA' 'IOT' 'VGB' 'BRN' 'BGR' 'BFA' 'MMR' 'BDI' 'KHM' 'CMR' 'CAN' 'CPV' 'CYM' 'CAF' 'TCD' 'CHL' 'CHN' 'CXR' 'CCK' 'COL' 'COM' 'COD' 'COG' 'COK' 'CRI' 'CIV' 'HRV' 'CUB' 'CUW' 'CYP' 'CZE' 'DNK' 'DJI' 'DMA' 'DOM' 'ECU' 'EGY' 'SLV' 'GNQ' 'ERI' 'EST' 'SWZ' 'ETH' 'FLK' 'FRO' 'FJI' 'FIN' 'FRA' 'GUF' 'PYF' 'ATF' 'GAB' 'GMB' 'GEO' 'DEU' 'GHA' 'GIB' 'GRC' 'GRL' 'GRD' 'GLP' 'GUM' 'GTM' 'GGY' 'GIN' 'GNB' 'GUY' 'HTI' 'HMD' 'VAT' 'HND' 'HKG' 'HUN' 'ISL' 'IND' 'IDN' 'IRN' 'IRQ' 'IRL' 'IMN' 'ISR' 'ITA' 'JAM' 'JPN' 'JEY' 'JOR' 'KAZ' 'KEN' 'KIR' 'PRK' 'KOR' 'KWT' 'KGZ' 'LAO' 'LVA' 'LBN' 'LSO' 'LBR' 'LBY' 'LIE' 'LTU' 'LUX' 'MAC' 'MDG' 'MWI' 'MYS' 'MDV' 'MLI' 'MLT' 'MHL' 'MTQ' 'MRT' 'MUS' 'MYT' 'MEX' 'FSM' 'MDA' 'MCO' 'MNG' 'MNE' 'MSR' 'MAR' 'MOZ' 'NAM' 'NRU' 'NPL' 'NLD' 'NCL' 'NZL' 'NIC' 'NER' 'NGA' 'NIU' 'NFK' 'MKD' 'MNP' 'NOR' 'OMN' 'NON' 'PAK' 'PLW' 'PSE' 'PAN' 'PNG' 'PRY' 'PER' 'PHL' 'PCN' 'POL' 'PRT' 'QAT' 'REU' 'ROU' 'RUS' 'RWA' 'BLM' 'SHN' 'KNA' 'LCA' 'MAF' 'SPM' 'VCT' 'WSM' 'SMR' 'STP' 'SAU' 'SEN' 'SRB' 'SYC' 'SLE' 'SGP' 'SXM' 'SVK' 'SVN' 'SLB' 'SOM' 'ZAF' 'SGS' 'SSD' 'ESP' 'LKA' 'SDN' 'SUR' 'SJM' 'SWE' 'CHE' 'SYR' 'TWN' 'TJK' 'TZA' 'THA' 'TLS' 'TGO' 'TKL' 'TON' 'TTO' 'TUN' 'TUR' 'TKM' 'TCA' 'TUV' 'UGA' 'UKR' 'ARE' 'GBR' 'UMI' 'URY' 'UZB' 'VUT' 'VEN' 'VNM' 'WLF' 'ESH' 'YEM' 'ZMB' 'ZWE'}
Documentation	<p>USA - United States</p> <p>AFG - Afghanistan</p> <p>ALA - Aland Islands</p> <p>ALB - Albania</p> <p>DZA - Algeria</p> <p>ASM - American Samoa</p> <p>AND - Andorra</p> <p>AGO - Angola</p> <p>AIA - Anguilla</p> <p>ATA - Antarctica</p> <p>ATG - Antigua and Barbuda</p> <p>ARG - Argentina</p> <p>ARM - Armenia</p> <p>ABW - Aruba</p> <p>AUS - Australia</p> <p>AUT - Austria</p> <p>AZE - Azerbaijan</p> <p>BHS - Bahamas, The</p> <p>BHR - Bahrain</p> <p>BGD - Bangladesh</p> <p>BRB - Barbados</p> <p>BLR - Belarus</p> <p>BEL - Belgium</p> <p>BLZ - Belize</p> <p>BEN - Benin</p> <p>BMU - Bermuda</p> <p>BTN - Bhutan</p> <p>BOL - Bolivia</p> <p>BES - Bonaire, Sint Eustatius and Saba</p> <p>BIH - Bosnia and Herzegovina</p> <p>BWA - Botswana</p> <p>BVT - Bouvet Island</p> <p>BRA - Brazil</p> <p>IOT - British Indian Ocean Territory (The)</p> <p>VGB - British Virgin Islands</p> <p>BRN - Brunei</p> <p>BGR - Bulgaria</p> <p>BFA - Burkina Faso</p> <p>MMR - Burma (Myanmar)</p> <p>BDI - Burundi</p> <p>KHM - Cambodia</p> <p>CMR - Cameroon</p> <p>CAN - Canada</p> <p>CPV - Cape Verde Islands</p> <p>CYM - Cayman Islands</p> <p>CAF - Central African Republic</p> <p>TCD - Chad</p> <p>CHL - Chile</p> <p>CHN - China</p>

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

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

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

Schema Component Representation

```
<xs:simpleType name="countryType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="USA" />
    <xs:enumeration value="AFG" />
    <xs:enumeration value="ALA" />
    <xs:enumeration value="ALB" />
    <xs:enumeration value="DZA" />
    <xs:enumeration value="ASM" />
    <xs:enumeration value="AND" />
    <xs:enumeration value="AGO" />
    <xs:enumeration value="AIA" />
    <xs:enumeration value="ATA" />
    <xs:enumeration value="ATG" />
    <xs:enumeration value="ARG" />
    <xs:enumeration value="ARM" />
    <xs:enumeration value="ABW" />
    <xs:enumeration value="AUS" />
    <xs:enumeration value="AUT" />
    <xs:enumeration value="AZE" />
    <xs:enumeration value="BHS" />
    <xs:enumeration value="BHR" />
    <xs:enumeration value="BGD" />
    <xs:enumeration value="BRB" />
    <xs:enumeration value="BLR" />
    <xs:enumeration value="BEL" />
    <xs:enumeration value="BLZ" />
    <xs:enumeration value="BEN" />
    <xs:enumeration value="BMU" />
    <xs:enumeration value="BTN" />
    <xs:enumeration value="BOL" />
    <xs:enumeration value="BES" />
    <xs:enumeration value="BIH" />
    <xs:enumeration value="BWA" />
    <xs:enumeration value="BVT" />
    <xs:enumeration value="BRA" />
    <xs:enumeration value="IOT" />
    <xs:enumeration value="VGB" />
    <xs:enumeration value="BRN" />
  
```

<xs:enumeration value="BGR" />
<xs:enumeration value="BFA" />
<xs:enumeration value="MMR" />
<xs:enumeration value="BDI" />
<xs:enumeration value="KHM" />
<xs:enumeration value="CMR" />
<xs:enumeration value="CAN" />
<xs:enumeration value="CPV" />
<xs:enumeration value="CYM" />
<xs:enumeration value="CAF" />
<xs:enumeration value="TCD" />
<xs:enumeration value="CHL" />
<xs:enumeration value="CHN" />
<xs:enumeration value="CXR" />
<xs:enumeration value="CCK" />
<xs:enumeration value="COL" />
<xs:enumeration value="COM" />
<xs:enumeration value="COD" />
<xs:enumeration value="COG" />
<xs:enumeration value="COK" />
<xs:enumeration value="CRI" />
<xs:enumeration value="CIV" />
<xs:enumeration value="HRV" />
<xs:enumeration value="CUB" />
<xs:enumeration value="CUW" />
<xs:enumeration value="CYP" />
<xs:enumeration value="CZE" />
<xs:enumeration value="DNK" />
<xs:enumeration value="DJI" />
<xs:enumeration value="DMA" />
<xs:enumeration value="DOM" />
<xs:enumeration value="ECU" />
<xs:enumeration value="EGY" />
<xs:enumeration value="SLV" />
<xs:enumeration value="GNQ" />
<xs:enumeration value="ERI" />
<xs:enumeration value="EST" />
<xs:enumeration value="SWZ" />
<xs:enumeration value="ETH" />
<xs:enumeration value="FLK" />
<xs:enumeration value="FRO" />
<xs:enumeration value="FJI" />
<xs:enumeration value="FIN" />
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[Table of Contents](#)

Simple Type: **currencyCodeType**

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

Name	currencyCodeType
Content	<ul style="list-style-type: none">Base XSD Type: string<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' 'OTH' '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' 'ZWL' }
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"INR": "Indian Rupee"
"IQD": "Iraqi Dinar"
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"MVR": "Rufiyaa"
"MWK": "Malawi Kwacha"
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"NOK": "Norwegian Krone"
"NPR": "Nepalese Rupee"
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"OTH": "Other"
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"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"
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"THB": "Baht"
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"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"
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"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

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Simple Type: fundInvestorCode

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

Name	fundInvestorCode
Content	<ul style="list-style-type: none">Base XSD Type: stringvalue comes from list: {'EXT_PRVT_FUND' 'FRGN_INSTN' 'GOVT_ENTTY' 'GOVT_PNSN' 'INT_PRVT_FUND' 'NON_US_BANKG_INSTN' 'NON_US_BD' 'NON_US_NON_PRFT' 'NON_US_NSRNC_CMPNY' 'NON_US_NTMDY' 'NON_US_PERSN' 'NON_US_PNSN_PLN' 'NVSMT_CMPNY' 'OTHER' 'US_BANKG_INSTN' 'US_BD' 'US_NON_PRFT' 'US_NSRNC_CMPNY' 'US_PERSN' 'US_PNSN_PLN'}
Documentation	<p>EXT_PRVT_FUND - External private funds</p> <p>FRGN_INSTN - Sovereign wealth funds and foreign official institutions (excluding pension funds)</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>INT_PRVT_FUND - Internal private funds</p> <p>NON_US_BANKG_INSTN - Banking or thrift institutions that are not United States persons</p> <p>NON_US_BD - Broker-dealers that are not United States persons</p> <p>NON_US_NON_PRFT - Non-profits that are not United States persons</p> <p>NON_US_NSRNC_CMPNY - Insurance companies that are not United States persons</p> <p>NON_US_NTMDY - Investors that are not United States persons and about which beneficial ownership information is not known and cannot reasonably be obtained because the beneficial interest is held through a chain involving one or more third-party intermediaries</p> <p>NON_US_PERSN - Individuals that are not United States persons (including their trusts)</p> <p>NON_US_PNSN_PLN - Non-U.S. pension funds (plans and funds that are not U.S. private or governmental pension plans)</p> <p>NVSMT_CMPNY - Investment companies registered with the SEC</p> <p>OTHER - Other</p> <p>US_BANKG_INSTN - Banking or thrift institutions that are United States persons</p> <p>US_BD - Broker-dealers that are United States persons</p> <p>US_NON_PRFT - Non-profits that are United States persons</p> <p>US_NSRNC_CMPNY - Insurance companies that are United States persons</p> <p>US_PERSN - Individuals that are United States persons (including their trusts)</p> <p>US_PNSN_PLN - U.S Pension plans (excluding governmental pension plans)</p>

Schema Component Representation

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

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Simple Type: fundType

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

Name	fundType
Content	<ul style="list-style-type: none">Base XSD Type: stringvalue comes from list: {'HEDGE' 'LIQUIDITY' 'OTHER' 'PRIVATE' 'REALESTATE' 'SECUREASSET' 'VC'}
Documentation	HEDGE: Hedge Fund,LIQUIDITY: Liquidity Fund,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="OTHER"/>
    <xs:enumeration value="PRIVATE"/>
    <xs:enumeration value="REALESTATE"/>
    <xs:enumeration value="SECUREASSET"/>
    <xs:enumeration value="VC"/>
  </xs:restriction>
</xs:simpleType>
```

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Simple Type: fundTypeAggregatedAsset

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

Name	fundTypeAggregatedAsset
Content	<ul style="list-style-type: none">Base XSD Type: stringvalue comes from list: {'HEDGE' 'LIQUIDITY' 'NONPRIVATE' 'OTHER' 'PRIVATE' 'REALESTATE' 'SECUREASSET' 'VC'}
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="fundTypeAggregatedAsset">
  <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>
```

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Simple Type: **instrumentType**

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

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

Schema Component Representation

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

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Simple Type: integerNAType

Super-types:	None
Sub-types:	None

Name	integerNAType
Content	<ul style="list-style-type: none">• Union of following types:<ul style="list-style-type: none">◦ xs:integer◦ NAType

Schema Component Representation

```
<xs:simpleType name="integerNAType">  
  <xs:union memberTypes="xs:integer NAType" />  
</xs:simpleType>
```

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Simple Type: investmentStrategyType

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

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

Schema Component Representation

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

Simple Type: **liquidityFundInvestmentCategory**

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

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

Schema Component Representation

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

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Simple Type: **majorFinancialInstitution**

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

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

```
<xs:simpleType name="majorFinancialInstitution">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ABN"/>
    <xs:enumeration value="ANZ"/>
    <xs:enumeration value="BAML"/>
    <xs:enumeration value="BAR"/>
    <xs:enumeration value="BLK"/>
    <xs:enumeration value="BMP"/>
    <xs:enumeration value="BNP"/>
    <xs:enumeration value="BNY"/>
    <xs:enumeration value="CA"/>
    <xs:enumeration value="CBA"/>
    <xs:enumeration value="CBK"/>
    <xs:enumeration value="CF"/>
    <xs:enumeration value="CIBC"/>
    <xs:enumeration value="CITCO"/>
    <xs:enumeration value="CITI"/>
    <xs:enumeration value="CS"/>
    <xs:enumeration value="DB"/>
    <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="MIZ"/>
    <xs:enumeration value="MS"/>
    <xs:enumeration value="MUFG"/>
    <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="SMFG"/>
    <xs:enumeration value="SOCGEN"/>
    <xs:enumeration value="STAN"/>
    <xs:enumeration value="STT"/>
    <xs:enumeration value="TD"/>
    <xs:enumeration value="UBS"/>
    <xs:enumeration value="USB"/>
    <xs:enumeration value="WFC"/>
  </xs:restriction>
</xs:simpleType>
```

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Simple Type: **NAICSCodeType**

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

Name	NAICSCodeType
Content	<div><ul style="list-style-type: none">Base XSD Type: stringvalue comes from list: {'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' 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Documentation	<p>Elements of this type represent the allowed NAICS Codes.</p> <p>Allowed values (code - Title) are:</p> 111110 - Soybean Farming 111120 - Oilseed (except Soybean) Farming 111130 - Dry Pea and Bean Farming 111140 - Wheat Farming 111150 - Corn Farming 111160 - Rice Farming 111191 - Oilseed and Grain Combination Farming 111199 - All Other Grain Farming 111211 - Potato Farming 111219 - Other Vegetable (except Potato) and Melon Farming 111310 - Orange Groves 111320 - Citrus (except Orange) Groves 111331 - Apple Orchards 111332 - Grape Vineyards 111333 - Strawberry Farming 111334 - Berry (except Strawberry) Farming 111335 - Tree Nut Farming 111336 - Fruit and Tree Nut Combination Farming 111339 - Other Noncitrus Fruit Farming 111411 - Mushroom Production 111419 - Other Food Crops Grown Under Cover 111421 - Nursery and Tree Production 111422 - Floriculture Production 111910 - Tobacco Farming 111920 - Cotton Farming 111930 - Sugarcane Farming 111940 - Hay Farming 111991 - Sugar Beet Farming 111992 - Peanut Farming 111998 - All Other Miscellaneous Crop Farming 112111 - Beef Cattle Ranching and Farming 112112 - Cattle Feedlots 112120 - Dairy Cattle and Milk Production 112130 - Dual-Purpose Cattle Ranching and Farming 112210 - Hog and Pig Farming 112310 - Chicken Egg Production 112320 - Broilers and Other Meat Type Chicken Production 112330 - Turkey Production 112340 - Poultry Hatcheries 112390 - Other Poultry Production 112410 - Sheep Farming 112420 - Goat Farming 112511 - Finfish Farming and Fish Hatcheries 112512 - Shellfish Farming

112519 - Other Aquaculture
 112910 - Apiculture
 112920 - Horses and Other Equine Production
 112930 - Fur-Bearing Animal and Rabbit Production
 112990 - All Other Animal Production
 113110 - Timber Tract Operations
 113210 - Forest Nurseries and Gathering of Forest Products
 113310 - Logging
 114111 - Finfish Fishing
 114112 - Shellfish Fishing
 114119 - Other Marine Fishing
 114210 - Hunting and Trapping
 115111 - Cotton Ginning
 115112 - Soil Preparation, Planting, and Cultivating
 115113 - Crop Harvesting, Primarily by Machine
 115114 - Postharvest Crop Activities (except Cotton Ginning)
 115115 - Farm Labor Contractors and Crew Leaders
 115116 - Farm Management Services
 115210 - Support Activities for Animal Production
 115310 - Support Activities for Forestry
 211120 - Crude Petroleum Extraction
 211130 - Natural Gas Extraction
 212114 - Surface Coal Mining
 212115 - Underground Coal Mining
 212210 - Iron Ore Mining
 212220 - Gold Ore and Silver Ore Mining
 212230 - Copper, Nickel, Lead, and Zinc Mining
 212290 - Other Metal Ore Mining
 212311 - Dimension Stone Mining and Quarrying
 212312 - Crushed and Broken Limestone Mining and Quarrying
 212313 - Crushed and Broken Granite Mining and Quarrying
 212319 - Other Crushed and Broken Stone Mining and Quarrying
 212321 - Construction Sand and Gravel Mining
 212322 - Industrial Sand Mining
 212323 - Kaolin, Clay, and Ceramic and Refractory Minerals Mining
 212390 - Other Nonmetallic Mineral Mining and Quarrying
 213111 - Drilling Oil and Gas Wells
 213112 - Support Activities for Oil and Gas Operations
 213113 - Support Activities for Coal Mining
 213114 - Support Activities for Metal Mining
 213115 - Support Activities for Nonmetallic Minerals (except Fuels) Mining
 221111 - Hydroelectric Power Generation
 221112 - Fossil Fuel Electric Power Generation
 221113 - Nuclear Electric Power Generation
 221114 - Solar Electric Power Generation
 221115 - Wind Electric Power Generation
 221116 - Geothermal Electric Power Generation
 221117 - Biomass Electric Power Generation
 221118 - Other Electric Power Generation
 221121 - Electric Bulk Power Transmission and Control
 221122 - Electric Power Distribution
 221210 - Natural Gas Distribution
 221310 - Water Supply and Irrigation Systems
 221320 - Sewage Treatment Facilities
 221330 - Steam and Air-Conditioning Supply
 236115 - New Single-Family Housing Construction (except For-Sale Builders)
 236116 - New Multifamily Housing Construction (except For-Sale Builders)
 236117 - New Housing For-Sale Builders
 236118 - Residential Remodelers
 236210 - Industrial Building Construction
 236220 - Commercial and Institutional Building Construction
 237110 - Water and Sewer Line and Related Structures Construction
 237120 - Oil and Gas Pipeline and Related Structures Construction
 237130 - Power and Communication Line and Related Structures Construction
 237210 - Land Subdivision
 237310 - Highway, Street, and Bridge Construction
 237990 - Other Heavy and Civil Engineering Construction
 238110 - Poured Concrete Foundation and Structure Contractors
 238120 - Structural Steel and Precast Concrete Contractors
 238130 - Framing Contractors
 238140 - Masonry Contractors
 238150 - Glass and Glazing Contractors
 238160 - Roofing Contractors
 238170 - Siding Contractors
 238190 - Other Foundation, Structure, and Building Exterior Contractors
 238210 - Electrical Contractors and Other Wiring Installation Contractors
 238220 - Plumbing, Heating, and Air-Conditioning Contractors
 238290 - Other Building Equipment Contractors
 238310 - Drywall and Insulation Contractors
 238320 - Painting and Wall Covering Contractors

238330 - Flooring Contractors
 238340 - Tile and Terrazzo Contractors
 238350 - Finish Carpentry Contractors
 238390 - Other Building Finishing Contractors
 238910 - Site Preparation Contractors
 238990 - All Other Specialty Trade Contractors
 311111 - Dog and Cat Food Manufacturing
 311119 - Other Animal Food Manufacturing
 311211 - Flour Milling
 311212 - Rice Milling
 311213 - Malt Manufacturing
 311221 - Wet Corn Milling and Starch Manufacturing
 311224 - Soybean and Other Oilseed Processing
 311225 - Fats and Oils Refining and Blending
 311230 - Breakfast Cereal Manufacturing
 311313 - Beet Sugar Manufacturing
 311314 - Cane Sugar Manufacturing
 311340 - Nonchocolate Confectionery Manufacturing
 311351 - Chocolate and Confectionery Manufacturing from Cacao Beans
 311352 - Confectionery Manufacturing from Purchased Chocolate
 311411 - Frozen Fruit, Juice, and Vegetable Manufacturing
 311412 - Frozen Specialty Food Manufacturing
 311421 - Fruit and Vegetable Canning
 311422 - Specialty Canning
 311423 - Dried and Dehydrated Food Manufacturing
 311511 - Fluid Milk Manufacturing
 311512 - Creamery Butter Manufacturing
 311513 - Cheese Manufacturing
 311514 - Dry, Condensed, and Evaporated Dairy Product Manufacturing
 311520 - Ice Cream and Frozen Dessert Manufacturing
 311611 - Animal (except Poultry) Slaughtering
 311612 - Meat Processed from Carcasses
 311613 - Rendering and Meat Byproduct Processing
 311615 - Poultry Processing
 311710 - Seafood Product Preparation and Packaging
 311811 - Retail Bakeries
 311812 - Commercial Bakeries
 311813 - Frozen Cakes, Pies, and Other Pastries Manufacturing
 311821 - Cookie and Cracker Manufacturing
 311824 - Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour
 311830 - Tortilla Manufacturing
 311911 - Roasted Nuts and Peanut Butter Manufacturing
 311919 - Other Snack Food Manufacturing
 311920 - Coffee and Tea Manufacturing
 311930 - Flavoring Syrup and Concentrate Manufacturing
 311941 - Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing
 311942 - Spice and Extract Manufacturing
 311991 - Perishable Prepared Food Manufacturing
 311999 - All Other Miscellaneous Food Manufacturing
 312111 - Soft Drink Manufacturing
 312112 - Bottled Water Manufacturing
 312113 - Ice Manufacturing
 312120 - Breweries
 312130 - Wineries
 312140 - Distilleries
 312230 - Tobacco Manufacturing
 313110 - Fiber, Yarn, and Thread Mills
 313210 - Broadwoven Fabric Mills
 313220 - Narrow Fabric Mills and 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 Parts Manufacturing
 336419 - Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing
 336510 - Railroad Rolling Stock Manufacturing
 336611 - Ship Building and Repairing
 336612 - Boat Building
 336991 - Motorcycle, Bicycle, and Parts Manufacturing
 336992 - Military Armored Vehicle, Tank, and Tank Component Manufacturing
 336999 - All Other Transportation Equipment Manufacturing
 337110 - Wood Kitchen Cabinet and Countertop Manufacturing
 337121 - Upholstered Household Furniture Manufacturing
 337122 - Nonupholstered Wood Household Furniture Manufacturing
 337126 - Household Furniture (except Wood and Upholstered) Manufacturing
 337127 - Institutional Furniture Manufacturing
 337211 - Wood Office Furniture Manufacturing
 337212 - Custom Architectural Woodwork and Millwork Manufacturing
 337214 - Office Furniture (except Wood) Manufacturing
 337215 - Showcase, Partition, Shelving, and Locker Manufacturing
 337910 - Mattress Manufacturing
 337920 - Blind and Shade Manufacturing
 339112 - Surgical and Medical Instrument Manufacturing
 339113 - Surgical Appliance and Supplies Manufacturing
 339114 - Dental Equipment and Supplies Manufacturing
 339115 - Ophthalmic Goods Manufacturing
 339116 - Dental Laboratories
 339910 - Jewelry and Silverware Manufacturing
 339920 - Sporting and Athletic Goods Manufacturing
 339930 - Doll, Toy, and Game Manufacturing
 339940 - Office Supplies (except Paper) Manufacturing
 339950 - Sign Manufacturing
 339991 - Gasket, Packing, and Sealing Device Manufacturing
 339992 - Musical Instrument Manufacturing
 339993 - Fastener, Button, Needle, and Pin Manufacturing
 339994 - Broom, Brush, and Mop Manufacturing
 339995 - Burial Casket Manufacturing
 339999 - All Other Miscellaneous Manufacturing
 423110 - Automobile and Other Motor Vehicle Merchant Wholesalers
 423120 - Motor Vehicle Supplies and New Parts Merchant Wholesalers
 423130 - Tire and Tube Merchant Wholesalers
 423140 - Motor Vehicle Parts (Used) Merchant Wholesalers
 423210 - Furniture Merchant Wholesalers
 423220 - Home Furnishing Merchant Wholesalers
 423310 - Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers
 423320 - Brick, Stone, and Related Construction Material Merchant Wholesalers
 423330 - Roofing, Siding, and Insulation Material Merchant Wholesalers
 423390 - Other Construction Material Merchant Wholesalers
 423410 - Photographic Equipment and Supplies Merchant Wholesalers
 423420 - Office Equipment Merchant Wholesalers
 423430 - Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
 423440 - Other Commercial Equipment Merchant Wholesalers
 423450 - Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
 423460 - Ophthalmic Goods Merchant Wholesalers
 423490 - Other Professional Equipment and Supplies Merchant Wholesalers
 423510 - Metal Service Centers and Other Metal Merchant Wholesalers
 423520 - Coal and Other Mineral and Ore Merchant Wholesalers
 423610 - Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
 423620 - Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers
 423690 - Other Electronic Parts and Equipment Merchant Wholesalers
 423710 - Hardware Merchant Wholesalers
 423720 - Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
 423730 - Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers
 423740 - Refrigeration Equipment and Supplies Merchant Wholesalers
 423810 - Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers
 423820 - Farm and Garden Machinery and Equipment Merchant Wholesalers
 423830 - Industrial Machinery and Equipment Merchant Wholesalers
 423840 - Industrial Supplies Merchant Wholesalers
 423850 - Service Establishment Equipment and Supplies Merchant Wholesalers
 423860 - Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
 423910 - Sporting and Recreational Goods and Supplies Merchant Wholesalers
 423920 - Toy and Hobby Goods and Supplies Merchant Wholesalers
 423930 - Recyclable Material Merchant Wholesalers
 423940 - Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers
 423990 - Other Miscellaneous Durable Goods Merchant Wholesalers
 424110 - Printing and Writing Paper Merchant Wholesalers
 424120 - Stationery and Office Supplies Merchant Wholesalers
 424130 - Industrial and Personal Service Paper Merchant Wholesalers
 424210 - Drugs and Druggists' Sundries Merchant Wholesalers
 424310 - Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers
 424340 - Footwear Merchant Wholesalers
 424350 - Clothing and Clothing Accessories Merchant Wholesalers

424410 - General Line Grocery Merchant Wholesalers
424420 - Packaged Frozen Food Merchant Wholesalers
424430 - Dairy Product (except Dried or Canned) Merchant Wholesalers
424440 - Poultry and Poultry Product Merchant Wholesalers
424450 - Confectionery Merchant Wholesalers
424460 - Fish and Seafood Merchant Wholesalers
424470 - Meat and Meat Product Merchant Wholesalers
424480 - Fresh Fruit and Vegetable Merchant Wholesalers
424490 - Other Grocery and Related Products Merchant Wholesalers
424510 - Grain and Field Bean Merchant Wholesalers
424520 - Livestock Merchant Wholesalers
424590 - Other Farm Product Raw Material Merchant Wholesalers
424610 - Plastics Materials and Basic Forms and Shapes Merchant Wholesalers
424690 - Other Chemical and Allied Products Merchant Wholesalers
424710 - Petroleum Bulk Stations and Terminals
424720 - Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
424810 - Beer and Ale Merchant Wholesalers
424820 - Wine and Distilled Alcoholic Beverage Merchant Wholesalers
424910 - Farm Supplies Merchant Wholesalers
424920 - Book, Periodical, and Newspaper Merchant Wholesalers
424930 - Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers
424940 - Tobacco Product and Electronic Cigarette Merchant Wholesalers
424950 - Paint, Varnish, and Supplies Merchant Wholesalers
424990 - Other Miscellaneous Nondurable Goods Merchant Wholesalers
425120 - Wholesale Trade Agents and Brokers
441110 - New Car Dealers
441120 - Used Car Dealers
441210 - Recreational Vehicle Dealers
441222 - Boat Dealers
441227 - Motorcycle, ATV, and All Other Motor Vehicle Dealers
441330 - Automotive Parts and Accessories Retailers
441340 - Tire Dealers
444110 - Home Centers
444120 - Paint and Wallpaper Retailers
444140 - Hardware Retailers
444180 - Other Building Material Dealers
444230 - Outdoor Power Equipment Retailers
444240 - Nursery, Garden Center, and Farm Supply Retailers
445110 - Supermarkets and Other Grocery Retailers (except Convenience Retailers)
445131 - Convenience Retailers
445132 - Vending Machine Operators
445230 - Fruit and Vegetable Retailers
445240 - Meat Retailers
445250 - Fish and Seafood Retailers
445291 - Baked Goods Retailers
445292 - Confectionery and Nut Retailers
445298 - All Other Specialty Food Retailers
445320 - Beer, Wine, and Liquor Retailers
449110 - Furniture Retailers
449121 - Floor Covering Retailers
449122 - Window Treatment Retailers
449129 - All Other Home Furnishings Retailers
449210 - Electronics and Appliance Retailers
455110 - Department Stores
455211 - Warehouse Clubs and Supercenters
455219 - All Other General Merchandise Retailers
456110 - Pharmacies and Drug Retailers
456120 - Cosmetics, Beauty Supplies, and Perfume Retailers
456130 - Optical Goods Retailers
456191 - Food (Health) Supplement Retailers
456199 - All Other Health and Personal Care Retailers
457110 - Gasoline Stations with Convenience Stores
457120 - Other Gasoline Stations
457210 - Fuel Dealers
458110 - Clothing and Clothing Accessories Retailers
458210 - Shoe Retailers
458310 - Jewelry Retailers
458320 - Luggage and Leather Goods Retailers
459110 - Sporting Goods Retailers
459120 - Hobby, Toy, and Game Retailers
459130 - Sewing, Needlework, and Piece Goods Retailers
459140 - Musical Instrument and Supplies Retailers
459210 - Book Retailers and News Dealers
459310 - Florists
459410 - Office Supplies and Stationery Retailers
459420 - Gift, Novelty, and Souvenir Retailers
459510 - Used Merchandise Retailers
459910 - Pet and Pet Supplies Retailers
459920 - Art Dealers
459930 - Manufactured (Mobile) Home Dealers

459991 - Tobacco, Electronic Cigarette, and Other Smoking Supplies Retailers
 459999 - All Other Miscellaneous Retailers
 481111 - Scheduled Passenger Air Transportation
 481112 - Scheduled Freight Air Transportation
 481211 - Nonscheduled Chartered Passenger Air Transportation
 481212 - Nonscheduled Chartered Freight Air Transportation
 481219 - Other Nonscheduled Air Transportation
 482111 - Line-Haul Railroads
 482112 - Short Line Railroads
 483111 - Deep Sea Freight Transportation
 483112 - Deep Sea Passenger Transportation
 483113 - Coastal and Great Lakes Freight Transportation
 483114 - Coastal and Great Lakes Passenger Transportation
 483211 - Inland Water Freight Transportation
 483212 - Inland Water Passenger Transportation
 484110 - General Freight Trucking, Local
 484121 - General Freight Trucking, Long-Distance, Truckload
 484122 - General Freight Trucking, Long-Distance, Less Than Truckload
 484210 - Used Household and Office Goods Moving
 484220 - Specialized Freight (except Used Goods) Trucking, Local
 484230 - Specialized Freight (except Used Goods) Trucking, Long-Distance
 485111 - Mixed Mode Transit Systems
 485112 - Commuter Rail Systems
 485113 - Bus and Other Motor Vehicle Transit Systems
 485119 - Other Urban Transit Systems
 485210 - Interurban and Rural Bus Transportation
 485310 - Taxi and Ridesharing Services
 485320 - Limousine Service
 485410 - School and Employee Bus Transportation
 485510 - Charter Bus Industry
 485991 - Special Needs Transportation
 485999 - All Other Transit and Ground Passenger Transportation
 486110 - Pipeline Transportation of Crude Oil
 486210 - Pipeline Transportation of Natural Gas
 486910 - Pipeline Transportation of Refined Petroleum Products
 486990 - All Other Pipeline Transportation
 487110 - Scenic and Sightseeing Transportation, Land
 487210 - Scenic and Sightseeing Transportation, Water
 487990 - Scenic and Sightseeing Transportation, Other
 488111 - Air Traffic Control
 488119 - Other Airport Operations
 488190 - Other Support Activities for Air Transportation
 488210 - Support Activities for Rail Transportation
 488310 - Port and Harbor Operations
 488320 - Marine Cargo Handling
 488330 - Navigational Services to Shipping
 488390 - Other Support Activities for Water Transportation
 488410 - Motor Vehicle Towing
 488490 - Other Support Activities for Road Transportation
 488510 - Freight Transportation Arrangement
 488991 - Packing and Crating
 488999 - All Other Support Activities for Transportation
 491110 - Postal Service
 492110 - Couriers and Express Delivery Services
 492210 - Local Messengers and Local Delivery
 493110 - General Warehousing and Storage
 493120 - Refrigerated Warehousing and Storage
 493130 - Farm Product Warehousing and Storage
 493190 - Other Warehousing and Storage
 512110 - Motion Picture and Video Production
 512120 - Motion Picture and Video Distribution
 512131 - Motion Picture Theaters (except Drive-Ins)
 512132 - Drive-In Motion Picture Theaters
 512191 - Teleproduction and Other Postproduction Services
 512199 - Other Motion Picture and Video Industries
 512230 - Music Publishers
 512240 - Sound Recording Studios
 512250 - Record Production and Distribution
 512290 - Other Sound Recording Industries
 513110 - Newspaper Publishers
 513120 - Periodical Publishers
 513130 - Book Publishers
 513140 - Directory and Mailing List Publishers
 513191 - Greeting Card Publishers
 513199 - All Other Publishers
 513210 - Software Publishers
 516110 - Radio Broadcasting Stations
 516120 - Television Broadcasting Stations
 516210 - Media Streaming Distribution Services, Social Networks, and Other Media Networks and Content Providers

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

Funds

- 524298 - All Other Insurance Related Activities
- 525110 - Pension Funds
- 525120 - Health and Welfare Funds
- 525190 - Other Insurance Funds
- 525910 - Open-End Investment Funds
- 525920 - Trusts, Estates, and Agency Accounts
- 525990 - Other Financial Vehicles
- 531110 - Lessors of Residential Buildings and Dwellings
- 531120 - Lessors of Nonresidential Buildings (except Miniwarehouses)
- 531130 - Lessors of Miniwarehouses and Self-Storage Units
- 531190 - Lessors of Other Real Estate Property
- 531210 - Offices of Real Estate Agents and Brokers
- 531311 - Residential Property Managers
- 531312 - Nonresidential Property Managers
- 531320 - Offices of Real Estate Appraisers
- 531390 - Other Activities Related to Real Estate
- 532111 - Passenger Car Rental
- 532112 - Passenger Car Leasing
- 532120 - Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing
- 532210 - Consumer Electronics and Appliances Rental
- 532281 - Formal Wear and Costume Rental
- 532282 - Video Tape and Disc Rental
- 532283 - Home Health Equipment Rental
- 532284 - Recreational Goods Rental
- 532289 - All Other Consumer Goods Rental
- 532310 - General Rental Centers
- 532411 - Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing
- 532412 - Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing
- 532420 - Office Machinery and Equipment Rental and Leasing
- 532490 - Other Commercial and Industrial Machinery and Equipment Rental and Leasing
- 533110 - Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)
- 541110 - Offices of Lawyers
- 541120 - Offices of Notaries
- 541191 - Title Abstract and Settlement Offices
- 541199 - All Other Legal Services
- 541211 - Offices of Certified Public Accountants
- 541213 - Tax Preparation Services
- 541214 - Payroll Services
- 541219 - Other Accounting Services
- 541310 - Architectural Services
- 541320 - Landscape Architectural Services
- 541330 - Engineering Services

541340 - Drafting Services
 541350 - Building Inspection Services
 541360 - Geophysical Surveying and Mapping Services
 541370 - Surveying and Mapping (except Geophysical) Services
 541380 - Testing Laboratories and Services
 541410 - Interior Design Services
 541420 - Industrial Design Services
 541430 - Graphic Design Services
 541490 - Other Specialized Design Services
 541511 - Custom Computer Programming Services
 541512 - Computer Systems Design Services
 541513 - Computer Facilities Management Services
 541519 - Other Computer Related Services
 541611 - Administrative Management and General Management Consulting Services
 541612 - Human Resources Consulting Services
 541613 - Marketing Consulting Services
 541614 - Process, Physical Distribution, and Logistics Consulting Services
 541618 - Other Management Consulting Services
 541620 - Environmental Consulting Services
 541690 - Other Scientific and Technical Consulting Services
 541713 - Research and Development in Nanotechnology
 541714 - Research and Development in Biotechnology (except Nanobiotechnology)
 541715 - Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
 541720 - Research and Development in the Social Sciences and Humanities
 541810 - Advertising Agencies
 541820 - Public Relations Agencies
 541830 - Media Buying Agencies
 541840 - Media Representatives
 541850 - Indoor and Outdoor Display Advertising
 541860 - Direct Mail Advertising
 541870 - Advertising Material Distribution Services
 541890 - Other Services Related to Advertising
 541910 - Marketing Research and Public Opinion Polling
 541921 - Photography Studios, Portrait
 541922 - Commercial Photography
 541930 - Translation and Interpretation Services
 541940 - Veterinary Services
 541990 - All Other Professional, Scientific, and Technical Services
 551111 - Offices of Bank Holding Companies
 551112 - Offices of Other Holding Companies
 551114 - Corporate, Subsidiary, and Regional Managing Offices
 561110 - Office Administrative Services
 561210 - Facilities Support Services
 561311 - Employment Placement Agencies
 561312 - Executive Search Services
 561320 - Temporary Help Services
 561330 - Professional Employer Organizations
 561410 - Document Preparation Services
 561421 - Telephone Answering Services
 561422 - Telemarketing Bureaus and Other Contact Centers
 561431 - Private Mail Centers
 561439 - Other Business Service Centers (including Copy Shops)
 561440 - Collection Agencies
 561450 - Credit Bureaus
 561491 - Repossession Services
 561492 - Court Reporting and Stenotype Services
 561499 - All Other Business Support Services
 561510 - Travel Agencies
 561520 - Tour Operators
 561591 - Convention and Visitors Bureaus
 561599 - All Other Travel Arrangement and Reservation Services
 561611 - Investigation and Personal Background Check Services
 561612 - Security Guards and Patrol Services
 561613 - Armored Car Services
 561621 - Security Systems Services (except Locksmiths)
 561622 - Locksmiths
 561710 - Exterminating and Pest Control Services
 561720 - Janitorial Services
 561730 - Landscaping Services
 561740 - Carpet and Upholstery Cleaning Services
 561790 - Other Services to Buildings and Dwellings
 561910 - Packaging and Labeling Services
 561920 - Convention and Trade Show Organizers
 561990 - All Other Support Services
 562111 - Solid Waste Collection
 562112 - Hazardous Waste Collection
 562119 - Other Waste Collection
 562211 - Hazardous Waste Treatment and Disposal
 562212 - Solid Waste Landfill

562213 - Solid Waste Combustors and Incinerators
 562219 - Other Nonhazardous Waste Treatment and Disposal
 562910 - Remediation Services
 562920 - Materials Recovery Facilities
 562991 - Septic Tank and Related Services
 562998 - All Other Miscellaneous Waste Management Services
 611110 - Elementary and Secondary Schools
 611210 - Junior Colleges
 611310 - Colleges, Universities, and Professional Schools
 611410 - Business and Secretarial Schools
 611420 - Computer Training
 611430 - Professional and Management Development Training
 611511 - Cosmetology and Barber Schools
 611512 - Flight Training
 611513 - Apprenticeship Training
 611519 - Other Technical and Trade Schools
 611610 - Fine Arts Schools
 611620 - Sports and Recreation Instruction
 611630 - Language Schools
 611691 - Exam Preparation and Tutoring
 611692 - Automobile Driving Schools
 611699 - All Other Miscellaneous Schools and Instruction
 611710 - Educational Support Services
 621111 - Offices of Physicians (except Mental Health Specialists)
 621112 - Offices of Physicians, Mental Health Specialists
 621210 - Offices of Dentists
 621310 - Offices of Chiropractors
 621320 - Offices of Optometrists
 621330 - Offices of Mental Health Practitioners (except Physicians)
 621340 - Offices of Physical, Occupational and Speech Therapists, and Audiologists
 621391 - Offices of Podiatrists
 621399 - Offices of All Other Miscellaneous Health Practitioners
 621410 - Family Planning Centers
 621420 - Outpatient Mental Health and Substance Abuse Centers
 621491 - HMO Medical Centers
 621492 - Kidney Dialysis Centers
 621493 - Freestanding Ambulatory Surgical and Emergency Centers
 621498 - All Other Outpatient Care Centers
 621511 - Medical Laboratories
 621512 - Diagnostic Imaging Centers
 621610 - Home Health Care Services
 621910 - Ambulance Services
 621991 - Blood and Organ Banks
 621999 - All Other Miscellaneous Ambulatory Health Care Services
 622110 - General Medical and Surgical Hospitals
 622210 - Psychiatric and Substance Abuse Hospitals
 622310 - Specialty (except Psychiatric and Substance Abuse) Hospitals
 623110 - Nursing Care Facilities (Skilled Nursing Facilities)
 623210 - Residential Intellectual and Developmental Disability Facilities
 623220 - Residential Mental Health and Substance Abuse Facilities
 623311 - Continuing Care Retirement Communities
 623312 - Assisted Living Facilities for the Elderly
 623990 - Other Residential Care Facilities
 624110 - Child and Youth Services
 624120 - Services for the Elderly and Persons with Disabilities
 624190 - Other Individual and Family Services
 624210 - Community Food Services
 624221 - Temporary Shelters
 624229 - Other Community Housing Services
 624230 - Emergency and Other Relief Services
 624310 - Vocational Rehabilitation Services
 624410 - Child Care Services
 711110 - Theater Companies and Dinner Theaters
 711120 - Dance Companies
 711130 - Musical Groups and Artists
 711190 - Other Performing Arts Companies
 711211 - Sports Teams and Clubs
 711212 - Racetracks
 711219 - Other Spectator Sports
 711310 - Promoters of Performing Arts, Sports, and Similar Events with Facilities
 711320 - Promoters of Performing Arts, Sports, and Similar Events without Facilities
 711410 - Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
 711510 - Independent Artists, Writers, and Performers
 712110 - Museums
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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
 811411 - Home and Garden Equipment Repair and Maintenance
 811412 - Appliance Repair and Maintenance
 811420 - Reupholstery and Furniture Repair
 811430 - Footwear and Leather Goods Repair
 811490 - Other Personal and Household Goods Repair and Maintenance
 812111 - Barber Shops
 812112 - Beauty Salons
 812113 - Nail Salons
 812191 - Diet and Weight Reducing Centers
 812199 - Other Personal Care Services
 812210 - Funeral Homes and Funeral Services
 812220 - Cemeteries and Crematories
 812310 - Coin-Operated Laundries and Drycleaners
 812320 - Drycleaning and Laundry Services (except Coin-Operated)
 812331 - Linen Supply
 812332 - Industrial Launderers
 812910 - Pet Care (except Veterinary) Services
 812921 - Photofinishing Laboratories (except One-Hour)
 812922 - One-Hour Photofinishing
 812930 - Parking Lots and Garages
 812990 - All Other Personal Services
 813110 - Religious Organizations
 813211 - Grantmaking Foundations
 813212 - Voluntary Health Organizations
 813219 - Other Grantmaking and Giving Services
 813311 - Human Rights Organizations
 813312 - Environment, Conservation and Wildlife Organizations
 813319 - Other Social Advocacy Organizations
 813410 - Civic and Social Organizations
 813910 - Business Associations
 813920 - Professional Organizations
 813930 - Labor Unions and Similar Labor Organizations
 813940 - Political Organizations
 813990 - Other Similar Organizations (except Business, Professional, Labor, and Political Organizations)
 814110 - Private Households
 921110 - Executive Offices
 921120 - Legislative Bodies
 921130 - Public Finance Activities
 921140 - Executive and Legislative Offices, Combined
 921150 - American Indian and Alaska Native Tribal Governments
 921190 - Other General Government Support
 922110 - Courts
 922120 - Police Protection
 922130 - Legal Counsel and Prosecution
 922140 - Correctional Institutions
 922150 - Parole Offices and Probation Offices
 922160 - Fire Protection
 922190 - Other Justice, Public Order, and Safety Activities

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

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Simple Type: NAType

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

Name	NAType
Content	<ul style="list-style-type: none">Base XSD Type: stringvalue comes from list: {'NA'}

Schema Component Representation

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Simple Type: **subAssetClassAll**

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

Name	subAssetClassAll
Content	<ul style="list-style-type: none">Base XSD Type: string<i>value</i> comes from list: {'ABS_STRUCT_PRD_ABCP' 'SVRN_BMB_AS' 'COM_AGR' 'AMR_DEP_REC' 'COM_BASE_MET' 'ABS_CDO_JR_EQT' 'ABS_CDO_MEZZ' 'ABS_CDO_SNR' 'ABS_CLO_JR_EQT' 'ABS_CLO_MEZZ' 'ABS_CLO_SNR' 'CRR_DER' 'COM_CRU_OIL' 'DIG_ASSET' 'FX_DER' 'SVRN_BMB_GSE_BND' 'COM_GOLD' 'IDX_LST_EQT' 'INF_DER' 'CNV_BND_FIN_INV_GD' 'CNV_BND_NFIN_INV_GD' 'CRP_BND_FIN_INV_GD' 'CRP_BND_NFIN_INV_GD' 'INV_OTH_SUB_ASST_CLS' 'LST_EQT_FIN' 'ABS_STRUCT_PRD_MBS' 'COM_NAT_GAS' 'NON_US_IR_DER' 'CNV_BND_FIN_NINV_GD' 'CNV_BND_NFIN_NINV_GD' 'CRP_BND_FIN_NINV_GD' 'CRP_BND_NFIN_NINV_GD' 'COM_OTH_PM' 'ABS_STRUCT_PRD_OABS' 'COM_OTH' 'OTH_DER' 'LST_EQT_OTH' 'LST_EQT_OTH_SN' 'SVRN_BMB_OTH_SUP_BND' 'ABS_STRUCT_PRD_OSPRD' 'UNLST_EQT_OTH' 'COM_PWR_ENRG' 'REAL_EST' 'SVRN_BMB_G10_NO_US' 'USD_IR_DER' 'SVRN_BMB_US_ST_LCL' 'US_TRSY_BILLS' 'US_TRSY_NOTES_BNDS' 'UNLST_EQT_FIN' 'VAR_DER' 'VOL_DER' 'CSH_EQ_CD' 'CRD_DER_EXO_CDS' 'CRD_DER_FIN_SN_CDS' 'CRD_DER_IDX_CDS' 'LOAN_LVRG_LN' 'LOAN_OTH_LN_NO_REPO' 'CSH_EQ_MM_FNDS' 'NON_US_CURR_HLDNG' 'OPEN_REPO' 'CSH_EQ_OTH' 'CSH_EQ_OTH_DEP' 'CRD_DER_OTH_SN_CDS' 'OVN_REPO' 'CRD_DER_SVRN_SN_CDS' 'TERM_REPO' 'US_CURR_HLDNG'}
Documentation	<p>All sub-asset classes from subAssetClassWithInstrumentType and subAssetClassWithNoInstrumentType</p> <p>ABS_STRUCT_PRD_ABCP - ABCP</p> <p>SVRN_BMB_AS - Agency Securities</p> <p>COM_AGR - Agricultural Commodities</p> <p>AMR_DEP_REC - American Depositary Receipts</p> <p>COM_BASE_MET - Base Metal Commodities</p> <p>ABS_CDO_JR_EQT - CDO (junior Equity)</p> <p>ABS_CDO_MEZZ - CDO (mezzanine)</p> <p>ABS_CDO_SNR - CDO (senior Or Higher)</p> <p>ABS_CLO_JR_EQT - CLO (junior Equity)</p> <p>ABS_CLO_MEZZ - CLO (mezzanine)</p> <p>ABS_CLO_SNR - CLO (senior Or Higher)</p> <p>CRR_DER - Correlation Derivatives</p> <p>COM_CRU_OIL - Crude Oil Commodities</p> <p>DIG_ASSET - Digital Assets</p> <p>FX_DER - Foreign Exchange Derivatives</p> <p>SVRN_BMB_GSE_BND - GSE Bonds</p> <p>COM_GOLD - Gold Commodities</p> <p>IDX_LST_EQT - Indices On Listed Equity</p> <p>INF_DER - Inflation Derivatives</p> <p>CNV_BND_FIN_INV_GD - Investment Grade Convertible Bonds Issued By Financial Institutions</p> <p>CNV_BND_NFIN_INV_GD - Investment Grade Convertible Bonds Not Issued By Financial Institutions</p> <p>CRP_BND_FIN_INV_GD - Investment Grade Corporate Bonds Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>CRP_BND_NFIN_INV_GD - Investment Grade Corporate Bonds Not Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>INV_OTH_SUB_ASST_CLS - Investments In Other Sub-asset Classes</p> <p>LST_EQT_FIN - Listed Equity Issued By Financial Institutions</p> <p>ABS_STRUCT_PRD_MBS - MBS</p> <p>COM_NAT_GAS - Natural Gas Commodities</p> <p>NON_US_IR_DER - Non-U.S. Currency Interest Rate Derivatives</p> <p>CNV_BND_FIN_NINV_GD - Non-investment Grade Convertible Bonds Issued By Financial Institutions</p> <p>CNV_BND_NFIN_NINV_GD - Non-investment Grade Convertible Bonds Not Issued By Financial Institutions</p> <p>CRP_BND_FIN_NINV_GD - Non-investment Grade Corporate Bonds Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>CRP_BND_NFIN_NINV_GD - Non-investment Grade Corporate Bonds Not Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>COM_OTH_PM - Other (non-gold) Precious Metal Commodities</p> <p>ABS_STRUCT_PRD_OABS - Other ABS</p> <p>COM_OTH - Other Commodities</p> <p>OTH_DER - Other Derivatives</p> <p>LST_EQT_OTH - Other Listed Equity</p> <p>LST_EQT_OTH_SN - Other Single Name Listed Equity</p> <p>SVRN_BMB_OTH_SUP_BND - Other Sovereign Bonds (including Supranational Bonds)</p> <p>ABS_STRUCT_PRD_OSPRD - Other Structured Products</p> <p>UNLST_EQT_OTH - Other Unlisted Equity</p> <p>COM_PWR_ENRG - Power And Other Energy Commodities</p> <p>REAL_EST - Real Estate</p> <p>SVRN_BMB_G10_NO_US - Sovereign Bonds Issued By G10 Countries Other Than The U.S</p> <p>USD_IR_DER - U.S. Dollar Interest Rate Derivatives</p> <p>SVRN_BMB_US_ST_LCL - U.S. State And Local Bonds</p>

US_TRSY_BILLS - U.S. Treasury Bills
 US_TRSY_NOTES_BNDS - U.S. Treasury Notes And Bonds
 UNLST_EQT_FIN - Unlisted Equity Issued By Financial Institutions
 VAR_DER - Variance Derivatives
 VOL_DER - Volatility Derivatives
 CSH_EQ_CD - Certificates Of Deposit
 CRD_DER_EXO_CDS - Exotic CDS
 CRD_DER_FIN_SN_CDS - Financial Institution Single Name CDS
 CRD_DER_IDX_CDS - Index CDS
 LOAN_LVRG_LN - Leveraged Loans
 LOAN_OTH_LN_NO_REPO - Loans (excluding Leveraged Loans And Repo)
 CSH_EQ_MM_FNDS - Money Market Funds
 NON_US_CURR_HLDNG - Non-U.S. Currency Holdings
 OPEN_REPO - Open Repos
 CSH_EQ_OTH - Other Cash And Cash Equivalents (excluding Bank Deposits, Certificates Of Deposit,
 Money Market Funds, And U.S. Treasury Bills, Notes, And Bonds)
 CSH_EQ_OTH_DEP - Other Deposits
 CRD_DER_OTH_SN_CDS - Other Single Name CDS
 OVN_REPO - Overnight Repo
 CRD_DER_SVRN_SN_CDS - Sovereign Single Name CDS
 TERM_REPO - Term Repo (other Than Overnight)
 US_CURR_HLDNG - U.S. Currency Holdings

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Simple Type: **subAssetClassFixedIncome**

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

Name	subAssetClassFixedIncome
Content	<ul style="list-style-type: none">Base XSD Type: stringvalue comes from list: {'ABS_STRUCT_PRD_ABCP' 'ABS_CDO_JR_EQT' 'ABS_CDO_MEZZ' 'ABS_CDO_SNR' 'ABS_CLO_JR_EQT' 'ABS_CLO_MEZZ' 'ABS_CLO_SNR' 'CSH_EQ_CD' 'SVRN_BMB_GSE_BND' 'CNV_BND_FIN_INV_GD' 'CRP_BND_FIN_INV_GD' 'CRP_BND_NFIN_INV_GD' 'LOAN_LVRG_LN' 'LOAN_OTH_LN_NO_REPO' 'ABS_STRUCT_PRD_MBS' 'NON_US_IR_DER' 'CRP_BND_FIN_NINV_GD' 'CRP_BND_NFIN_NINV_GD' 'OPEN_REPO' 'ABS_STRUCT_PRD_OABS' 'SVRN_BMB_OTH_SUP_BND' 'ABS_STRUCT_PRD_OSPRD' 'OVN_REPO' 'SVRN_BMB_G10_NO_US' 'TERM_REPO' 'SVRN_BMB_AS' 'USD_IR_DER' 'SVRN_BMB_US_ST_LCL' 'US_TRSY_BILLS' 'US_TRSY_NOTES_BNDS'}
Documentation	<p>ABS_STRUCT_PRD_ABCP - ABCP</p> <p>ABS_CDO_JR_EQT - CDO (junior Equity)</p> <p>ABS_CDO_MEZZ - CDO (mezzanine)</p> <p>ABS_CDO_SNR - CDO (senior Or Higher)</p> <p>ABS_CLO_JR_EQT - CLO (junior Equity)</p> <p>ABS_CLO_MEZZ - CLO (mezzanine)</p> <p>ABS_CLO_SNR - CLO (senior Or Higher)</p> <p>CSH_EQ_CD - Certificates Of Deposit</p> <p>SVRN_BMB_GSE_BND - GSE Bonds</p> <p>CNV_BND_FIN_INV_GD - Investment Grade Convertible Bonds Issued By Financial Institutions</p> <p>CRP_BND_FIN_INV_GD - Investment Grade Corporate Bonds Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>CRP_BND_NFIN_INV_GD - Investment Grade Corporate Bonds Not Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>LOAN_LVRG_LN - Leveraged Loans</p> <p>LOAN_OTH_LN_NO_REPO - Loans (excluding Leveraged Loans And Repo)</p> <p>ABS_STRUCT_PRD_MBS - MBS</p> <p>NON_US_IR_DER - Non-U.S. Currency Interest Rate Derivatives</p> <p>CRP_BND_FIN_NINV_GD - Non-investment Grade Corporate Bonds Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>CRP_BND_NFIN_NINV_GD - Non-investment Grade Corporate Bonds Not Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>OPEN_REPO - Open Repos</p> <p>ABS_STRUCT_PRD_OABS - Other ABS</p> <p>SVRN_BMB_OTH_SUP_BND - Other Sovereign Bonds (including Supranational Bonds)</p> <p>ABS_STRUCT_PRD_OSPRD - Other Structured Products</p> <p>OVN_REPO - Overnight Repo</p> <p>SVRN_BMB_G10_NO_US - Sovereign Bonds Issued By G10 Countries Other Than The U.S</p> <p>TERM_REPO - Term Repo (other Than Overnight)</p> <p>SVRN_BMB_AS - U.S. Agency Securities</p> <p>USD_IR_DER - U.S. Dollar Interest Rate Derivatives</p> <p>SVRN_BMB_US_ST_LCL - U.S. State And Local Bonds</p> <p>US_TRSY_BILLS - U.S. Treasury Bills</p> <p>US_TRSY_NOTES_BNDS - U.S. Treasury Notes And Bonds</p>

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Simple Type: **subAssetClassWithInstrumentType**

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

Name	subAssetClassWithInstrumentType
Content	<ul style="list-style-type: none">Base XSD Type: string<i>value</i> comes from list: {'ABS_STRUCT_PRD_ABCP' 'SVRN_BMB_AS' 'COM_AGR' 'AMR_DEP_REC' 'COM_BASE_MET' 'ABS_CDO_JR_EQT' 'ABS_CDO_MEZZ' 'ABS_CDO_SNR' 'ABS_CLO_JR_EQT' 'ABS_CLO_MEZZ' 'ABS_CLO_SNR' 'CRR_DER' 'COM_CRU_OIL' 'DIG_ASSET' 'FX_DER' 'SVRN_BMB_GSE_BND' 'COM_GOLD' 'IDX_LST_EQT' 'INF_DER' 'CNV_BND_FIN_INV_GD' 'CNV_BND_NFIN_INV_GD' 'CRP_BND_FIN_INV_GD' 'CRP_BND_NFIN_INV_GD' 'INV_OTH_SUB_ASST_CLS' 'LST_EQT_FIN' 'ABS_STRUCT_PRD_MBS' 'COM_NAT_GAS' 'NON_US_IR_DER' 'CNV_BND_FIN_NINV_GD' 'CNV_BND_NFIN_NINV_GD' 'CRP_BND_FIN_NINV_GD' 'CRP_BND_NFIN_NINV_GD' 'COM_OTH_PM' 'ABS_STRUCT_PRD_OABS' 'COM_OTH' 'OTH_DER' 'LST_EQT_OTH' 'LST_EQT_OTH_SN' 'SVRN_BMB_OTH_SUP_BND' 'ABS_STRUCT_PRD_OSPRD' 'UNLST_EQT_OTH' 'COM_PWR_ENRG' 'REAL_EST' 'SVRN_BMB_G10_NO_US' 'USD_IR_DER' 'SVRN_BMB_US_ST_LCL' 'US_TRSY_BILLS' 'US_TRSY_NOTES_BNDS' 'UNLST_EQT_FIN' 'VAR_DER' 'VOL_DER'}
Documentation	<p>ABS_STRUCT_PRD_ABCP - ABCP</p> <p>SVRN_BMB_AS - Agency Securities</p> <p>COM_AGR - Agricultural Commodities</p> <p>AMR_DEP_REC - American Depositary Receipts</p> <p>COM_BASE_MET - Base Metal Commodities</p> <p>ABS_CDO_JR_EQT - CDO (junior Equity)</p> <p>ABS_CDO_MEZZ - CDO (mezzanine)</p> <p>ABS_CDO_SNR - CDO (senior Or Higher)</p> <p>ABS_CLO_JR_EQT - CLO (junior Equity)</p> <p>ABS_CLO_MEZZ - CLO (mezzanine)</p> <p>ABS_CLO_SNR - CLO (senior Or Higher)</p> <p>CRR_DER - Correlation Derivatives</p> <p>COM_CRU_OIL - Crude Oil Commodities</p> <p>DIG_ASSET - Digital Assets</p> <p>FX_DER - Foreign Exchange Derivatives</p> <p>SVRN_BMB_GSE_BND - GSE Bonds</p> <p>COM_GOLD - Gold Commodities</p> <p>IDX_LST_EQT - Indices On Listed Equity</p> <p>INF_DER - Inflation Derivatives</p> <p>CNV_BND_FIN_INV_GD - Investment Grade Convertible Bonds Issued By Financial Institutions</p> <p>CNV_BND_NFIN_INV_GD - Investment Grade Convertible Bonds Not Issued By Financial Institutions</p> <p>CRP_BND_FIN_INV_GD - Investment Grade Corporate Bonds Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>CRP_BND_NFIN_INV_GD - Investment Grade Corporate Bonds Not Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>INV_OTH_SUB_ASST_CLS - Investments In Other Sub-asset Classes</p> <p>LST_EQT_FIN - Listed Equity Issued By Financial Institutions</p> <p>ABS_STRUCT_PRD_MBS - MBS</p> <p>COM_NAT_GAS - Natural Gas Commodities</p> <p>NON_US_IR_DER - Non-U.S. Currency Interest Rate Derivatives</p> <p>CNV_BND_FIN_NINV_GD - Non-investment Grade Convertible Bonds Issued By Financial Institutions</p> <p>CNV_BND_NFIN_NINV_GD - Non-investment Grade Convertible Bonds Not Issued By Financial Institutions</p> <p>CRP_BND_FIN_NINV_GD - Non-investment Grade Corporate Bonds Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>CRP_BND_NFIN_NINV_GD - Non-investment Grade Corporate Bonds Not Issued By Financial Institutions (other Than Convertible Bonds)</p> <p>COM_OTH_PM - Other (non-gold) Precious Metal Commodities</p> <p>ABS_STRUCT_PRD_OABS - Other ABS</p> <p>COM_OTH - Other Commodities</p> <p>OTH_DER - Other Derivatives</p> <p>LST_EQT_OTH - Other Listed Equity</p> <p>LST_EQT_OTH_SN - Other Single Name Listed Equity</p> <p>SVRN_BMB_OTH_SUP_BND - Other Sovereign Bonds (including Supranational Bonds)</p> <p>ABS_STRUCT_PRD_OSPRD - Other Structured Products</p> <p>UNLST_EQT_OTH - Other Unlisted Equity</p> <p>COM_PWR_ENRG - Power And Other Energy Commodities</p> <p>REAL_EST - Real Estate</p> <p>SVRN_BMB_G10_NO_US - Sovereign Bonds Issued By G10 Countries Other Than The U.S</p> <p>USD_IR_DER - U.S. Dollar Interest Rate Derivatives</p> <p>SVRN_BMB_US_ST_LCL - U.S. State And Local Bonds</p> <p>US_TRSY_BILLS - U.S. Treasury Bills</p> <p>US_TRSY_NOTES_BNDS - U.S. Treasury Notes And Bonds</p> <p>UNLST_EQT_FIN - Unlisted Equity Issued By Financial Institutions</p> <p>VAR_DER - Variance Derivatives</p> <p>VOL_DER - Volatility Derivatives</p>

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    <xs:enumeration value="ABS_STRUCT_PRD_MBS" />
    <xs:enumeration value="COM_NAT_GAS" />
    <xs:enumeration value="NON_US_IR_DER" />
    <xs:enumeration value="CNV_BND_FIN_NINV_GD" />
    <xs:enumeration value="CNV_BND_NFIN_NINV_GD" />
    <xs:enumeration value="CRP_BND_FIN_NINV_GD" />
    <xs:enumeration value="CRP_BND_NFIN_NINV_GD" />
    <xs:enumeration value="COM_OTH_PM" />
    <xs:enumeration value="ABS_STRUCT_PRD_OABS" />
    <xs:enumeration value="COM_OTH" />
    <xs:enumeration value="OTH_DER" />
    <xs:enumeration value="LST_EQT_OTH" />
    <xs:enumeration value="LST_EQT_OTH_SN" />
    <xs:enumeration value="SVRN_BMB_OTH_SUP_BND" />
    <xs:enumeration value="ABS_STRUCT_PRD_OSPRD" />
    <xs:enumeration value="UNLST_EQT_OTH" />
    <xs:enumeration value="COM_PWR_ENRG" />
    <xs:enumeration value="REAL_EST" />
    <xs:enumeration value="SVRN_BMB_G10_NO_US" />
    <xs:enumeration value="USD_IR_DER" />
    <xs:enumeration value="SVRN_BMB_US_ST_LCL" />
    <xs:enumeration value="US_TRSY_BILLS" />
    <xs:enumeration value="US_TRSY_NOTES_BNDS" />
    <xs:enumeration value="UNLST_EQT_FIN" />
    <xs:enumeration value="VAR_DER" />
    <xs:enumeration value="VOL_DER" />
  </xs:restriction>
</xs:simpleType>

```

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Simple Type: subAssetClassWithNoInstrumentType

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

Name	subAssetClassWithNoInstrumentType
Content	<ul style="list-style-type: none">Base XSD Type: stringvalue comes from list: {'CSH_EQ_CD' 'CRD_DER_EXO_CDS' 'CRD_DER_FIN_SN_CDS' 'CRD_DER_IDX_CDS' 'LOAN_LVRG_LN' 'LOAN_OTH_LN_NO_REPO' 'CSH_EQ_MM_FNDS' 'NON_US_CURR_HLDNG' 'OPEN_REPO' 'CSH_EQ_OTH' 'CSH_EQ_OTH_DEP' 'CRD_DER_OTH_SN_CDS' 'OVN_REPO' 'CRD_DER_SVRN_SN_CDS' 'TERM_REPO' 'US_CURR_HLDNG'}
Documentation	<p>CSH_EQ_CD - Certificates Of Deposit CRD_DER_EXO_CDS - Exotic CDS CRD_DER_FIN_SN_CDS - Financial Institution Single Name CDS CRD_DER_IDX_CDS - Index CDS LOAN_LVRG_LN - Leveraged Loans LOAN_OTH_LN_NO_REPO - Loans (excluding Leveraged Loans And Repo) CSH_EQ_MM_FNDS - Money Market Funds NON_US_CURR_HLDNG - Non-U.S. Currency Holdings OPEN_REPO - Open Repos CSH_EQ_OTH - Other Cash And Cash Equivalents (excluding Bank Deposits, Certificates Of Deposit, Money Market Funds, And U.S. Treasury Bills, Notes, And Bonds) CSH_EQ_OTH_DEP - Other Deposits CRD_DER_OTH_SN_CDS - Other Single Name CDS OVN_REPO - Overnight Repo CRD_DER_SVRN_SN_CDS - Sovereign Single Name CDS TERM_REPO - Term Repo (other Than Overnight) US_CURR_HLDNG - U.S. Currency Holdings</p>

Schema Component Representation

```
<xs:simpleType name="subAssetClassWithNoInstrumentType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="CSH_EQ_CD" />
    <xs:enumeration value="CRD_DER_EXO_CDS" />
    <xs:enumeration value="CRD_DER_FIN_SN_CDS" />
    <xs:enumeration value="CRD_DER_IDX_CDS" />
    <xs:enumeration value="LOAN_LVRG_LN" />
    <xs:enumeration value="LOAN_OTH_LN_NO_REPO" />
    <xs:enumeration value="CSH_EQ_MM_FNDS" />
    <xs:enumeration value="NON_US_CURR_HLDNG" />
    <xs:enumeration value="OPEN_REPO" />
    <xs:enumeration value="CSH_EQ_OTH" />
    <xs:enumeration value="CSH_EQ_OTH_DEP" />
    <xs:enumeration value="CRD_DER_OTH_SN_CDS" />
    <xs:enumeration value="OVN_REPO" />
    <xs:enumeration value="CRD_DER_SVRN_SN_CDS" />
    <xs:enumeration value="TERM_REPO" />
    <xs:enumeration value="US_CURR_HLDNG" />
  </xs:restriction>
</xs:simpleType>
```

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Simple Type: withdrawalRedemptionTermType

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

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

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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>
```

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