Nationwide Multistate Licensing System & Registry

MSB Call Reports

XML Specification

Release 2023.3

Change Log

Date	Description	Release
12/23/2016	Initial draft	2017.1
1/4/2017	Included sample with all MSBCR sections	2017.1
2/23/2017	Added a clarification about XML behavior on decimal fields.	2017.1
03/08/2017	Removed references to Sections A-C	2017.1
03/27/2017	• The system requires the user to manually input decimals within percentage fields. Removed the following statement from *Section 3.3 Upload Considerations*: For percentage fields entered without a decimal, XML will place the decimal before the last two digits Example, a value entered as "8445" will be input into the system as "84.45" • Updated XSD and sample XML files in *Section 5*. • Added an example for the "hundredth" datatype to *Section 4.5.2 Schema Validation Notes*: Example, for the "hundredth" datatype, at least one digit is required before the decimal, and exactly two digits are required after the decimal.	2017.1
07/07/2017	• Added rules around TD-A and TD-B list-based sections processing to *Section 4.6.2*. • Updated XSD and XML sample for Version 2 MSBCR • Added validation message #9 to *Section 4.5.1*.	2017.3
07/17/2017	• Updated XSD for Version 1 MSBCR (Table 7) • Removed Q4 as a valid value. • Removed TD-A and TD-B as valid sections. • Added a validation #10 - Table 5	2017.3
8/7/2017	• Updated release notes *Section 2.2*. • Record ID will no longer be used as the key to update data via XML upload. Updated *Section 4.6.2*	2017.3
12/1/2022	• Updated release notes. • Updated list of Form Versions • Adding missing information for TD-A and TD-B components	2023.3

1   Overview

As of Release 2017.1, companies have the ability to create, manage, and submit Money Services Business Call Reports (MSBCR) within NMLS through submission of an MSBCR filing. An MSBCR filing can be created and maintained manually within NMLS or through an upload of an XML file to NMLS.

The upload feature will allow companies to streamline the filing process for MSB Call Reports by extracting information from their own internal systems and providing it to NMLS. An XML upload may be used in order to create an initial MSBCR filing, change information on a pending MSBCR filing or amend information on a previously-submitted MSBCR filing.

This document provides the specification for the XML file in support of creating and updating an MSBCR filing. Note that this document is not intended to provide an overview of MSB Call Report requirements. For detailed information for MSB Call Reports, including an explanation of each field, please refer to the NMLS Resource Center.

Audience

1.1

This document is intended to be used by technical staff responsible for building the XML file for an MSB Call Report. It is expected that readers of this document have existing knowledge of XML.

Contact Information / Technical Issues

1.2

For questions or issues using the upload feature within NMLS, contact either the NMLS Call Center or your Account Administrator. The NMLS Call Center will not provide support for creating or troubleshooting XML files

1.3

Prerequisites for Creating and Submitting MSBCR Filings

A company must have an MSB license in NMLS in order to upload an XML file for an MSB Call Report. The user attempting to upload the file must have an NMLS user account with the appropriate MSBCR role. To determine if your account has the appropriate role to perform XML file uploads for MSB Call Reports, contact your Account Administrator.

2.1

2   Release Notes

2.2

Release 2017.1

2.3

1. New version

Release 2017.3

1. Added TD-A and TD-B sections.

Release 2023.3

1. Field changes to the Virtual Current sections of ST and TA components.

3   Upload File Process

Using the Upload Process for Filing MSBCRs

An XML file can be uploaded to create or amend an MSBCR filing as described below:

3.1

Table 1 – Creating and Amending via Uploads

Company needs to…	Performed when….	NMLS Action
Upload a new MSBCR Filing	An MSBCR filing does not exist (in any status) for the Company for the Reporting Period.	NMLS will create a new MSBCR filing and any FC, TA, ST and PI components contained in the XML. In addition, NMLS will create any missing, but required components automatically when creating an MSBCR filing for a quarterly period type (Q1, Q2, Q3 or Q4).
Add one or more components to a pending MSBCR filing	A pending MSBCR filing exists (Filing Status = Pending Initial or Pending Amendment) and the company wishes to add another component through an upload file. For instance, the company needs to add an ST for a state that is not currently represented in the MSBCR filing. No other changes are being reported to existing components,	NMLS will add the MSBCR component to the MSBCR filing corresponding to the same reporting period without altering the data in any existing component.
Edit one or more components of a pending MSBCR filing	A pending MSBCR filing exists (Filing Status = Pending Initial or Pending Amendment) for the Reporting Period and the company wishes to update some or all of the data.	NMLS will update the pending filing with the information provided in the XML. Any data elements not included in the XML file will be carried forward from the pending MSBCR filing. Any data elements included in the XML file without a value will be treated as an indication to clear the corresponding value in the pending MSBCR filing.
Amend one or more components of a processed MSBCR filing	An MSBCR filing exists in a Processed status for the Reporting Period to be edited.	NMLS will create a pending amendment to the processed MSBCR filing from the data elements provided in the XML file. Any data elements not present in the XML file will be carried forward from the processed MSBCR filing. Any data elements included in the XML file without a value will be treated as an indication to clear the corresponding value in the pending MSBCR filing.

3.2

The Upload Process (Step By Step)

The following steps outline the process of uploading an XML file to NMLS in order to initiate creation of an MSBCR filing. For additional information on using the Upload feature in NMLS, please refer to the NMLS Resource Center.

1. Construct an XML file conforming to the required schema (.XSD file) for the MSBCR and Form Version. For each Form Version there will be separate schema for MSBCRs. See section **4.1 Form Versions** below for more information on Form Versions and selecting the correct XSD.

2. From the Upload MSBCR Filing page in NMLS, locate your XML file and choose the upload button.

3. Wait for NMLS to immediately perform Level 1 validations (see
4. **Table 5 – Validation Rules and Messages**

#	Form Version	Rule	Validation Level	Message
1	All	The file name must have an ".xml" extension.	1	FILE NOT UPLOADED - The file must be in XML format with an .xml file extension.
2	All	The length of the file name (including the extension) must not be over 50 characters.	1	FILE NOT UPLOADED - The file name must not exceed 50 characters.
3	All	The size of the file must not be greater than 8 MB.	1	FILE NOT UPLOADED - The file exceeds 8 MB size limit.
4	All	All XML schema validations must pass. Note that for each Form Version there are separate schema files (.XSD). See section **4.5.2 Schema Validation Notes** in this document for more information.	1	FILE NOT UPLOADED - Your file does not conform to a valid MSBCR filing schema. Please check your file against the MSBCR XML Specification available on the NMLS Resource Center.
5	All	There must not already be an upload for the company with the same year ($year$), period type ($periodType$) with a status of 'New', "Split Processed', 'Processing', or "Failed Processing".	1	FILE NOT UPLOADED – There is an MSBCR Upload file in an Upload Pending status for the Year, Period Type indicated in this file.
6	All	The upload must include at least one component required: At least contain one FC, TA, ST or PI component.	1	FILE NOT UPLOADED - The upload must include at least one section required for the Period Type.
7	All	Year must be a year corresponding to the last 8 calendar quarters.	1	You cannot create an MSBCR filing for a period more than 24 months ago.
8	All	The file must contain "well-formed" XML.	1	FILE NOT UPLOADED - The file must contain well-formed XML.
9	All	The file contains null or hexadecimal characters	1	FILE NOT UPLOADED - The file contains null or hexadecimal characters. -<List of instances of bad characters>-
10	All	The TD-A or TD-B section is only permitted on a Q4 filing	1	FILE NOT UPLOADED - The upload cannot include a TD-A or TD-B section for the period that was indicated
11	All	The upload can only contain one ST component per state.	2	The upload ~must contain only one ST component per state.
12	V2, V3	The country code entered on the TD-A component (<TDA> tag) is invalid. See **Appendix: Valid Country Codes** below.	2	The country code entered on the TD-A section (<value entered>) is invalid.
13	V2, V3	The country code entered on the TD-B component (<TDB> tag) is invalid. See **Appendix: Valid Country Codes** below.	2	The country code entered on the TD-B section (<value entered>) is invalid.

    5.   below in **4.5 Upload Validations** section) against the XML file. If any Level 1 validations fail, the relevant message is displayed and the file is not uploaded.

- The system will normally only display the first level 1 validation encountered since most failures prevent further validation.
- If the file is not schema-compliant, the upload will fail but the message will not describe the exact schema error.

6. If your file passes Level 1 validations, it will be queued for Level 2 validations (see
7. **Table 5 – Validation Rules and Messages**

#	Form Version	Rule	Validation Level	Message
1	All	The file name must have an ".xml" extension.	1	FILE NOT UPLOADED - The file must be in XML format with an .xml file extension.
2	All	The length of the file name (including the extension) must not be over 50 characters.	1	FILE NOT UPLOADED - The file name must not exceed 50 characters.
3	All	The size of the file must not be greater than 8 MB.	1	FILE NOT UPLOADED - The file exceeds 8 MB size limit.
4	All	All XML schema validations must pass. Note that for each Form Version there are separate schema files (.XSD). See section **4.5.2 Schema Validation Notes** in this document for more information.	1	FILE NOT UPLOADED - Your file does not conform to a valid MSBCR filing schema. Please check your file against the MSBCR XML Specification available on the NMLS Resource Center.
5	All	There must not already be an upload for the company with the same year (`year`), period type (`periodType`) with a status of 'New', "Split Processed', 'Processing', or "Failed Processing".	1	FILE NOT UPLOADED – There is an MSBCR Upload file in an Upload Pending status for the Year, Period Type indicated in this file.
6	All	The upload must include at least one component required: At least contain one FC, TA, ST or PI component.	1	FILE NOT UPLOADED - The upload must include at least one section required for the Period Type.
7	All	Year must be a year corresponding to the last 8 calendar quarters.	1	You cannot create an MSBCR filing for a period more than 24 months ago.
8	All	The file must contain "well-formed" XML.	1	FILE NOT UPLOADED - The file must contain well-formed XML.
9	All	The file contains null or hexadecimal characters	1	FILE NOT UPLOADED - The file contains null or hexadecimal characters. -<List of instances of bad characters>-
10	All	The TD-A or TD-B section is only permitted on a Q4 filing	1	FILE NOT UPLOADED - The upload cannot include a TD-A or TD-B section for the period that was indicated
11	All	The upload can only contain one ST component per state.	2	The upload ~must contain only one ST component per state.
12	V2, V3	The country code entered on the TD-A component (<TDA> tag) is invalid. See **Appendix: Valid Country Codes** below.	2	The country code entered on the TD-A section (<value entered>) is invalid.
13	V2, V3	The country code entered on the TD-B component (<TDB> tag) is invalid. See **Appendix: Valid Country Codes** below.	2	The country code entered on the TD-B section (<value entered>) is invalid.

8. below in **4.5 Upload Validations** section) and displayed on the MSBCR Upload File History page with a status of "Upload Pending".

- Level 2 validations generally occur within a few minutes. You can refresh the MSBCR Upload File History page to watch for the status to be updated.
- If any of the Level 2 validations fail, the file is given a status of "Invalid" and a link is provided to view the error messages.

9. If the file passes Level 2 validations, the following actions are taken based on current MSBCR filings:
   - If you currently do not have any MSBCR filing (regardless of status) that matches the Year, Period Type of your upload file, NMLS:
     i. Creates a new MSBCR filing with a status of "Pending – Initial".
     ii. Adds all the data from your upload to the MSBCR filing.
   - If you currently have an MSBCR filing in a status of "Pending-Initial" or "Pending-Amendment" that matches the Year, Period Type of your upload file, NMLS merges the data from the upload file with the data currently in the MSBCR filing according to the rule in the **4.6 Merging Rules** section.
   - If you currently have an MSBCR filing in a "Filing Processed" status that matches the Year, Period Type of your upload file, NMLS creates a revision of the processed MSBCR filing, sets the status to "Pending-Amendment" and merges the data from the upload file with the data currently in the filing according to the **4.6 Merging Rules**.

IMPORTANT: the upload process will not submit your MSBCR filing. You must manually run completeness checks against each component and submit the filing in NMLS.

3.3   Upload Considerations

When attempting to upload an XML file, the following should be considered:

1. XML files may only be uploaded during system hours. Visit the NMLS Resource Center for Hours of Operation.
2. XML files will be processed in near real-time; except during periods of peak system usage, when processing of uploaded files may be delayed.
3. While an upload is queued and before it has completed processing you will not be able to perform the following actions on an MSBCR filing that matches the Year, Period Type of the upload:
   a. Delete the MSBCR filing
   b. Delete any component in the MSBCR filing
   c. Submit the MSBCR filing
   d. Upload another file for the same Year, Period Type of the pending upload
4. An XML file may contain data for only one Reporting Period.
5. The system requires the user to manually input decimals within percentage fields where previously it had automatically input the decimal before the final two digits of each entry.

4   MSBCR Upload File Validation and Structure

This section describes the rules for constructing a valid MSBCR Upload file. This includes both business rules and data schema rules.

Form Versions

Over time it becomes necessary to add/delete/change fields in the MSBCR form components. Such changes are part of an NMLS release and require the introduction of a new MSBCR Form Version. This also necessitates a new Schema file for validating your XML upload file in the new form version.   The Form Version of the MSBCR form is set as the most recent Form Version active in NMLS when the MSBCR form is initially created, regardless of the Reporting Period. Any MSBCR form which is pending submission when a new Form Version is released or which is amended after a new Form Version is released will retain the original Form Version. To understand further impacts of Form Versioning on XML Schema validations see section **4.3 XML Schema Validation**.

4.1

Selecting the Correct Form Version

Refer to section **5 Associated Files** to determine the exact XSD schema file and FormVersion to use.

Table 2 - Selecting the Correct Form Version for your Schema

4.1.1

Action	Form Version
I am creating a new MSBCR filing. An MSBCR has never been submitted for this Reporting Period and there is no pending MSBCR for this Reporting Period.	Use the most current Form Version of the MSBCR.
I am updating a pending MSBCR that has never been submitted but was created before the Form Version change.	Use the Form Version that was originally used when the MSBCR filing was created.
I am revising a previously-submitted MSBCR filing.	Use the Form Version that was originally used for that MSBCR filing. The Form Version of a submitted MSBCR filing is displayed on the View MSBCR Sections <pending text document implementation> page in the company's composite record in NMLS.

The following table contains a summary of MSBCR Form Version changes:

Table 3 – Form Version Changes

Release	Date of Release	Form Version
Release 2017.1	March 2017	v1
Release 2017.3	July 2017	v2
Release 2023.1	April 2023	v3

4.2

MSBCR Filing Structure and Requirements

An MSBCR is comprised of one or more components, including a Financial Condition component (FC) and/or a Transactions - Company wide (TA) component, one or more Transactions State-Specific (ST) and a Permissible Investments (PI) component. The FC is comprised of the filing entity's financial data at a MU1 level. An ST is the component of the MSBCR that gathers information regarding the filing entity's transactional activity at a state level. Each ST includes data for a specific state. A single TA component must always be present, regardless of whether an ST component is required to be filed by the entity. The TA is not state specific but captures information that is applicable across all states.

4.3

XML Schema Validation

Your XML file must conform to the XSD schema associated with the Form Version of the MSBCR. Much of the validation of the upload file occurs as part of XML schema validation. There are numerous tools available for users to run their own schema validation on upload files before attempting to upload. Those tools will provide user with specific messages on what schema restrictions have failed. NMLS will not provide these

specific messages. A file which does not conform to the correct schema definition for the filing will fail validation rule #4 in **Table 6 – Validation Rules and Messages** below (see Upload Validations section).

Note that each Form Version has its own schema definitions and any upload must conform to the correct schema for the Form Version. An upload with the wrong Form Version information in the MSBCR Header tag (see **Table 4 – Filing Metadata and Allowed Values**) with cause error #13 in **Table 6 – Validation Rules and Messages** below. An upload which contains fields that pertain to the wrong Form Version (where the header tag is otherwise correct) will cause the Schema validation error #4 in **Table 5 – Validation Rules and Messages** below.

Filing Metadata and Allowed Values

The XML file may contain full or partial data for an MSB Call Report. The XML file must include the following metadata (header) information:

4.4•   The MSBCR header data element as shown in these examples:

MSBCR Description	MSBCR Header Tag
MSBCR for 2023 Calendar Quarter 1	`<MSBCR year="2023" periodType="MSBCRQ1" formVersion="v3">`

- At least one component (FC, TA, ST or PI) header data element as shown in the following examples:

Component Type	Applicable Form Versions	Component Header Tag
FC	All form versions	`<Msbcrfc>`
TA	All form versions	`<Msbcrta>`
ST	All form versions	`<Msbcrst stateCode="RI">`
PI	All form versions	`<Msbcrpi>`
TD-A	V2, V3	`<Msbcrtda>`
TD-B	V2, V3	`<Msbcrtdb stateCode="RI">`

The following table describes the allowed values for these data elements. Please see the schema and XML examples associated with this document for the exact specification of the XML structure.

Table 4 – Filing Metadata and Allowed Values

Tag	Attribute	Applicable Form Versions	Definition	Allowable Values
MSBCR	year*	All form versions	The year for which the MSBCR filing applies.	Any 4-digit year for which an MSBCR filing may be submitted.
MSBCRFILING	periodType*	All form versions	The period type for the MSBCR filing. This must be a calendar quarter.	<table><tr><td>Description</td><td>Value</td></tr><tr><td>Calendar Quarter 1</td><td>MSBQ1</td></tr></table>

Tag	Attribute	Applicable Form Versions	Definition	Allowable Values	
				Calendar Quarter 2	MSBQ2
				Calendar Quarter 3	MSBQ3
				Calendar Quarter 4	MSBQ4
MSBCRFILING	formVersion	All form versions	The form version of the filing.	**Form Version** | **Value** v1 | v1	
<Msbcrfc>		All form versions	The header tag for a Financial Condition component. There are no attributes for this tag.	N/A	
<Msbcrta>		All form versions	The header tag for a TA. There are no attributes for this tag.	N/A	
<Msbcrst>	stateCode	All form versions	The ST represents data for a state.	The two-letter postal code abbreviation corresponding to the state/territory.	
<Msbcrpi>		All form versions	The header tag for a Permissible Investments component. There are no attributes for this tag.	N/A	
<Msbcrtda>		v2, v3			
<Msbcrtdb>	stateCode	v2, v3		The two-letter postal code abbreviation corresponding to the state/territory.	

*Data that together defines the Reporting Period.

Upload Validations

Two types of validations will be conducted on XML files:

1. Schema and metadata validation (Level 1) to ensure that the upload file matches the expected file format. Level 1 validations are run when the file is first uploaded and the file will only upload if all Level 1
4.5.1 validations pass.
2. Data content validation (Level 2) to ensure that the upload file represents an appropriate type of MSB Call Report for the company. Level 2 validations are run after the file is successfully uploaded. If the file fails a Level 2 upload the status is set to "Invalid" and the data is not merged into a filing.

Validation Rules and Messages
Table 5 – Validation Rules and Messages

#	Form Version	Rule	Validation Level	Message
1	All	The file name must have an ".xml" extension.	1	FILE NOT UPLOADED - The file must be in XML format with an .xml file extension.
2	All	The length of the file name (including the extension) must not be over 50 characters.	1	FILE NOT UPLOADED - The file name must not exceed 50 characters.
3	All	The size of the file must not be greater than 8 MB.	1	FILE NOT UPLOADED - The file exceeds 8 MB size limit.
4	All	All XML schema validations must pass. Note that for each Form Version there are separate schema files (.XSD). See section **4.5.2 Schema Validation Notes** in this document for more information.	1	FILE NOT UPLOADED - Your file does not conform to a valid MSBCR filing schema. Please check your file against the [MSBCR XML Specification] available on the NMLS Resource Center.
5	All	There must not already be an upload for the company with the same year (year), period type (periodType) with a status of 'New', "Split Processed', 'Processing', or "Failed Processing".	1	FILE NOT UPLOADED – There is an MSBCR Upload file in an Upload Pending status for the Year, Period Type indicated in this file.
6	All	The upload must include at least one component required: At least contain one FC, TA, ST or PI component.	1	FILE NOT UPLOADED - The upload must include at least one section required for the Period Type.
7	All	Year must be a year corresponding to the last 8 calendar quarters.	1	You cannot create an MSBCR filing for a period more than 24 months ago.
8	All	The file must contain "well-formed" XML.	1	FILE NOT UPLOADED - The file must contain well-formed XML.
9	All	The file contains null or hexadecimal characters	1	FILE NOT UPLOADED - The file contains null or hexadecimal characters. -<List of instances of bad characters>-
10	All	The TD-A or TD-B section is only permitted on a Q4 filing	1	FILE NOT UPLOADED - The upload cannot include a TD-A or TD-B section for the period that was indicated
11	All	The upload can only contain one ST component per state.	2	The upload ~must contain only one ST component per state.
12	V2, V3	The country code entered on the TD-A component (<TDA> tag) is invalid. See **Appendix: Valid Country Codes** below.	2	The country code entered on the TD-A section (<value entered>) is invalid.
13	V2, V3	The country code entered on the TD-B component (<TDB> tag) is invalid. See **Appendix: Valid Country Codes** below.	2	The country code entered on the TD-B section (<value entered>) is invalid.

If all conditions have been met, the MSBCR filing will be created (or amended) based on data provided in the XML file. If any condition fails, the user must upload a new XML file that satisfies all conditions.

Schema Validation Notes

Users should use the associated XSD files to understand the data requirements and ensure that their files pass this validation. The following notes are not intended to be comprehensive but should be helpful in understanding common schema validation failures.

4.5.2

1. Any elements included in the upload that are not defined in the schema will cause the file to fail schema validation (#4). This includes elements from the wrong Form Version.
2. Empty numeric elements (e.g. `<FC010></FC010>`) will cause a schema validation failure. Empty string elements will be accepted and will cause any data in the corresponding filing to be nulled out.
3. The Form Version of the upload must match the Form Version required by the MSBCR Filing.
4. Most of the fields within the filing are restricted by custom data types. These data types are defined at the end of the XSD files and define such things as number of digits allowed before and after the decimal, minimum values, string length, allowed value lists, etc.
   Example, for the "hundredth" datatype, at least one digit is required before the decimal, and exactly two digits are required after the decimal.
5. Note that all container nodes include the `<xs:sequence>` element which specifies that **the child elements must appear in the sequence specified in the XSD**.
6. The Validation # value in **Table 6** is for reference only and does not signify the order in which validations are performed. Understanding the following sequence of Level 1 Validation steps, however, may help in your debugging efforts. In each case processing stops upon the first validation failure reached:

Table 6 – Validation Sequence

Sequence	Validation #s	System Processing
1	1, 2, 3	The system examines the file's properties and determines whether it should attempt to load the file.
2	8	The system attempts to load the file as XML. If it does not contain well-formed XML processing ends and the validation message is displayed. The problem with the file could be anything from a file containing binary data to an XML file missing an end tag.
3	4	The system validates the XML schema against the proper XSD.
5	*	The system performs the remaining Level 1 validations.

4.6

Merging Rules

4.6.1

Merging refers to the process of NMLS updating an existing MSBCR filing with data from a new upload file. The rules used to merge data are explained further in this section.

Non List Data

The following rules are used to merge data from an upload file with an existing MSBCR filing in the system:

1. Data elements within the existing filing that don't have a matching data element in the upload remain unchanged.
2. Data elements in the XML upload which are valid for the filing and form type but do not exist in the current filing are inserted into the filing.
3. Data elements in the XML upload which match data elements within the existing filing replace the data within the filing.
4. Data is replaced at the lowest level in the XML path. Only "leaf" nodes are affected.

#	Existing Filing Data	Upload Data	Merge Result

1, 2	`<Assets>`
	`    <FC10>1234</FC10>`
	`    <FC20>43</FC20>`
	`</Assets>`
		`<Assets>`
		`  <FC140>4321</FC140>`
		`  <FC150>232</FC150>`
		`<Assets>`
			`<Assets>`
			`  <FC10>1234</FC10>`
			`  <FC20>43</FC20>`
			`  <FC140>4321</FC140>`
			`  <FC150>232</FC150>`
			`</Assets>`

3	`<Assets>`
	`    <FC10>0</FC10>`
	`    <FC20>0</FC20>`
	`</Assets>`
		`<Assets>`
		`  <FC10>123</FC10>`
		`</Assets>`
			`<Assets>`
			`  <FC10>123</FC10>`
			`  <FC20>0</FC20>`
			`</Assets>`

4	`<Assets>`
	`    <FC10>1234</FC10>`
	`    <FC20>43</FC20>`
	`</Assets>`
		`<Assets>`
		`</Assets>`
			`<Assets>`
			`  <FC10>1234</FC10>`
			`  <FC20>43</FC20>`
			`</Assets>`
			Note that the empty section on upload does not affect the filing data. Only leaf notes are compared.

List Data

The following sections contains list data:

4.6.2

Component	Section	Heading
TD-A	Transactions Destination - Company-wide	Transactions Destination - Company-wide
TD-B	State Transactions Destination	State Transactions Destination

The system merges upload data in these sections based on matching the country code as the unique identifier. Records where the country code matches will have the count and amount values overwritten.

5 Appendix: Valid Country Codes

Country Code	Name
AF	Afghanistan
AX	Aland Islands
AL	Albania
DZ	Algeria
AS	American Samoa
AD	Andorra
AO	Angola
AI	Anguilla
AQ	Antarctica
AG	Antigua and Barbuda
AR	Argentina
AM	Armenia
AW	Aruba
AU	Australia
AT	Austria
AZ	Azerbaijan
BS	Bahamas (the)
BH	Bahrain
BD	Bangladesh
BB	Barbados
BY	Belarus
BE	Belgium
BZ	Belize
BJ	Benin

Revision Date: 12/1/2022

BM	Bermuda
BT	Bhutan
BO	Bolivia (Plurinational State of)
BQ	Bonaire, Sint Eustatius and Saba
BA	Bosnia and Herzegovina
BW	Botswana
BV	Bouvet Island
BR	Brazil
IO	British Indian Ocean Territory (the)
BN	Brunei Darussalam
BG	Bulgaria
BF	Burkina Faso
BI	Burundi
CV	Cabo Verde
KH	Cambodia
CM	Cameroon
CA	Canada
KY	Cayman Islands (the)
CF	Central African Republic (the)
TD	Chad
CL	Chile
CN	China
CX	Christmas Island
CC	Cocos (Keeling) Islands (the)
CO	Colombia
KM	Comoros (the)
CD	Congo (the Democratic Republic of the)
CG	Congo (the)
CK	Cook Islands (the)
CR	Costa Rica
CI	Cote d'Ivoire
HR	Croatia
CU	Cuba
CW	Curacao
CY	Cyprus
CZ	Czechia
DK	Denmark
DJ	Djibouti
DM	Dominica
DO	Dominican Republic (the)
EC	Ecuador
EG	Egypt
SV	El Salvador
GQ	Equatorial Guinea
ER	Eritrea
EE	Estonia
SZ	Eswatini
ET	Ethiopia
FK	Falkland Islands (the) [Malvinas]
FO	Faroe Islands (the)
FJ	Fiji
FI	Finland
FR	France
GF	French Guiana
PF	French Polynesia

TF	French Southern Territories (the)
GA	Gabon
GM	Gambia (the)
GE	Georgia
DE	Germany
GH	Ghana
GI	Gibraltar
GR	Greece
GL	Greenland
GD	Grenada
GP	Guadeloupe
GU	Guam
GT	Guatemala
GG	Guernsey
GN	Guinea
GW	Guinea-Bissau
GY	Guyana
HT	Haiti
HM	Heard Island and McDonald Islands
VA	Holy See (the)
HN	Honduras
HK	Hong Kong
HU	Hungary
IS	Iceland
IN	India
ID	Indonesia
IR	Iran (Islamic Republic of)
IQ	Iraq
IE	Ireland
IM	Isle of Man
IL	Israel
IT	Italy
JM	Jamaica
JP	Japan
JE	Jersey
JO	Jordan
KZ	Kazakhstan
KE	Kenya
KI	Kiribati
KP	Korea (the Democratic People's Republic of)
KR	Korea (the Republic of)
KW	Kuwait
KG	Kyrgyzstan
LA	Lao People's Democratic Republic (the)
LV	Latvia
LB	Lebanon
LS	Lesotho
LR	Liberia
LY	Libya
LI	Liechtenstein
LT	Lithuania
LU	Luxembourg
MO	Macao
MG	Madagascar
MW	Malawi

MY	Malaysia
MV	Maldives
ML	Mali
MT	Malta
MH	Marshall Islands (the)
MQ	Martinique
MR	Mauritania
MU	Mauritius
YT	Mayotte
MX	Mexico
FM	Micronesia (Federated States of)
MD	Moldova (the Republic of)
MC	Monaco
MN	Mongolia
ME	Montenegro
MS	Montserrat
MA	Morocco
MZ	Mozambique
MM	Myanmar
NA	Namibia
NR	Nauru
NP	Nepal
NL	Netherlands (the)
NC	New Caledonia
NZ	New Zealand
NI	Nicaragua
NE	Niger (the)
NG	Nigeria
NU	Niue
NF	Norfolk Island
MK	North Macedonia
MP	Northern Mariana Islands (the)
NO	Norway
OM	Oman
PK	Pakistan
PW	Palau
PS	Palestine, State of
PA	Panama
PG	Papua New Guinea
PY	Paraguay
PE	Peru
PH	Philippines (the)
PN	Pitcairn
PL	Poland
PT	Portugal
PR	Puerto Rico
QA	Qatar
RE	Reunion
RO	Romania
RU	Russian Federation (the)
RW	Rwanda
BL	Saint Barthelemy
SH	Saint Helena, Ascension and Tristan da Cunha
KN	Saint Kitts and Nevis
LC	Saint Lucia

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MF	Saint Martin (French part)
PM	Saint Pierre and Miquelon
VC	Saint Vincent and the Grenadines
WS	Samoa
SM	San Marino
ST	Sao Tome and Principe
SA	Saudi Arabia
SN	Senegal
RS	Serbia
SC	Seychelles
SL	Sierra Leone
SG	Singapore
SX	Sint Maarten (Dutch part)
SK	Slovakia
SI	Slovenia
SB	Solomon Islands
SO	Somalia
ZA	South Africa
GS	South Georgia and the South Sandwich Islands
SS	South Sudan
ES	Spain
LK	Sri Lanka
SD	Sudan (the)
SR	Suriname
SJ	Svalbard and Jan Mayen
SE	Sweden
CH	Switzerland
SY	Syrian Arab Republic (the)
TW	Taiwan (Province of China)
TJ	Tajikistan
TZ	Tanzania, the United Republic of
TH	Thailand
TL	Timor-Leste
TG	Togo
TK	Tokelau
TO	Tonga
TT	Trinidad and Tobago
TN	Tunisia
TR	Turkey
TM	Turkmenistan
TC	Turks and Caicos Islands (the)
TV	Tuvalu
UG	Uganda
UA	Ukraine
AE	United Arab Emirates (the)
GB	United Kingdom of Great Britain and Northern Ireland (the)
UM	United States Minor Outlying Islands (the)
UY	Uruguay
UZ	Uzbekistan
VU	Vanuatu
VE	Venezuela (Bolivarian Republic of)
VN	Viet Nam
VG	Virgin Islands (British)
VI	Virgin Islands (U.S.)

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WF	Wallis and Futuna
EH	Western Sahara*
YE	Yemen
ZM	Zambia
ZW	Zimbabwe