

Reporting Central User Guide XML File Format

FR 2004 SI/SD/WI

Primary Dealer Reports

Federal Reserve System

STATISTICS FUNCTION
November 2025

Options for submitting

1. **XML File.** See the XML Upload user guide for the steps on how to create an XML file.
2. **Data Entry**

XML Header Rows

The following text will appear at the beginning of each of your XML files for each of the FR 2004 series (SI/SD/WI). The text provided here can be copied into your XML file.

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!--Sample XML file generated by XMLSpy v2015 sp1 (x64) (http://www.altova.com)-->
```

```
<reportingFile xsi:noNamespaceSchemaLocation="RCInputXML-1.0-20160520.xsd"  
createTime="09:30:47+05:00" createDate="1957-08-13"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

How the XML File is Structured

Each XML file contains financial data for one reporting entity and as-of-date. The data in the file is organized into the following sections.

- Reporting File
 - Create date
 - Create time
- Report
 - Respondent Id
 - As Of Date
 - Series Id
- Item Data
 - Context used for data in a schedule
 - Value

XML structure or schema:

```
<?xml version="1.0" encoding="UTF-8"?>
<reportingFile xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" createDate="2016-05-20" createTime="09:30:47+05:00" xsi:noNamespaceSchemaLocation="RCInputXML-1.0-20160520.xsd">
  <report series="FR2004SI" asOfDate="2016-09-30" reporterId="12345">
    <!-- Cover Page items -->
    <itemData confidential="N" estimated="N" mdrm="MDRM1111"> <value>value for "MDRM1111" </value></itemData>

    <!-- Schedule items -->
    <itemData confidential="N" estimated="N" mdrm="MDRM1116"> <value>value for "MDRM1116" </value></itemData>
    <itemData confidential="N" estimated="N" mdrm="MDRM1117"> <value>value for "MDRM1117" </value></itemData>

  </report>
</reportingFile>
```

Reporting File is a wrapper that encapsulates all the data in the file; it must include the create date and time of the file.

Report is a wrapper that encapsulates all the data items; it must include attributes to identify the respondent Reporter Id, the report As of Date, and the report Series Id.

Item Data is a wrapper that encapsulates the report data values for the reporting entity and as of date.

Important: The upload xml file created can have any name but must have a .xml file extension as the file type.

XML Tags and Their Meanings

XML Tag/Attribute	Meaning/How Used
<pre><?xml version="1.0" encoding="UTF-8"?> <reportingFile xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" createDate="2016-05-20" createTime="09:30:47+05:00" xsi:noNamespaceSchemaLocation="RCInputXML- 1.0-20160520.xsd"></pre>	***NOTE*** The code in the first 3 lines of the file is to be implemented as is, do not change the dates or time. This information is used by Reporting Central to identify the XML schema used by the system. The RCInputXML-1.0-20160520.xsd is not necessary for the creation of the xml file and will not be provided since it is part of the Reporting Central submission system. We do not recommend opening the generated xml file with any third-party applications as those applications would not contain the framework and backend files on the Reporting Central system.
<pre><reportingFile> ... </reportingFile></pre>	A tag is used to encapsulate all the data in the file. Note all tags must have an opening and ending version.
<pre>xsi:noNamespaceSchemaLocation="RCInputXML- 1.0-20160520.xsd"</pre>	Attribute of the reportingFile tag which specifies the location of the Schema.
<pre>createTime="09:30:47+05:00"</pre>	Attribute of the reportingFile tag which specifies the time the file was created. For the createTime, use the value provided here.
<pre>createDate="2016-08-13"</pre>	Attribute of the reportingFile tag which specifies the date the file was created. For the createDate, use the value provided here.
<pre>xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance"</pre>	Attribute of the reportingFile tag which tells the schema-validator that all elements used in the XML file are declared in the "http://www.w3.org/2001/XMLSchema-instance" namespace.
<pre><report> ... </report></pre>	A tag used to identify the series name, the reporting entity and the as of date of the data. Note all tags must have an opening and ending version.
<pre>reporterId="12345"</pre>	Attribute of the report tag which specifies the respondent ID. Leading zeros of the respondent ID should not be included; therefore, this field does not have to be 10 digits unlike a text file format. Example: respondent ID 0000012345 is reported as 12345.
<pre>asOfDate="2016-09-30"</pre>	Attribute of the report tag which specifies the as of date of the report. YYYY-DD-MM format.
<pre>series="FR2004SI" series="FR2004SD" series="FR2004WI"</pre>	Attribute of the report tag which specifies the series name. Select the applicable FR 2004 series name, either FR2004SI, FR2004SD or FR2004WI
<pre><!-- Cover Page items --> <!-- Schedule items --></pre>	Optional reference item that the reporter can include in their file as reference points, for example to identify breaks between the Cover page and the Schedules. These do not need to be included in the XML file to submit. These can be named whatever the user wants to name them; those provided are just examples but they do have to be in the <!-- --> format.

XML Tag/Attribute	Meaning/How Used
<itemData> ... </itemData>	A tag used to encapsulate the item and its value from the report. Note all tags must have an opening and ending version.
confidential="N"	This series does not allow for confidentiality requests; however, the microdata is already considered confidential. The confidential tag for all rows should equal "N". Do not set this to "Y" as this provides no meaningful information to the report submission.
estimated="N"	This series does not allow for estimation for external filers. The estimated tag for all rows should equal "N". Do not set this to "Y" as this provides no meaningful information to the report submission. If you need to estimate your data please contact your Reserve Bank .
mdrm="MDRM9999"	Attribute of the itemData tag which identifies a specific item in the report. Attribute of the context tag which identifies a group of items in the report. Each item will have its own MDRM which are included in the Report Detailed Field Specifications below.
<value> ... </value>	A tag encapsulated within itemData tag and contains the value of the item. Note all tags must have an opening and ending version.
value="1"	Attribute of the context tag which identifies the order of in the item group.
<context> ... </context>	An options tag encapsulated within itemData tag used to identify the order of a variable list of items. Note all tags must have an opening and ending version.

Preparing the File Upload for the FR 2004SD

The FR 2004SD is comprised of both financial and text fields. To minimize issues arising during the creation of the Reporting Central XML file, it is strongly recommended that institutions follow the process described below.

Field Values

Financial data fields can have either positive, negative, or zero values.

Field Labels

The identifying label (cell identifier) for both financial and text data is the eight-character MDRM descriptor listed in the table below. The MDRMs and Cell Identifiers to identify individual report items in the file upload are the same for the FR 2004SI.

Field Character Limits

Standard financial data are reported in millions and allows entry of up to 14 digits, with no decimal places. For nonstandard financial limits and text item character limits, see the table below.

FR 2004SD Nonstandard Financial Items & Text Item Character Limits.

Item	Description				MDRM	Cell Identifier	Data Type	Length	Notes
1	Security		Maturity		GSSD1962	GSSD1962	Text	8	Reported in YYYYMMDD format. Three digits are required after the decimal.
			Rate		GSSD8801	GSSD8801	Numeric	4	
2	Cumulative Outright Transactions		With interdealer broker		GSSDM695	GSSDM695	Numeric	14	No negative values.
3			With Others		GSSDM696	GSSDM696	Numeric	14	No negative values.
4	Net Settled Position				GSSDM697	GSSDM697	Numeric	14	Negative values allowed.
5	Gross Financing	Securities In	Specific Transactions	ON/Open	GSSDM698	GSSDM698	Numeric	14	No negative values.
6				Term	GSSDM699	GSSDM699	Numeric	14	No negative values.
7			General	ON/Open	GSSDM700	GSSDM700	Numeric	14	No negative values.
8				Term	GSSDM701	GSSDM701	Numeric	14	No negative values.
9		Securities Out	Specific Transactions	ON/Open	GSSDM702	GSSDM702	Numeric	14	No negative values.
10				Term	GSSDM703	GSSDM703	Numeric	14	No negative values.
11			General	ON/Open	GSSDM704	GSSDM704	Numeric	14	No negative values.
12				Term	GSSDM705	GSSDM705	Numeric	14	No negative values.
13	Fails		to Receive		GSSDM706	GSSDM706	Numeric	14	No negative values.
14			to Deliver		GSSDM707	GSSDM707	Numeric	14	No negative values.
15	FRBNY Security ID				GSSDM694	GSSDM694	Numeric	3	See table below on how to report.

Line	FRBNY Sec ID	Security Type
1	2	2-year U.S. Treasury Note
2	3	3-year U.S. Treasury Note
3	5	5-year U.S. Treasury Note
4	7	7-year U.S. Treasury Note
5	10	10-year U.S. Treasury Note
6	20	20-year U.S. Treasury Bond
7	30	30-year U.S. Treasury Bond
8	55	5-year TIPS Note
9	60	10-year TIPS Note
10	80	30-year TIPS Bond
11	102	Treasury Floating Rate Notes

Preparing the File Upload for the FR 2004SI

The FR 2004SI is comprised of both financial and text fields. To minimize issues arising during the creation of the Reporting Central XML file, it is strongly recommended that institutions follow the process described below.

Field Values

Financial data fields can have either positive, negative, or zero values.

Field Labels

The identifying label (cell identifier) for both financial and text data is the eight-character MDRM descriptor listed in the table below. The MDRMs and Cell Identifiers to identify individual report items in the file upload are **different** for the FR 2004SI.

Field Character Limits

Standard financial data are reported in millions and allows entry of up to 14 digits, with no decimal places. For nonstandard financial limits and text item character limits, see the table below.

FR 2004SI Nonstandard Financial Items & Text Item Character Limits.

Item	Description				MDRM	Cell Identifier	Data Type	Length	Notes
1	Security		Maturity		GSSD1962	GSSI1962	Text	8	Reported in YYYYMMDD format.
Rate			GSSD8801	GSSI8801	Numeric	4	Three digits are required after the decimal.		
2	Cumulative Outright Transactions		With interdealer broker		GSSDM695	GSSIM695	Numeric	14	No negative values.
3			With Others		GSSDM696	GSSIM696	Numeric	14	Negative values allowed.
4	Net Settled Position				GSSDM697	GSSIM697	Numeric	14	No negative values.
5	Gross Financing	Securities In	Specific Transactions	ON/Open	GSSDM698	GSSIM698	Numeric	14	No negative values.
6				Term	GSSDM699	GSSIM699	Numeric	14	No negative values.
7			General	ON/Open	GSSDM700	GSSIM700	Numeric	14	No negative values.
8				Term	GSSDM701	GSSIM701	Numeric	14	No negative values.
9		Securities Out	Specific Transactions	ON/Open	GSSDM702	GSSIM702	Numeric	14	No negative values.
10				Term	GSSDM703	GSSIM703	Numeric	14	No negative values.
11			General	ON/Open	GSSDM704	GSSIM704	Numeric	14	No negative values.
12				Term	GSSDM705	GSSIM705	Numeric	14	No negative values.
13	Fails		to Receive		GSSDM706	GSSIM706	Numeric	14	No negative values.
14			to Deliver		GSSDM707	GSSIM707	Numeric	14	No negative values.
15	FRBNY Security ID				GSSDM694	GSSIM694	Numeric	3	See table below on how to report.

Line	FRBNY Sec ID	Security Type
1	2	2-year U.S. Treasury Note
2	3	3-year U.S. Treasury Note
3	5	5-year U.S. Treasury Note
4	7	7-year U.S. Treasury Note
5	10	10-year U.S. Treasury Note
6	20	20-year U.S. Treasury Bond
7	30	30-year U.S. Treasury Bond
8	55	5-year TIPS Note
9	60	10-year TIPS Note
10	80	30-year TIPS Bond
11	102	Treasury Floating Rate Notes

Preparing the File Upload for the FR 2004WI

The FR 2004WI is comprised of both financial and text fields. To minimize issues arising during the creation of the Reporting Central XML file, it is strongly recommended that institutions follow the process described below.

Field Values

Financial data fields can have either positive, negative, or zero values.

Field Labels

The identifying label (cell identifier) for both financial and text data is the eight-character MDRM descriptor listed in the table below. The MDRMs and Cell Identifiers to identify individual report items in the file upload are the same for the FR 2004WI.

Field Character Limits

Standard financial data are reported in millions and allows entry of up to 14 digits, with no decimal places. For nonstandard financial limits and text item character limits, see the below table.

FR 2004WI Nonstandard Financial Items & Text Item Character Limits.

Item	Description	MDRM	Cell Identifier	Data Type	Length	Notes
1	Security	GSWI1962	GSWI1962	Text	8	Reported in YYYYMMDD format.
		GSWI8801	GSWI8801	Numeric	4	Three digits are required after the decimal.
2	Net Outright Positions	GSWIM690	GSWIM690	Numeric	14	No negative values.
3	Net Forward Financing Commitments	GSWIM691	GSWIM691	Numeric	14	Negative values allowed.
4	Cumulative Outright Transactions	GSWIM692	GSWIM692	Numeric	14	No negative values.
5		GSWIM693	GSWIM694	Numeric	14	No negative values.
6	FRBNY Security ID	GSWIM694	GSWIM694	Numeric	3	See table below on how to report.

Line	FRBNY Sec ID	Security Type
1	2	2-year U.S. Treasury Note
2	3	3-year U.S. Treasury Note
3	5	5-year U.S. Treasury Note
4	7	7-year U.S. Treasury Note
5	10	10-year U.S. Treasury Note
6	20	20-year U.S. Treasury Bond
7	30	30-year U.S. Treasury Bond
8	55	5-year TIPS Note
9	60	10-year TIPS Note
10	80	30-year TIPS Bond
11	102	Treasury Floating Rate Notes