

Oracle® Financial Services

On-Premise to SaaS Migration Guide



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About This Guide

Reference guide to Migrate Metadata and data Definitions, from On-Premise to SaaS Setup.

Audience

This guide is intended for administrators and implementation consultants performing On-Premise to SaaS migration.

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Related Resources

See these Oracle resources:

- [OFSAA End User documentation \(8.0.x and 8.1.x versions\)](#)
- [OFSAA Licensing User Manual, Release 8.1.2.0.0](#)
- [OFS Analytical Applications 8.1.2.0.0 Technology Matrix](#)

Conventions

The following text conventions are used in this document.

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1.1 Introduction

Introduction to On-Premise to SaaS migration

You can migrate data and metadata from a Source on-premise instance to a Target Profitability and Balance Sheet Management Cloud Service.

This migration comprises :

- [Metadata Migration](#) - to migrate the supported metadata (Configuration, Rules and Processes).
- [Data Migration](#) - to Migrate Data from Supported tables.

1.1.1 Supported Applications

List of Supported Applications

Currently, this migration utility supports Oracle Financial Services Profitability Management and Funds Transfer Pricing.

In future, Oracle will support Oracle Financial Services Asset Liability Management.

1.1.2 Supported Data Tables

List of Supported Data Tables

Table Supported Data Tables

Table Type	Source Name	Target Table Name
Instrument	FSI_D_BORROWINGS	FSI_D_LIABILITY
Instrument	FSI_D_LOAN_CONTRACTS	FSI_D_ASSET
Instrument	FSI_D_OTHER_SERVICES	FSI_D_FEE_BASED_SERVICE
Instrument	FSI_D_TERM_DEPOSITS	FSI_D_LIABILITY
Instrument	FSI_D_TRUSTS	FSI_D_FEE_BASED_SERVICE
Instrument	FSI_D_INVESTMENTS	FSI_D_ASSET
Instrument	FSI_D_MUTUAL_FUNDS	FSI_D_FEE_BASED_SERVICE
Instrument	FSI_D_ANNUITY_CONTRACTS	FSI_D_LIABILITY
Instrument	FSI_D_CREDIT_CARDS	FSI_D_ASSET
Instrument	FSI_D_MM_CONTRACTS	FSI_D_ASSET
Instrument	FSI_D_ASSET_BACK_SEC	FSI_D_ASSET
Instrument	FSI_D_CREDIT_LINES	FSI_D_ASSET
Instrument	FSI_D_LEDGER_STAT_INSTRUMENT	FSI_D_LEDGER_INSTRUMENT
Instrument	FSI_D_MORTGAGES	FSI_D_ASSET
Instrument	FSI_D_RETIREMENT_ACCOUNTS	FSI_D_LIABILITY
Instrument	FSI_D_GUARANTEES	FSI_D_OFF_BALANCE_SHEET
Instrument	FSI_D_MERCHANT_CARDS	FSI_D_FEE_BASED_SERVICE
Instrument	FSI_D_ACCOUNT_RATE_TIERS	FSI_D_ACCOUNT_RATE_TIERS

Table (Cont.) Supported Data Tables

Table Type	Source Name	Target Table Name
Instrument	FSI_D_BREAK_FUNDING_CHARGES	FSI_D_BREAK_FUNDING_CHARGES
Instrument	FSI_D_LEASES	FSI_D_ASSET
Transaction Profitability	FSI_D_OTHER_SERVICES_TXNS	FSI_D_FEE_BASED_SERVICE_TXNS
Transaction Profitability	FSI_D_MERCHANT_CARDS_TXNS	FSI_D_FEE_BASED_SERVICE_TXNS
Transaction Profitability	FSI_D_MUTUAL_FUNDS_TXNS	FSI_D_FEE_BASED_SERVICE_TXNS
Transaction Profitability	FSI_D_RETIREMENT_ACCTS_TXNS	FSI_D LIABILITY_TXNS
Transaction Profitability	FSI_D_INVESTMENTS_TXNS	FSI_D_ASSET_TXNS
Transaction Profitability	FSI_D_BORROWINGS_TXNS	FSI_D LIABILITY_TXNS
Transaction Profitability	FSI_D_GUARANTEES_TXNS	FSI_D_OFF_BALANCE_SHEET_TXNS
Transaction Profitability	FSI_D_LEASES_TXNS	FSI_D_ASSET_TXNS
Transaction Profitability	FSI_D_ANNUITY_TXNS	FSI_D LIABILITY_TXNS
Transaction Profitability	FSI_D_MORTGAGES_TXNS	FSI_D_ASSET_TXNS
Transaction Profitability	FSI_D_CASA_TXNS	FSI_D LIABILITY_TXNS
Transaction Profitability	FSI_D_LOAN_CONTRACTS_TXNS	FSI_D_ASSET_TXNS
Transaction Profitability	FSI_D_MORTGAGE_BACK_SEC_TXNS	FSI_D_ASSET_TXNS
Transaction Profitability	FSI_D_TRUSTS_TXNS	FSI_D_FEE_BASED_SERVICE_TXNS
Transaction Profitability	FSI_D_TERM_DEPOSITS_TXNS	FSI_D LIABILITY_TXNS
Transaction Profitability	FSI_D_CREDIT_LINES_TXNS	FSI_D_ASSET_TXNS
Transaction Profitability	FSI_D_CREDIT_CARDS_TXNS	FSI_D_ASSET_TXNS
Transaction Profitability	FSI_D_MM_CONTRACTS_TXNS	FSI_D_ASSET_TXNS
Derivative Instruments	FSI_D_FORWARD_RATE_AGMTS	FSI_D_DERIVATIVE
Derivative Instruments	FSI_D_FX_SWAPS	FSI_D_DERIVATIVE
Derivative Instruments	FSI_D_SWAPS	FSI_D_DERIVATIVE
Derivative Instruments	FSI_D_FUTURES	FSI_D_DERIVATIVE
Derivative Instruments	FSI_D_CAPFLOORS	FSI_D_DERIVATIVE
Derivative Instruments	FSI_D_FX_CONTRACTS	FSI_D_DERIVATIVE
Rate Card Products	FSI_D_PM_GENERATED_INSTRMTS	FSI_D_PM_GENERATED_INSTRMTS
Commitments	FSI_D_LOAN_COMMITMENTS	FSI_D_LOAN_COMMITMENTS
Interest rate curve	FSI_IRC_RATE_HIST	FSI_IRC_RATE_HIST
Payment Schedule	FSI_D_PAYMENT_SCHEDULE	FSI_D_PAYMENT_SCHEDULE
Exchange Rate	FSI_EXCHANGE_RATE_HIST	FSI_EXCHANGE_RATE_HIST
Volatility Curves	FSI_IRC_VOLATILITY_RATE_HIST	FSI_IRC_VOLATILITY_RATE_HIST
Economic Indicators	FSI_ECO_IND_HIST_RATES	FSI_ECO_IND_HIST_RATES
Ledger Class	FSI_D_MANAGEMENT_LEDGER	FSI_D_MANAGEMENT_LEDGER

1.1.3 Supported Migration Object Types

List of Supported Migration Object Types

The supported Migration object types are:

Common Objects

- Attribute Filter
- Currency
- Currency Rates
- Data Filter
- Dimensions - Members and Attributes
- Expressions
- Group Filter
- Hierarchies
- Hierarchy Filter
- Holiday Calendar
- Interest Rate Curve

PFT

- Allocation Model
- Allocation Specification
- Static table Driver

FTP

- Add-on Rate Rule
- Rate lock Volatility curve

 Note:

This will be migrated along with the interest rate curves.

- Standard Process

 Note:

Prepayment Rule and Alternate Rule must be migrated manually.

- Transfer Pricing Rule

 Note:

Replicating Portfolio must be migrated manually.

Part I

Metadata Migration

Introduction about Metadata Migration

Metadata migration utility helps to migrate business configurations, rules and assumptions from an on-premise OFSAA environment to SaaS environment. This helps to reduce the migration time and also complete the migration efficiently.

2

On-Premise Tasks

On-Premise to SaaS Migration involves configuring Map Dimensions and Map tables, and creating and exporting metadata and data objects in the Source/On-Premise setup.

Complete the following tasks in the sequential order, in the On-Premise/Source setup:

1. [Prerequisites](#)
2. [SaaS Migration Planner Configuration Tasks](#)
3. [SaaS Migration Planner Export Tasks](#)

2.1 Prerequisites

Prerequisites for On-Premise environment

User Groups

Ensure that the users are assigned to the following appropriate user groups:

- **Object Export Administrator**-View, edit and delete Map Dimensions, Map Tables and Object definitions.
- **Object Export Analyst**-View the details of Map Dimensions, Map tables and Object definitions.

On-Premise Environment Specific Prerequisites

- The source/On-Premise environment hosting the licensed and supported OFSAA Applications, must be on v8.0.7.8.0 or later.
- Optional (Recommended). If the Licensed Applications are installed on different OFSAA Instances, merge all the instances existing in the same information domain into a single OFSAA Instance. This will ensure that there are no duplicate Object IDs across various source instances, during migration. For assistance, contact [Oracle Support](#).
- Apply the patch **35922951**.

2.2 Accessing Map Dimensions and Map Tables

Use the Configuration window to define and manage the Map Dimensions and Map tables.

To access the **Configuration window**:

1. Login to the On-Premise setup with valid credentials. Ensure that you have the [User Groups](#) assigned to perform On-Premise to SaaS Migration.
2. In the LHS Navigation list, click **Common Object Maintenance > Object Administration > SaaS Migration Planner > Configuration**.

The list of pre-existing (seeded and manually created) Dimension Mappings and Instrument Mappings, are displayed. Access the following tabs to create and manage Dimension Mappings and Instrument Mappings.

- [Map Dimensions Tab](#)
- [Map tables Tab](#)

2.2.1 Map Dimensions

Map Dimensions tab includes the list of existing Dimension Mappings.

Ensure that you have the [User Groups](#) assigned to perform On-Premise to SaaS Migration.

To access the Map Dimensions tab from the Configuration window :

1. Click **Map Dimensions**.

All the Dimension Mappings created in the specific environment are displayed with the following details:

- **Source Dimension**-The dimension present in the Source/On-Premise setup.
- **Target Dimension**-The Target dimension mapped to a specific Source dimension.
- **Key Dimensions**-Indicates if the selected Target Dimension is a key dimension.
- **Export Dimension**-Indicates the Export Status of the specific Dimension.
- **Mapping Type**-Indicates if the selected Dimension Mapping is a SystemDimension Mapping or a Custom Dimension Mapping.
 - **System** - Pre-seeded Dimension Mappings.
 - **Custom**-Created by the user. For more information, refer to [Adding a new Dimension Mapping](#).
- **Action**
 - **View**-View the details of a specific Dimension Mapping.
 - **Edit**-Modify the Source and Target Dimension and also the Export Dimension status. For a system Dimension Mapping, you can only change the Export Dimension status. The Source and the Target dimensions are non-editable.
 - **Delete**-Delete the selected Dimension Mapping. You cannot delete a System Dimension Mapping.

2. To search for a specific entry, enter a keyword in the **Search box**.

Click **Search Settings**, to filter the search columns. The specified search criteria are displayed in the Search box, based on the set filter.

2.2.1.1 Adding a New Dimension Mapping

Create a Dimension mapping to link a source dimension present in the On-Premise setup, to a target dimension in the SaaS setup.

Ensure that you have the [User Groups](#) assigned to perform On-Premise to SaaS Migration.

To add a new Dimension mapping:

1. Click **Add**, in the Configuration window.
2. Select the following Details, in the **Add Dimension Mapping** pop-up window:
 - **Source Dimension**-Select the Source Dimension in the On-Premise environment.
 - **Target Dimension**-Select the Target Dimension in the SaaS environment.
 - **Export Flag**-Select **Yes** to export the Mapped Dimension.

**Note:**

For a complete list of exportable Pre-seeded Dimensions, refer [Pre-mapped Dimensions for Migration](#).

3. Click **Save**.

The new mapping is added to the Dimension Mappings Summary.

2.2.2 Map Tables

Map tables tab includes the list of existing Instrument Mappings.

Ensure that you have the [User Groups](#) assigned to perform On-Premise to SaaS Migration.

To access the Map tables tab from the Configuration window:

1. Click **Map tables**.

All the Instrument Mappings created in that environment are displayed with the following details:

- **Table Type**-The table type.
- **Source Table**-The table present in the Source/On-Premise setup.
- **Target Table**-The Target table mapped to a specific Source Dimension.
- **Mapping Type**-Indicates if the selected table is a System or a Custom table.
 - **System**-Pre-seeded table.
 - **Custom**-Created by the user. For more information, refer to [Adding new Instrument Mapping](#).
- **Mapped Columns Count**-The number of columns mapped in the selected table and the total number of columns.
- **Action**
 - **View**-View the details of a specific Instrument Mapping.
 - **Edit**-Modify the Source and Target table. For a System Instrument Mapping, the Source and the Target tables are non-editable.
 - **Delete**-Delete the selected Instrument Mapping. You cannot delete a Pre-seeded Instrument Mapping

2. To search for a specific entry, enter a keyword in the **Search box**.

Click **Search Settings**, to filter the search columns. The specified search criteria are displayed in the Search box, based on the set filter.

2.2.2.1 Adding a New Instrument Mapping

To migrate the tables from On-Premise to SaaS environment, map the source's table and columns to the respective table and columns of the destination.

Ensure that you have the [User Groups](#) assigned to perform On-Premise to SaaS Migration.

To add a new Instrument mapping,

1. Click **Add**.
2. Select the following details, in the **Table Mapping** pane.

- **Table Type** - Table classification.
- **Source Table** - Instrument and ledger tables in the On-Premise setup.
- **Target Table** - Instrument and ledger tables in the SaaS setup.

 Note:

The seeded tables are already mapped and can't be changed.

3. Select the Source and Target columns, in the **Column Mapping** pane.

 Note:

You can modify the source and column mapping only for custom table mappings.

Click **Search Settings**, to filter the search columns. The specified search criteria are displayed in the Search box, based on the set filter.

Click **Show Unmapped Rows**, to view the rows that require mapping.

4. Click **Save** to create a new Instrument Mapping.

The new mapping is added to the Instrument Mappings Summary.

2.3 Export Definitions

Create and configure Export Definitions from Export screen.

To access the Export Definition Summary:

1. Log in to the On-Premise setup with valid credentials. Ensure that you have the [User Groups](#) assigned to perform On-Premise to SaaS Migration.
2. In the LHS Navigation list, click **Common Object Maintenance > Object Administration > SaaS Migration Planner > Export**, to access the **SaaS Migration Planner-Export** window.

The **Export Object Summary** screen includes the export object definitions, with the following details:

- **Name**-The Export Definition name.
- **Application**-The application associated with the Export Definition.
- **Export Status**-The migration status of the Export Definition.
 - **Export Completed**
 - **Archive to be refreshed**
 - **Export has not started**
- **Created By**-The login name of the user who created this object migration.
- **Creation Date**-Export Definition creation date.
- **Last Exported On**-The Last Exported Date.
- **Action**
 - **View**-View the details of a specific Export Definition.

- **Edit**-Modify the Name and the Object types.
- **Create/Refresh Archive**-Refresh the archived file for a Exported Object.
- **Download Archive**-Download the archive file for an ExportedDefinition to a Local Directory. [Import](#) this archive file to your SaaS environment, for [importing the Metadata objects](#).
- **View Log**-View the Export log details.
- **Delete** - Delete the selected Export Definition.

2.3.1 Creating a New Export Definition

An Export definition includes multiple objects of different object types that you can migrate from the On-Premise to SaaS environment.

Ensure that you have the [User Groups](#) assigned to perform On-Premise to SaaS Migration.

To create a new export definition:

1. Click **Add**.
2. Select/enter the following **Export Definition** details.
 - **Name** - The unique identifier for the Export definition.

 Note:

The special characters - ~`!@#%^*()+=|:;'\ "<>'?/ are not allowed.

- **Application** - The application for adding the object types to the definition. The object types included in the application are listed in the **Object Types** pane.
 - **Description** - The detailed description of the export definition.
3. Include the required Object Types to the export definition.

When you add an object type, all the dependent objects in the hierarchy are also included. But, when you remove an object type, you must remove the dependent objects manually.

You can add/remove all the objects associated with the listed object types.

To add/remove objects for a specific object type, click **Action** and select the required option.

- **Add all Objects**
 - **View and Select Objects**
 - **Remove all Objects**
4. Click **Save** to create a new Export definition.

The new definition is added to the Export definition Summary.

3

SaaS Tasks

Add the archived file from the Local Directory and import the metadata objects to the SaaS environment.

To download the Archive Files to Target (SaaS) environment:

1. [Prerequisites](#)
2. [Accessing Import Summary page](#)
3. [Import Archive file](#)
4. [Import Meta data Objects](#)
5. [Verify import status](#)

3.1 Prerequisites

Prerequisites for Target (SaaS) environment

User Groups

Ensure that the users are assigned to **Onprem Migration Admin** Group.

3.2 Accessing Import Summary

All the archive files added to the SaaS environment are displayed.

To access the Import Summary:

1. Login to the SaaS environment with valid credentials. Ensure that you are assigned to **Onprem Migration Admin** group, to trigger the On-Premise to SaaS Migration.
2. In the LHS Navigation list, click **Operation and Processes > Object Administration > Import Legacy Object**.

All the archives created in the specific environment are displayed with the following details:

- **Name**-The Export Definition Name.
- **Version**-The version of a specific export definition. When the same archive file is downloaded more than once a new version is created and added to the Import Summary page.
- **Status**-The import status of a export definition.
 - **Ready to Import**
 - **Ongoing**
 - **Completed**
 - **Cancelled**
- **Import Initiated On**-The date and time at which the import began.
- **Import Completed On**-The date and time at which the import was completed.

- **Action**
 - **Details**-View the details of a specific Export Definition archive.
- 3. To search for a specific entry, enter a keyword in the **Search box**.
Click **Search Settings**, to filter the search columns. The specified search criteria are displayed in the Search box, based on the set filter.

3.3 Importing Archive File

Import the archive file from the Local Directory, to import the Metadata objects to the SaaS environment.

Ensure that you are assigned to **Onprem Migration Admin** group, to trigger the On-Premise to SaaS Migration..

To download archive file, from the Import Summary page:

1. Click **Import New Archive**, to access the **Import New** pane.
2. Click **Browse** and select the archive file required for Metadata Import, from the Local Directory.
3. Click **Upload**.

The archive file is included to the list of archives, in the Import Summary page.

3.4 Importing Metadata Objects

Import Metadata Objects, using the archive files added to the SaaS environment.

To import the Metadata Objects, from the **Import Summary**.

1. Click **Action** and **Details**, adjacent to the archive, to access the **Object Details**.

The list of Object Types included are listed with the following information:

- **Object Type**
 - **# of Objects**
 - **# of Imported**
 - **# of Failed**
 - **# of Skipped**
 - **Status**
 - **Details**
2. You can perform the following tasks in the Object Details pane:
 - Click **Details**, to view the [Import Status](#) of a specific Object Type.
 - Click **Cancel All** in the **Object Details** pane, to abort the import of all the objects.
 3. After importing all the objects, click **Complete**, to update the status of the specific Object Type in the Import Summary.

3.5 Import Status

All the Metadata Objects included in archive, under a specific object type are displayed.

To view the import status of the Metadata Objects:

1. In the Object Details pane, click **Details**, to view the Import Status of a specific Object Type.

All the objects included in the archive, under a specific object type are listed.

- Source Definition Code
 - Source Definition Name
 - Import Status
 - Destination Definition Code
 - Retry
 - Skip
2. To filter and view the objects based on the Import status, select one of the following **Filter** options:
 - Not Started
 - Ongoing
 - Completed
 - Failed
 - Skipped
 3. Enable **Overwrite object if already Exist**, to replace an object with the same Source Definition Name.
 4. You can perform the following tasks:
 - To import all the objects, click **Start Import**.
 - To restart the import of an object with **Failed**status, click **Retry** adjacent to that object.
 - To retry the import of all the objects, click **Restart all Import**.
 - To skip the import of an object with **Failed**status, click **Skip** adjacent to that object.
 - To skip the import of all the objects, click **Skip all Import**.

Part II

Data Migration

Data Object Migration involves moving all the user details, seeded and custom tables, from On-premise to SaaS environment.

Complete the following tasks sequentially, for a successful Data Migration:

1. Complete the [Prerequisites](#)
2. Update the [Properties file](#) with the required [user](#), [table and column details](#), and [filter conditions](#).
3. [Export/re-export](#) the data from On-premise environment.
4. [Import](#) the data to SaaS environment.

4

Prerequisites

Prerequisites for exporting and importing Data Objects.

Prerequisites for Export

Complete the following tasks before exporting the Data Objects from the On-Premise environment:

- Create a Physical Directory in the Database Server with sufficiently large disk space to hold the exported data files (.CSV files), in the UNIX environment.

Example: `mkdir '/home/ofsa_export_dir'`

Note:

Using `CHMOD` command, give Write permission to Oracle Processes , for the new physical directory.

Example : `chmod -R 777 /home/ofsa_export_dir`

- Log in to the Database with SYS Privileges and execute the following tasks in SQLPLUS command.
 - Create a Database Directory pointing to the Physical Directory.
Example: `create or replace directory OFSA_EXPORT_DIR as '/home/ofsa_export_dir'.`
 - Grant the `INFODOM-SCHEMA-USER` write permissions to `OFSA_EXPORT_DIR`.
Example `GRANT READ, WRITE ON DIRECTORY OFSA_EXPORT_DIR TO <INFODOM-SCHEMA-USER>;`

Prerequisites for Import

After exporting the data from the On-Premise environment, complete the following tasks:

Note:

The following steps are required only if the physical directory is not a shared mount.

- Archive all the generated CTL and CSV files and the archive file name should be `ofsa_export_dir.zip`.
Example `- zip -r ofsa_export_dir.zip ofsa_export_dir`
- Move generated `ofsa_export_dir.zip` from Database Server to `$FIC_HOME/utility/Data_Export_to_SaaS/data_dumps` directory in the On-Premise environment.

5

Properties Files

Properties file used in the On-Premise to SaaS migration contain the user input details. You can also configure the tables to be exported.

The OFSAA Administrator must update all the required details in the following properties file, before initiating the migration.

1. [user-input.properties](#)
2. [pbsm_export_table.properties](#)
3. [pbsm_export_table_filter.properties](#)

5.1 User-input.properties

The User-input.properties file is located in <\$FIC_HOME>/utility/Data_Export_to_SaaS/conf directory. The properties details are:

Table 5-1 Properties File Details

Field Name	Details
INFODOM	Information domain name of the On-premise environment.
DB_SERVER_DIRECTORY_NAME	Database server directory created using the SQLPLUS command. For more information refer to , Prerequisites .
IDCS_URL	Identity Cloud Service URL. Contact your IDCS administrator for details.
SAAS_USERNAME	SaaS UI Login user name
SAAS_ENCODED_PASSWORD	SaaS UI login user password encoded in base-64.
ENCODED_CLIENT_ID_AND_SECRET	Client ID:Client Secret encoded in base-64. Contact your IDCS administrator for details.
SAAS_APPLICATION_HOST_URL	URL to access SaaS UI
TENANT_ID	SaaS tenant ID. Contact your IDCS administrator for details.
SERVICE_ID	One of the following SaaS Service IDs: • OFS_PFT - Profitability Management Cloud Service • OFS_FTP - Fund Transfer Price Cloud Service
EXPORT_DIRECTORY_PATH	(Optional). The mount point location detail available in APP server. If EXPORT_DIRECTORY_PATH is not used, comment the option.

Table 5-1 (Cont.) Properties File Details

Field Name	Details
ENABLE_CONCURRENCY	Export and import multiple tables, simultaneously.

**Note:**

Ensure that the export and import are not performed, simultaneously.

5.2 pbsm_export_table.properties

The `pbsm_export_table.properties` includes all the Seeded tables to be exported. You can add the Custom table to be exported to the SaaS environment.

The `pbsm_export_table.properties` file is located in `<$FIC_HOME>//utility/Data_Export_to_SaaS/conf` directory.

Modify the following details:

- **Custom tables**-Add the custom tables to be exported.
- **Export Flag**-Set to **Y**, to export the table. The Export Flag for all the Seeded tables are set to **Y**, by default.

Example

```
- FSI_D_BORROWINGS = Y
- FSI_D_ANNUITY_CONTRACTS = Y
- FSI_D_CASA = N
```

5.3 pbsm_export_table_filter.properties

The `pbsm_export_table_filter.properties` enables to configure the Filter Criteria required for data export.

Using the Properties file, you can configure the Filter Criteria for both Seeded and Custom tables.

This file is located in `<$FIC_HOME>//utility/Data_Export_to_SaaS/conf` directory.

Modify the required filter criteria, before exporting the data.

Example

- `FSI_D_BORROWINGS = AS_OF_DATE = TO_DATE('21-Jun-2022','DD-MON-YYYY')`
- `FSI_D_ANNUITY_CONTRACTS = AS_OF_DATE = TO_DATE('21-Jun-2022','DD-MON-YYYY')`
`AND LEGAL_ENTITY_ID = 1`

6

Migration Execution Scripts

Execute the specific Shell Scripts, to migrate the data objects from On-Premise to SaaS environment.

Execute the following scripts, for Data Migration:

1. [Export-data.sh](#)
2. [Re-export-data.sh](#)
3. [Import-data.sh](#)
4. [finalize.sh](#)
5. [generate-report.sh](#)

6.1 Export-data.sh

Execute `export-data.sh` script, to validate and generate the data export `.csv` and `.ctl` files.

`export-data.sh` is located in `<$FIC_HOME>/utility/Data_Export_to_SaaS/bin` directory. Using `export-data.sh` script, you can migrate the data only once. To export a particular combination multiple times, execute [re-export-data.sh](#).

Example : `./export-data.sh`

6.2 Re-export-data.sh

Execute `re-export-data.sh` script, to validate and regenerate the data export `.csv` and `.ctl` files.

`re-export-data.sh` is located in `<$FIC_HOME>/utility/Data_Export_to_SaaS/bin` directory. Using `re-export-data.sh` script, you can migrate the data, multiple times.

Example : `./re-export-data.sh`

6.3 Import-data.sh

Execute `import-data.sh` script, to move data into the Target SaaS environment.

`import-data.sh` is located in `<$FIC_HOME>/utility/Data_Export_to_SaaS/bin` directory.

Example : `./import-data.sh`

6.4 finalize.sh

Execute `finalize.sh` script, to apply the transformations to the data loaded into the Target SaaS environment.

`finalize.sh` is located in `<$FIC_HOME>/utility/Data_Export_to_SaaS/bin` directory.

Syntax: `./finalize.sh <Start_Date DDMMYYYY> <End_Date DDMMYYYY>`

 Note:

- The start date and end date are optional parameters.
- To transform the data for a specific time period, ensure to enter both the start and end date.
- If you provide only one date, it is considered as the start date.
- The `finalize.sh` script can be executed any number of times, but it is recommended to execute after all the data migration is complete.

Example: `./finalize.sh 01122023 31122023`

Transformations Post Data Migration

Executing `finalize.sh` triggers the following data transformations.

Table 6-1 Transformations post data migration

SaaS/Target Table	SaaS-Column	Transformations Post Data Migration
FSI_D_ASSET, FSI_D_LIABILITY, FSI_D_FEE_BASED_S ERVICE, FSI_D_DERIVATIVE, FSI_D_LEDGER_INSTR UMENT, FSI_D_LOAN_COMMIT MENTS, FSI_D_OFF_BALANCE _SHEET, FSI_D_ACCOUNT_RAT E_TIERS, FSI_D_BREAK_FUNDIN G_CHARGES, FSI_D_PM_GENERATE D_INSTRMTS	AMRT_TYPE_CD	• If AMRT_TYPE_CD is between 1000 and 69999, the corresponding value is set to 20 • If AMRT_TYPE_CD is between 70000 and 99999, the corresponding value is set to 10 • If AMRT_TYPE_CD is either 400 or 500, the corresponding value is set to 100 • In all other scenarios, the AMRT_TYPE_CD value is retained
FSI_D_ASSET, FSI_D_LIABILITY, FSI_D_FEE_BASED_S ERVICE, FSI_D_DERIVATIVE, FSI_D_LEDGER_INSTR UMENT, FSI_D_LOAN_COMMIT MENTS, FSI_D_OFF_BALANCE _SHEET, FSI_D_ACCOUNT_RAT E_TIERS, FSI_D_BREAK_FUNDIN G_CHARGES, FSI_D_PM_GENERATE D_INSTRMTS	PMT_PATTERN_CD	If AMRT_TYPE_CD is between 1000 and 69999, the PMT_PATTERN_CD value is set to the AMRT_TYPE_CD value. In all other scenarios, it is set to NULL.

Table 6-1 (Cont.) Transformations post data migration

SaaS/Target Table	SaaS-Column	Transformations Post Data Migration
FSI_D_ASSET, FSI_D_LIABILITY, FSI_D_FEE_BASED_S ERVICE, FSI_D_DERIVATIVE, FSI_D_LEDGER_INSTR UMENT, FSI_D_LOAN_COMMIT MENTS, FSI_D_OFF_BALANCE _SHEET, FSI_D_ACCOUNT_RAT E_TIERS, FSI_D_BREAK_FUNDIN G_CHARGES, FSI_D_PM_GENERATE D_INSTRMTS	BEHAVIOUR_PATTERN_CD	If AMRT_TYPE_CD is between 70000 and 99999, the BEHAVIOUR_PATTERN_CD is set to the AMRT_TYPE_CD value. Otherwise, it is set to NULL.
FSI_D_ASSET, FSI_D_LIABILITY, FSI_D_FEE_BASED_S ERVICE, FSI_D_DERIVATIVE, FSI_D_LEDGER_INSTR UMENT, FSI_D_LOAN_COMMIT MENTS, FSI_D_OFF_BALANCE _SHEET, FSI_D_ACCOUNT_RAT E_TIERS, FSI_D_BREAK_FUNDIN G_CHARGES, FSI_D_PM_GENERATE D_INSTRMTS	ADJUSTABLE_TYPE_CD	• If ADJUSTABLE_TYPE_CD is 30, the corresponding value is set to 50 • If ADJUSTABLE_TYPE_CD >= 500, the corresponding value is set to 10 • In all other cases, the value of ADJUSTABLE_TYPE_CD is retained
FSI_D_ASSET, FSI_D_LIABILITY, FSI_D_FEE_BASED_S ERVICE, FSI_D_DERIVATIVE, FSI_D_LEDGER_INSTR UMENT, FSI_D_LOAN_COMMIT MENTS, FSI_D_OFF_BALANCE _SHEET, FSI_D_ACCOUNT_RAT E_TIERS, FSI_D_BREAK_FUNDIN G_CHARGES, FSI_D_PM_GENERATE D_INSTRMTS	REPRICE_PATTERN_CD	If ADJUSTABLE_TYPE_CD is >= 500, then the REPRICE_PATTERN_CD is set to the ADJUSTABLE_TYPE_CD value. In all other cases, it is set to NULL.

Table 6-1 (Cont.) Transformations post data migration

SaaS/Target Table	SaaS-Column	Transformations Post Data Migration
FSI_D_ASSET, FSI_D_LIABILITY, FSI_D_FEE_BASED_S ERVICE, FSI_D_DERIVATIVE, FSI_D_LEDGER_INSTR UMENT, FSI_D_LOAN_COMMIT MENTS, FSI_D_OFF_BALANCE _SHEET, FSI_D_ACCOUNT_RAT E_TIERS, FSI_D_BREAK_FUNDIN G_CHARGES, FSI_D_PM_GENERATE D_INSTRMTS	COMPOUNDING_BASI S_CD	If COMPOUNDING_BASIS_CD is either 200 or 999, the corresponding value is set to 160. Otherwise, the value of COMPOUNDING_BASIS_CD is retained.
FSI_D_ASSET, FSI_D_LIABILITY	OPTION_EXPIRY_DAT E	The OPTION_EXPIRY_DATE column in the target table is updated with the values from the OPTION_EXPIRY_DATE column in the FSI_D_EMBEDDED_OPTIONS_SCH table.
FSI_D_ASSET, FSI_D_LIABILITY	STRIKE_VALUE	The STRIKE_VALUE column in the target table is updated with the values from the STRIKE_VALUE column in the FSI_D_EMBEDDED_OPTIONS_SCH table.
FSI_D_ASSET, FSI_D_LIABILITY	STRIKE_IRC_CD	The STRIKE_IRC_CD column in the target table is updated with the values from the STRIKE_IRC_CD column in the FSI_D_EMBEDDED_OPTIONS table.
FSI_D_ASSET, FSI_D_LIABILITY	EXERCISE_TYPE_CD	The EXERCISE_TYPE_CD column in the target table is updated with the values from the EXERCISE_TYPE_CD column in the FSI_D_EMBEDDED_OPTIONS table.
FSI_D_ASSET, FSI_D_LIABILITY	RATE_LOOKUP_CD	The RATE_LOOKUP_CD column in the target table is updated with the values from the RATE_LOOKUP_CD column in the FSI_D_EMBEDDED_OPTIONS table.
FSI_D_ASSET, FSI_D_LIABILITY	STRIKE_TYPE_CD	The STRIKE_TYPE_CD column in the target table is updated with the values from the STRIKE_TYPE_CD column in the FSI_D_EMBEDDED_OPTIONS table.
FSI_D_ASSET, FSI_D_LIABILITY	OPTION_TYPE_CD	The OPTION_TYPE_CD column in the target table is updated with the values from the OPTION_TYPE_CD column in the FSI_D_EMBEDDED_OPTIONS table.
FSI_D_ASSET, FSI_D_LIABILITY	OPTION_START_DATE	The OPTION_START_DATE column in the target table is updated with the values from the OPTION_START_DATE column in the FSI_D_EMBEDDED_OPTIONS table.

Table 6-1 (Cont.) Transformations post data migration

SaaS/Target Table	SaaS-Column	Transformations Post Data Migration
FSI_D_ASSET, FSI_D_FEE_BASED_S ERVICE, FSI_D_LEDGER_INSTR UMENT, FSI_D_LOAN_COMMIT MENTS, FSI_D_OFF_BALANCE _SHEET	ACCOUNT_TYPE	ACCOUNT_TYPE is searched sequentially in the following tables and the value is updated. 1. Product 2. Common COA 3. General Ledger If ACCOUNT_TYPE is not present in any of the above mentioned tables, it is set to 100.
FSI_D_LIABILITY	ACCOUNT_TYPE	ACCOUNT_TYPE is searched sequentially in the following tables and the value is updated. 1. Product 2. Common COA 3. General Ledger If ACCOUNT_TYPE is not present in any of the above mentioned tables, it is set to 300.
FSI_D_DERIVATIVE	ACCOUNT_TYPE	For the given LEG_TYPE values, the following ACCOUNT_TYPE values are configured. • If LEG_TYPE is 1, set ACCOUNT_TYPE as 310 • If LEG_TYPE is 2, set ACCOUNT_TYPE as 110 • In all other cases, set ACCOUNT_TYPE as 800

6.5 generate-report.sh

Execute `generate-report.sh` script, to generate a HTML report containing list of all the exported and imported table details.

`generate-report.sh` is located in `<$FIC_HOME>/utility/Data_Export_to_SaaS/bin` directory.

The final HTML reports are saved to `<FIC_HOME>/utility/Data_Export_to_SaaS/report` directory.

Example : `./generate-report.sh`

A

Pre-Mapped Dimensions for Migration

Pre-mapped dimensions with associated On-Premise and SaaS Dimension tables.

Table A-1 Migratable Pre-Seeded Dimensions

Dimension	On-Premise Dimension Table	SaaS Dimension Table
Accidental Health Insurance Company	FSI_ACCID_HEALTH_INS_CO_CD	FSI_ACCID_HEALTH_INS_CO_CD
Account Group	FSI_ACCOUNT_GROUP_CD	FSI_ACCOUNT_GROUP_CD
Account Officer	FSI_ACCOUNT_OFFICER_CD	FSI_ACCOUNT_OFFICER_CD
Account Type	FSI_ACCOUNT_TYPE_CD	FSI_ACCOUNT_TYPE_CD
Accrual Basis	FSI_ACCRUAL_BASIS_CD	FSI_ACCRUAL_BASIS_CD
Adjustable Type	FSI_ADJUSTABLE_TYPE_CD_V	FSI_ADJUSTABLE_TYPE_CD_V
Adjustment Type Code	FSI_ADJUSTMENT_TYPE_CD	FSI_ADJUSTMENT_TYPE_CD
Advice Type	FSI_ADVICE_TYPE_CD	FSI_ADVICE_TYPE_CD
Agent Bank	FSI_AGENT_BANK_CD	FSI_AGENT_BANK_CD
Aggregate Method	FSI_AGGREGATE_METHOD_CD	FSI_AGGREGATE_METHOD_CD
Amortization Method	FSI_AMORT_METHOD_CD	FSI_AMORT_METHOD_CD
Amortization Type	FSI_AMORTIZATION_TYPE_CD_V	FSI_AMORTIZATION_TYPE_CD_V
Annual Fee	FSI_ANNUAL_FEE_CD	FSI_ANNUAL_FEE_CD
Application Analyst	FSI_APPLICATION_ANALYST_CD	FSI_APPLICATION_ANALYST_CD
Authorization Device Type	FSI_AUTH_DEVICE_TYPE_CD	FSI_AUTH_DEVICE_TYPE_CD
Autopay Instruction Type	FSI_AUTOPAY_INSTR_TYPE_CD	FSI_AUTOPAY_INSTR_TYPE_CD
Balance Type	FSI_BALANCE_TYPE_CD	FSI_BALANCE_TYPE_CD
Bank	FSI_BANK_CD	FSI_BANK_CD
Branch	FSI_BRANCH_CD	DIM_BRANCH_B
Behavior Subtype Code	FSI_BEHAVIOUR_SUB_TYPE_CD	FSI_BEHAVIOUR_SUB_TYPE_CD
Behavior Type Code	FSI_BEHAVIOUR_TYPE_CD	FSI_BEHAVIOUR_TYPE_CD
Billing Method	FSI_BILLING_METHOD_CD	FSI_BILLING_METHOD_CD
Break Identification Code	FSI_BREAKAGE_TYPE_CD	FSI_BREAKAGE_TYPE_CD
Calendar Rolling Convention Code	FSI_CAL_ROLLING_CONVENTION_CD	FSI_CAL_ROLLING_CONVENTION_CD
Cash Flow Code	FSI_CASH_FLOW_TYPE_CD	FSI_CASH_FLOW_TYPE_CD
Channel	FSI_DISTRIBUTION_CHANNEL_CD	FSI_CHANNEL_CD
Chargeoff Reason	FSI_CHARGE_OFF_REASON_CD	FSI_CHARGE_OFF_REASON_CD
Collateral	FSI_COLLATERAL_CD	FSI_COLLATERAL_CD
Commit Option Type	FSI_COMMIT_OPTION_TYPE_CD	FSI_COMMIT_OPTION_TYPE_CD
Commitment Type	FSI_COMMITMENT_TYPE_CD	FSI_COMMITMENT_TYPE_CD
Common Chart of Accounts	DIM_COMMON_COA_B	DIM_COMMON_COA_B
Compounding Basis Code	FSI_COMPOUND_BASIS_CD	FSI_COMPOUND_BASIS_CD
Consolidation Code	FSI_CONSOLIDATION_CD	FSI_CONSOLIDATION_CD

Table A-1 (Cont.) Migratable Pre-Seeded Dimensions

Dimension	On-Premise Dimension Table	SaaS Dimension Table
Corporate Agreement	FSI_CORPORATE_AGREEMENT_CD	FSI_CORPORATE_AGREEMENT_CD
Country	DIM_COUNTRY_B	FSI_COUNTRY_CD
Credit Life Insurance Company	FSI_CREDIT_LIFE_INS_CO_CD	FSI_CREDIT_LIFE_INS_CO_CD
Credit Rating	FSI_CREDIT_RATING_CD	FSI_CREDIT_RATING_CD
Credit Status	FSI_CREDIT_STATUS_CD	FSI_CREDIT_STATUS_CD
CWB Status	FSI_CWB_STATUS_CD	FSI_CWB_STATUS_CD
Data Source	FSI_INSTRUMENT_DATA_SOURCE_CD	FSI_INSTRUMENT_DATA_SOURCE_CD
Data Source Code	FSI_DATA_SOURCE_CD	FSI_DATA_SOURCE_CD
Direct Deposit Account Type	FSI_DIR_DEPOS_ACCT_TYPE_CD	FSI_DIR_DEPOS_ACCT_TYPE_CD
Direct Indicator Code	FSI_DIRECT_IND_CD	FSI_DIRECT_IND_CD
Disbursement Method	FSI_DISBURS_METHOD_CD	FSI_DISBURS_METHOD_CD
Delinquency Status	FSI_DELINQUENCY_STATUS_CD	FSI_DELINQUENCY_STATUS_CD
Deposit Type	FSI_DEPOSIT_TYPE_CD	FSI_DEPOSIT_TYPE_CD
Documentation	FSI_DOCUMENTATION_CD	FSI_DOCUMENTATION_CD
Exception	FSI_EXCEPTION_CD	FSI_EXCEPTION_CD
Existing Borrower Code Dimension	FSI_EXIST_BORROWER_CD	FSI_EXIST_BORROWER_CD
Fiduciary Agreement	FSI_FIDUCIARY_AGREEMENT_CD	FSI_FIDUCIARY_AGREEMENT_CD
Financial Element	DIM_FINANCIAL_ELEMENTS_B	DIM_FINANCIAL_ELEMENTS_B
Funding Status	FSI_FUNDING_STATUS_CD	FSI_FUNDING_STATUS_CD
Funding Type	FSI_FUNDING_TYPE_CD	FSI_FUNDING_TYPE_CD
Futures Subtype Code	FSI_FUTURES_SUBTYPE_CD	FSI_FUTURES_SUBTYPE_CD
Futures Type Code	FSI_FUTURES_TYPE_CD	FSI_FUTURES_TYPE_CD
General Ledger Account	DIM_GENERAL_LEDGER_B	DIM_GENERAL_LEDGER_B
Geographic Location	FSI_GEOGRAPHIC_LOC_CD	DIM_GEOGRAPHIC_LOC_B
Geographic State	FSI_GEOGRAPHIC_LOC_STATE_CD	FSI_GEOGRAPHIC_LOC_STATE_CD
Holiday Calc	FSI_HOLIDAY_CALC_OPTION_CD	FSI_HOLIDAY_CALC_OPTION_CD
Instrument Type	FSI_INSTRUMENT_TYPE_CD	FSI_INSTRUMENT_TYPE_CD
Interest Dividends Option	FSI_INT_DIVIDENDS_OPTION_CD	FSI_INT_DIVIDENDS_OPTION_CD
Interest Payment Method	FSI_INT_PAYMENT_METHOD_CD	FSI_INT_PAYMENT_METHOD_CD
Interest Timing Type Code	FSI_INTEREST_TIMING_TYPE_CD	FSI_INTEREST_TIMING_TYPE_CD
Investor Type	FSI_INVESTOR_TYPE_CD	FSI_INVESTOR_TYPE_CD
IR Option Type	FSI_IR_OPTION_TYPE_CD	FSI_IR_OPTION_TYPE_CD
IRA Funding Status Code Dimension	FSI_IRA_FUNDING_STATUS_CD	FSI_IRA_FUNDING_STATUS_CD
Issuer	FSI_ISSUER_CD	FSI_ISSUER_CD
Joint Agreement	FSI_JOINT_AGREEMENT_CD	FSI_JOINT_AGREEMENT_CD

Table A-1 (Cont.) Migratable Pre-Seeded Dimensions

Dimension	On-Premise Dimension Table	SaaS Dimension Table
Lien Position	FSI_LIEN_POSITION_CD	FSI_LIEN_POSITION_CD
Liquidity Class	FSI_LIQUIDITY_CLASS_CD	FSI_LIQUIDITY_CLASS_CD
Leg Type	FSI_LEG_TYPE_CD	FSI_LEG_TYPE_CD
Legal Entity	DIM_LEGAL_ENTITY_B	DIM_LEGAL_ENTITY_B
Loan Type	FSI_LOAN_TYPE_CD	FSI_LOAN_TYPE_CD
Margin Agreement	FSI_MARGIN_AGREEMENT_CD	FSI_MARGIN_AGREEMENT_CD
Market Segment Code	FSI_MARKET_SEGMENT_CD	FSI_MARKET_SEGMENT_CD
Merchant Class	FSI_MERCHANT_CLASS_CD	FSI_MERCHANT_CLASS_CD
Merchant Chain	FSI_MERCHANT_CHAIN_CD	FSI_MERCHANT_CHAIN_CD
Multiplier Code	FSI_MULTIPLIER_CD	FSI_MULTIPLIER_CD
Net Margin	FSI_NET_MARGIN_CD	FSI_NET_MARGIN_CD
Occupancy	FSI_OCCUPANCY_CD	FSI_OCCUPANCY_CD
Option Decision Type	FSI_OPTION_DECISION_TYPE_CD	FSI_OPTION_DECISION_TYPE_CD
Option Exercise Code	FSI_OPTION_EXERCISE_CD	FSI_OPTION_EXERCISE_CD
Option Strike Type	FSI_OPTION_STRIKE_TYPE_CD	FSI_OPTION_STRIKE_TYPE_CD
Option Rate Lookup Type	FSI_OPTION_RATE_LOOKUP_CD	FSI_OPTION_RATE_LOOKUP_CD
Option Type Code	FSI_OPTION_TYPE_CD	FSI_OPTION_TYPE_CD
Organizational Unit	DIM_ORG_UNIT_B	DIM_ORG_UNIT_B
Overdraft Protection	FSI_OVERDRAFT_PROTECTION_CD	FSI_OVERDRAFT_PROTECTION_CD
Outside Info Source	FSI_OUTSIDE_INFO_SOURCE_CD	FSI_OUTSIDE_INFO_SOURCE_CD
Ownership Type	FSI_OWNERSHIP_TYPE_CD	FSI_OWNERSHIP_TYPE_CD
Parent Service	FSI_PARENT_SERVICE_CD	FSI_PARENT_SERVICE_CD
Pay Ahead	FSI_PAY_AHEAD_CD	FSI_PAY_AHEAD_CD
Pay Equivalent Compounding Convention Code	FSI_PAY_EQUI_COMPOUND_CONV_CD	FSI_PAY_EQUI_COMPOUND_CONV_CD
Payment Type	FSI_PAYMENT_TYPE_CD	FSI_PAYMENT_TYPE_CD
Plan	FSI_PLAN_CD	FSI_PLAN_CD
Pledged Status	FSI_PLEDGED_STATUS_CD	FSI_PLEDGED_STATUS_CD
Prev Delq Statu	FSI_PREV_DELQ_STATUS_CD	FSI_PREV_DELQ_STATUS_CD
Product	DIM_PRODUCTS_B	DIM_PRODUCTS_B
Product Type Code	FSI_PRODUCT_TYPE_CD	FSI_PRODUCT_TYPE_CD
Property Purpose	FSI_PROPERTY_PURPOSE_CD	FSI_PROPERTY_PURPOSE_CD
Property Sub Type	FSI_PROPERTY_SUB_TYPE_CD	FSI_PROPERTY_SUB_TYPE_CD
Purpose	FSI_PURPOSE_CD	FSI_PURPOSE_CD
Rate Change Rounding Code	FSI_RATE_CHG_ROUNDING_CD	FSI_RATE_CHG_ROUNDING_CD
Rate Data Source	FSI_RATE_DATA_SOURCE_CD	FSI_RATE_DATA_SOURCE_CD
Reason Closed	FSI_REASON_CLOSED_CD	FSI_REASON_CLOSED_CD
Relationship Type	FSI_RELATIONSHIP_TYPE_CD	FSI_RELATIONSHIP_TYPE_CD
Roll Facility	FSI_ROLL_FACILITY_CD	FSI_ROLL_FACILITY_CD
Rollup Signage	FSI_ROLLUP_SIGNAGE_CD	FSI_ROLLUP_SIGNAGE_CD
School Code	FSI_SCHOOL_ID_CD	FSI_SCHOOL_ID_CD

Table A-1 (Cont.) Migratable Pre-Seeded Dimensions

Dimension	On-Premise Dimension Table	SaaS Dimension Table
Service Option	FSI_SERVICE_OPTION_CD	FSI_SERVICE_OPTION_CD
Service Source	FSI_SERVICE_SOURCE_CD	FSI_SERVICE_SOURCE_CD
Servicing Agent	FSI_SERVICING_AGENT_CD	FSI_SERVICING_AGENT_CD
Settlement Account Service Code	FSI_SETTLEMENT_ACCT_SERV_CD	FSI_SETTLEMENT_ACCT_SERV_CD
Solicit Source	FSI_SOLICIT_SOURCE_CD	FSI_SOLICIT_SOURCE_CD
Standard Industrial Classification Code	FSI_SIC_CD	FSI_SIC_CD
Student Year in School	FSI_STUDENT_YR_IN_SCHOOL_CD	FSI_STUDENT_YR_IN_SCHOOL_CD
Swap Class	FSI_SWAP_CLASS_CD	FSI_SWAP_CLASS_CD

B

Deprecated Columns in Data Tables

List of deprecated columns in Data tables

1. FSI_D_ANNUITY_CONTRACTS
2. FSI_D_BORROWINGS
3. FSI_D_BREAK_FUNDING_CHARGES
4. FSI_D_CASA
5. FSI_D_CREDIT_CARDS
6. FSI_D_CREDIT_LINES
7. FSI_D_FUTURES
8. FSI_D_FX_CONTRACTS
9. FSI_D_GUARANTEES
10. FSI_D_INVESTMENTS
11. FSI_D_LEASES
12. FSI_D_LEDGER_STAT_INSTRUMENT
13. FSI_D_LOAN_COMMITMENTS
14. FSI_D_LOAN_CONTRACTS
15. FSI_D_MERCHANT_CARDS
16. FSI_D_MM_CONTRACTS
17. FSI_D_MORTGAGES
18. FSI_D_MUTUAL_FUNDS
19. FSI_D_OTHER_SERVICES
20. FSI_D_RETIREMENT_ACCOUNTS
21. FSI_D_SWAPS
22. FSI_D_TERM_DEPOSITS
23. FSI_D_TRUSTS

B.1 FSI_D_ANNUITY_CONTRACTS

List of deprecated Columns in FSI_D_ANNUITY_CONTRACTS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3

6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_NET_BOOK_BAL_C
10. COMMISSION_ON_COLLECTION
11. CONVEXITY_C
12. CUR_NET_BOOK_BAL_C
13. CUR_NET_PAR_BAL_C
14. CUR_YIELD_DURATION_C
15. DV01_C
16. EBANKING_EXP
17. MARGIN_T_RATE
18. MARKET_VALUE_CLEAN_C
19. MODIFIED_DURATION_C
20. ORG_NET_BOOK_BAL_C
21. ORG_NET_PAR_BAL_C
22. RATE_DECR_YEAR
23. RATE_INCR_YEAR
24. TAX_EXEMPT_PCT

B.2 FSI_D_BORROWINGS

List of deprecated Columns in FSI_D_BORROWINGS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_NET_BOOK_BAL_C
10. BACKUP_LIQUID_COST
11. CALL_PRICE
12. COLLATERAL_MKT_VALUE
13. COLLATERAL_NOMINAL_VALUE
14. COMMISSION_ON_COLLECTION
15. CONTRIB_AFTER_CAPITAL_CHG

16. CONVEXITY_C
17. CUR_NET_BOOK_BAL_C
18. CUR_NET_PAR_BAL_C
19. CUR_YIELD
20. DEPOSIT_FLOAT
21. DIST_FR_LIFE_CAP_C
22. DRAWN_AMT
23. DURATION_C
24. DV01_C
25. EBANKING_EXP
26. GROSS_FEE_INCOME
27. MARGIN_T_RATE
28. MARKET_RISK_CAPITAL
29. MARKET_VALUE_CLEAN_C
30. MISC_ASSET_CHG
31. MISC_LIABILITY_CR
32. MODIFIED_DURATION_C
33. NET_FEE_INCOME
34. NET_INT_MARGIN
35. OP_RISK_CAPITALORG_NET_BOOK_BAL_C
36. ORG_NET_PAR_BAL_C
37. RATE_DECR_YEAR
38. RATE_INCR_YEAR
39. RETURN_ITEMS
40. RETURN_ON_EQUITY
41. RISK_ADJ_AVG_BAL
42. TAX_EXEMPT_PCT
43. TOTAL_FEES
44. TOTAL_TRANSACTIONS
45. UNDRAWN_AMT

B.3 FSI_D_BREAK_FUNDING_CHARGES

List of deprecated Columns in FSI_D_BREAK_FUNDING_CHARGES table.

1. ACTUAL_HOLDING_PERIOD
2. AGENCY_FEES
3. ALLOC_EQUITY
4. ALLOC_MISC_1

5. ALLOC_MISC_2
6. ALLOC_MISC_3
7. ALLOC_MISC_4
8. ALLOC_MISC_5
9. APPROVED_AMT
10. ARM_BASE_RATE
11. AVERAGE_LIFE_C
12. AVG_NET_BOOK_BAL_C
13. COMMISSION_ON_COLLECTION
14. CONTRACT_AMT
15. CONTRIB_AFTER_CAPITAL_CHG
16. CONVEXITY_C
17. CUR_NET_BOOK_BAL_C
18. CUR_NET_PAR_BAL_C
19. CUR_YIELD
20. CURRENT_FEES
21. DEL_LIFE_TIMES
22. DEL_YEAR_TIMES
23. DIST_FR_LIFE_CAP_C
24. DURATION_C
25. DV01_C
26. EBANKING_EXP
27. GROSS_FEE_INCOME
28. MARGIN_T_RATE
29. MARKET_VALUE_CLEAN_C
30. MODIFIED_DURATION_C
31. NET_FEE_INCOME
32. NET_INT_MARGIN
33. ORG_LOAN_TO_VALUE
34. ORG_NET_BOOK_BAL_C
35. ORG_NET_PAR_BAL_C
36. ORG_PAR_BAL_C
37. PARTICIPATION_AMT_SOLD
38. RATE_DECR_YEAR
39. RATE_INCR_YEAR
40. RESERVE_CHARGE_CREDIT
41. RETURN_ITEMS
42. RETURN_ON_EQUITY

43. TAX_EXEMPT_PCT
44. TOTAL_FEES
45. TOTAL_FEES_AT_ORG
46. TOTAL_TRANSACTIONS

B.4 FSI_D_CASA

List of deprecated Columns in FSI_D_ANNUITY_CONTRACTS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. ANNUAL_ACCT_FEE
9. AVERAGE_LIFE_C
10. AVG_COLLECT_BAL
11. AVG_NET_BOOK_BAL_C
12. CARDS_ISSUED
13. COMMISSION_ON_COLLECTION
14. CONTRIB_AFTER_CAPITAL_CHG
15. CONVEXITY_C
16. CUR_NET_BOOK_BAL_C
17. CUR_NET_PAR_BAL_C
18. CUR_OVERDRAFT_BAL
19. CUR_YIELD
20. CURRENT_FEES
21. DAILY_LIMIT
22. DAILY_LIMIT_ATM
23. DAILY_LIMIT_POS
24. DEPOSIT_FLOAT
25. DEPOSIT_RESERVES_CHARGE
26. DURATION_C
27. DV01_C
28. EBANKING_EXP
29. GROSS_FEE_INCOME
30. HIGH_BAL

31. INTEREST_CHARGE_CREDIT
32. LAST_DEPOSIT_AMT
33. LAST_WITHDRAW_AMT
34. LOW_BAL
35. MARGIN_T_RATE
36. MARKET_RISK_CAPITAL
37. MARKET_VALUE_CLEAN_C
38. MAX_AMT_GUARANTEED
39. MISC_ASSET_CHG
40. MISC_LIABILITY_CR
41. MODIFIED_DURATION_C
42. NET_FEE_INCOME
43. NET_INT_MARGIN
44. NOT_ON_US_CREDITS
45. NOT_ON_US_DEBITS
46. OD_CUR_DAYS
47. OD_LIFE_TIMES
48. OD_YEAR_TIMES
49. OP_RISK_CAPITAL
50. ORG_NET_BOOK_BAL_C
51. ORG_NET_PAR_BAL_C
52. PHONE_TRANSACTIONS
53. RATE_DECR_YEAR
54. RATE_INCR_YEAR
55. REQ_VS_COLL_BAL_C
56. REQUIRED_BAL
57. RESIDUAL_AMT_OF_GUARANTEE
58. RETURN_ITEMS
59. RETURN_ON_EQUITY
60. RISK_ADJ_AVG_BAL
61. TAX_EXEMPT_PCT
62. TOTAL_FEES
63. TOTAL_TRANSACTIONS

B.5 FSI_D_CREDIT_CARDS

List of deprecated Columns in FSI_D_CREDIT_CARDS table.

1. AGENCY_FEES

2. ALLOC_EQUITY
3. ALLOC_LLRL
4. ALLOC_LLRL_CR
5. ALLOC_MISC_1
6. ALLOC_MISC_2
7. ALLOC_MISC_3
8. ALLOC_MISC_4
9. ALLOC_MISC_5
10. ANNUAL_ACCT_FEE
11. AVAILABLE_CREDIT
12. AVERAGE_LIFE_C
13. AVG_NET_BOOK_BAL_C
14. BONUS_AMT
15. CARDS_ISSUED
16. CASH_BALANCE
17. CASH_RATE
18. CHARGE_OFF_BAL
19. COMMISSION_ON_COLLECTION
20. CONTRIB_AFTER_CAPITAL_CHG
21. CONVEXITY_C
22. CREDIT_BAL_INT_RATE
23. CREDIT_LINE
24. CREDIT_RISK_CAPITAL
25. CUR_CREDIT_LIMIT
26. CUR_NET_BOOK_BAL_C
27. CUR_NET_PAR_BAL_C
28. CUR_YIELD
29. CURRENT_FEES
30. CYCLE_DAY_OF_MONTH
31. DEL_LIFE_TIMES
32. DEL_YEAR_TIMES
33. DISPUTED_TRANSFER_BAL
34. DRAWN_AMT
35. DURATION_C
36. DV01_C
37. EBANKING_EXP
38. FINANCE_CHARGE_BAL
39. GROSS_FEE_INCOME

- 40. HIGH_BAL
- 41. LARGEST_OUTST_BAL
- 42. LAST_PAYMENT_AMT
- 43. LIMIT_USE_RATIO_C
- 44. MARGIN_T_RATE
- 45. MARKET_RISK_CAPITAL
- 46. MARKET_VALUE_CLEAN_C
- 47. MERCHANDISE_BAL
- 48. MERCHANDISE_RATE
- 49. MERCHANT_INT_RATE
- 50. MISC_ASSET_CHG
- 51. MISC_LIABILITY_CR
- 52. MODIFIED_DURATION_C
- 53. NET_FEE_INCOME
- 54. NET_INT_MARGIN
- 55. OP_RISK_CAPITAL
- 56. ORG_NET_BOOK_BAL_C
- 57. ORG_NET_PAR_BAL_C
- 58. ORIGINAL_CREDIT_LINE
- 59. OVER_LIMIT_BAL
- 60. OVER_LIMIT_CURRENT_CYCLE
- 61. OVER_LIMIT_LF_TIME
- 62. PURCH_SPECIAL_SERV_CHARGES
- 63. RATE_DECR_YEAR
- 64. RATE_INCR_YEAR
- 65. RESERVE_CHARGE_CREDIT
- 66. RETURN_ITEMS
- 67. RETURN_ON_EQUITY
- 68. RISK_ADJ_AVG_BAL
- 69. SPECIAL_PAYMENT_AMT
- 70. TAX_EXEMPT_PCT
- 71. TOTAL_CHARGES
- 72. TOTAL_FEES
- 73. TOTAL_TRANSACTIONS
- 74. UNDRAWN_AMT

B.6 FSI_D_CREDIT_LINES

List of deprecated Columns in FSI_D_CREDIT_LINES table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. ANNUAL_ACCT_FEE
9. AVAILABLE_CREDIT
10. AVERAGE_LIFE_C
11. AVG_NET_BOOK_BAL_C
12. CASH_BALANCE
13. CHARGE_OFF_BAL
14. COLLATERAL_MKT_VALUE
15. COLLATERAL_NOMINAL_VALUE
16. COMMISSION_ON_COLLECTION
17. CONTRIB_AFTER_CAPITAL_CHG
18. CONVEXITY_C
19. CREDIT_LINE
20. CUR_CREDIT_LIMIT
21. CUR_NET_BOOK_BAL_C
22. CUR_NET_PAR_BAL_C
23. CUR_YIELD
24. CURRENT_FEES
25. CYCLE_DAY_OF_MONTH
26. DEALER_RES_ORG
27. DEALER_RES_UNEARN
28. DEL_LIFE_TIMES
29. DEL_YEAR_TIMES
30. DISPUTED_TRANSFER_BAL
31. DRAWN_AMT
32. DURATION_C
33. DV01_C
34. EBANKING_EXP

35. FINANCE_CHARGE_BAL
36. GROSS_FEE_INCOME
37. HIGH_BAL
38. INITIAL_DIRCT_COST
39. LARGEST_OUTST_BAL
40. LAST_PAYMENT_AMT
41. LIMIT_USE_RATIO_C
42. LOW_BAL
43. MARGIN_T_RATE
44. MARKET_VALUE_CLEAN_C
45. MERCHANDISE_BAL
46. MERCHANDISE_RATE
47. MODIFIED_DURATION_C
48. NET_FEE_INCOME
49. NET_INT_MARGIN
50. NOTCH1_DOWNGRADE_CF_IMPACT
51. NOTCH10_DOWNGRADE_CF_IMPACT
52. NOTCH2_DOWNGRADE_CF_IMPACT
53. NOTCH3_DOWNGRADE_CF_IMPACT
54. NOTCH4_DOWNGRADE_CF_IMPACT
55. NOTCH5_DOWNGRADE_CF_IMPACT
56. NOTCH6_DOWNGRADE_CF_IMPACT
57. NOTCH7_DOWNGRADE_CF_IMPACT
58. NOTCH8_DOWNGRADE_CF_IMPACT
59. NOTCH9_DOWNGRADE_CF_IMPACT
60. NTNL_PRIN_AMT
61. ORG_INTEREST_AMT
62. ORG_LOAN_TO_VALUE
63. ORG_NET_BOOK_BAL_C
64. ORG_NET_PAR_BAL_C
65. ORIGINAL_CREDIT_LINE
66. RATE_DECR_YEAR
67. RATE_INCR_YEAR
68. RESERVE_CHARGE_CREDIT
69. RETURN_ITEMS
70. RETURN_ON_EQUITY
71. TAX_EXEMPT_PCT
72. TOTAL_CHARGES

- 73. TOTAL_FEES
- 74. TOTAL_FEES_AT_ORG
- 75. TOTAL_TRANSACTIONS
- 76. UNDRAWN_AMT

B.7 FSI_D_FUTURES

List of deprecated Columns in FSI_D_FUTURES table.

- 1. AGENCY_FEES
- 2. ALLOC_EQUITY
- 3. ALLOC_MISC_1
- 4. ALLOC_MISC_2
- 5. ALLOC_MISC_3
- 6. ALLOC_MISC_4
- 7. ALLOC_MISC_5
- 8. AVERAGE_LIFE_C
- 9. COMMISSION_ON_COLLECTION
- 10. CONTRACT_MULTIPLIER
- 11. CONTRACT_ORG_PRICE
- 12. CONTRACT_PRICE
- 13. CONVERSION_FACTOR
- 14. CONVEXITY_C
- 15. CUR_YIELD
- 16. DURATION_C
- 17. DV01_C
- 18. EBANKING_EXP
- 19. MARKET_VALUE_CLEAN_C
- 20. MODIFIED_DURATION_C
- 21. NO_OF_CONTRACTS
- 22. YTM_UNDERLYING_RATE

B.8 FSI_D_FX_CONTRACTS

List of deprecated Columns in FSI_D_FX_CONTRACTS table.

- 1. AGENCY_FEES
- 2. ALLOC_EQUITY
- 3. ALLOC_MISC_1
- 4. ALLOC_MISC_2
- 5. ALLOC_MISC_3

6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_DAILY_COLL_REQD
10. AVG_NET_BOOK_BAL_C
11. AVG_PEAK_INTRADAY_COLL_USED
12. COLLATERAL_MKT_VALUE
13. COLLATERAL_NOMINAL_VALUE
14. COMMISSION_FEES
15. COMMISSION_ON_COLLECTION
16. CONTRIB_AFTER_CAPITAL_CHG
17. CONVEXITY_C
18. CUR_NET_BOOK_BAL_C
19. CUR_NET_PAR_BAL_C
20. CUR_YIELD
21. DURATION_C
22. DV01_C
23. EBANKING_EXP
24. GROSS_FEE_INCOME
25. MARGIN_T_RATE
26. MARKET_VALUE_CLEAN_C
27. MODIFIED_DURATION_C
28. NET_FEE_INCOME
29. ORG_NET_BOOK_BAL_C
30. ORG_NET_PAR_BAL_C
31. TAX_EXEMPT_PCT
32. TOTAL_FEES
33. TOTAL_TRANSACTIONS

B.9 FSI_D_GUARANTEES

List of deprecated Columns in FSI_D_GUARANTEES table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4

7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_NET_BOOK_BAL_C
10. COMMISSION_ON_COLLECTION
11. CONVEXITY_C
12. CUR_NET_BOOK_BAL_C
13. CUR_NET_PAR_BAL_C
14. CUR_YIELD
15. DRAWN_AMT
16. DURATION_C
17. DV01_C
18. EBANKING_EXP
19. GUARANTEE_AMT
20. MARGIN_T_RATE
21. MARKET_VALUE_CLEAN_C
22. MODIFIED_DURATION_C
23. ORG_NET_BOOK_BAL_C
24. ORG_NET_PAR_BAL_C
25. RATE_DECR_YEAR
26. RATE_INCR_YEAR
27. TAX_EXEMPT_PCT
28. UNDRAWN_AMT

B.10 FSI_D_INVESTMENTS

List of deprecated Columns in FSI_D_INVESTMENTS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_DAILY_COLL_REQD
10. AVG_NET_BOOK_BAL_C
11. AVG_PEAK_INTRADAY_COLL_USED
12. COMMISSION_FEES

13. COMMISSION_ON_COLLECTION
14. COMMISSIONS_RATE
15. CONTRIB_AFTER_CAPITAL_CHG
16. CONVEXITY_C
17. CUR_NET_BOOK_BAL_C
18. CUR_NET_PAR_BAL_C
19. CUR_YIELD
20. DISCOUNT_PCT_BOND_TRANS
21. DISCOUNT_PCT_STOCK_TRANS
22. DURATION_C
23. DV01_C
24. EBANKING_EXP
25. GROSS_FEE_INCOME
26. LOAN_VALUE
27. MARGIN_T_RATE
28. MARKET_PRICE
29. MARKET_VALUE_CLEAN_C
30. MISC_ASSET_CHG
31. MISC_LIABILITY_CR
32. MKT_VS_BOOK_BAL_C
33. MODIFIED_DURATION_C
34. MTM_VALUE
35. NET_FEE_INCOME
36. NET_INT_MARGIN
37. NOMINAL_VALUE
38. OP_RISK_CAPITAL
39. ORG_NET_BOOK_BAL_C
40. ORG_NET_PAR_BAL_C
41. PURCHASE_PRICE
42. RATE_DECR_YEAR
43. RATE_INCR_YEAR
44. RESERVE_CHARGE_CREDIT
45. RETURN_ITEMS
46. RETURN_ON_EQUITY
47. SHARE_VALUE
48. SHARES
49. TAX_EXEMPT_PCT
50. TOTAL_FEES

51. TOTAL_TRANSACTIONS
52. UNENCUMBERED_AMT
53. VOLUME_OF_INSTRUMENTS

B.11 FSI_D_LEASES

List of deprecated Columns in FSI_D_LEASES table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_NET_BOOK_BAL_C
10. COLLATERAL_MKT_VALUE
11. COLLATERAL_NOMINAL_VALUE
12. COMMISSION_ON_COLLECTION
13. CONTRACT_AMT
14. CONTRIB_AFTER_CAPITAL_CHG
15. CONVEXITY_C
16. CUR_NET_BOOK_BAL_C
17. CUR_NET_PAR_BAL_C
18. CUR_YIELD
19. CURRENT_FEES
20. DEALER_RES_ORG
21. DEALER_RES_UNEARN
22. DEL_LIFE_TIMES
23. DEL_YEAR_TIMES
24. DISPOSED_ASSSETS
25. DURATION_C
26. DV01_C
27. EBANKING_EXP
28. GROSS_FEE_INCOME
29. INITIAL_DIRCT_COST
30. INVENTORIED_ASSETS
31. MARGIN_T_RATE

32. MARKET_VALUE_CLEAN_C
33. MODIFIED_DURATION_C
34. NET_FEE_INCOME
35. NET_INT_MARGIN
36. NUM_ASSETS
37. ORG_INTEREST_AMT
38. ORG_LOAN_TO_VALUE
39. ORG_NET_BOOK_BAL_C
40. ORG_NET_PAR_BAL_C
41. RATE_DECR_YEAR
42. RATE_INCR_YEAR
43. RESERVE_CHARGE_CREDIT
44. RESIDUAL_VALUE_RISK
45. RETURN_ITEMS
46. RETURN_ON_EQUITY
47. TAX_EXEMPT_PCT
48. TOTAL_FEES
49. TOTAL_FEES_AT_ORG
50. TOTAL_TRANSACTIONS

B.12 FSI_D_LEDGER_STAT_INSTRUMENT

List of deprecated Columns in FSI_D_LEDGER_STAT_INSTRUMENT table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_NET_BOOK_BAL_C
10. COMMISSION_ON_COLLECTION
11. CONVEXITY_C
12. CUR_NET_BOOK_BAL_C
13. CUR_NET_PAR_BAL_C
14. CUR_YIELD
15. DURATION_C

16. DV01_C
17. EBANKING_EXP
18. MARGIN_T_RATE
19. MARKET_VALUE_CLEAN_C
20. MODIFIED_DURATION_C
21. ORG_NET_BOOK_BAL_C
22. ORG_NET_PAR_BAL_C
23. RATE_DECR_YEAR
24. RATE_INCR_YEAR
25. TAX_EXEMPT_PCT

B.13 FSI_D_LOAN_COMMITMENTS

List of deprecated Columns in FSI_D_LOAN_COMMITMENTS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. COMMISSION_ON_COLLECTION
10. CONVEXITY_C
11. CUR_NET_PAR_BAL_C
12. CUR_YIELD
13. DURATION_C
14. DV01_C
15. EBANKING_EXP
16. MARGIN_T_RATE
17. MARKET_VALUE_CLEAN_C
18. MODIFIED_DURATION_C

B.14 FSI_D_LOAN_CONTRACTS

List of deprecated Columns in FSI_D_LOAN_CONTRACTS table.

1. ACCIDENT_HEALTH_PREMIUM
2. AGENCY_FEES
3. ALLOC_EQUITY

4. ALLOC_LLRL
5. ALLOC_LLRL_CR
6. ALLOC_MISC_1
7. ALLOC_MISC_2
8. ALLOC_MISC_3
9. ALLOC_MISC_4
10. ALLOC_MISC_5
11. AVERAGE_LIFE_C
12. AVG_NET_BOOK_BAL_C
13. BACKUP_LIQUID_COST
14. CALL_PRICE
15. COLLATERAL_MKT_VALUE
16. COLLATERAL_NOMINAL_VALUE
17. COMMISSION_ON_COLLECTION
18. COMMIT_UTIL_PCT_C
19. CONTRACT_AMT
20. CONTRIB_AFTER_CAPITAL_CHG
21. CONVEXITY_C
22. CREDIT_LIFE_INS_PREM
23. CREDIT_RISK_CAPITAL
24. CUR_NET_BOOK_BAL_C
25. CUR_NET_PAR_BAL_C
26. CUR_YIELD
27. CURRENT_FEES
28. DEALER_RES_ORG
29. DEALER_RES_UNEARN
30. DEL_LIFE_TIMES
31. DEL_YEAR_TIMES
32. DIST_FR_LIFE_CAP_C
33. DRAWN_AMT
34. DURATION_C
35. DV01_C
36. EBANKING_EXP
37. GROSS_FEE_INCOME
38. INITIAL_DIRCT_COST
39. INTEREST_CHARGE_CREDIT
40. INTEREST_OVERDUE
41. MARGIN_T_RATE

- 42. MARKET_RISK_CAPITAL
- 43. MARKET_VALUE_CLEAN_C
- 44. MISC_ASSET_CHG
- 45. MISC_LIABILITY_CR
- 46. MODIFIED_DURATION_C
- 47. NET_FEE_INCOME
- 48. NET_INT_MARGIN
- 49. NOTCH1_DOWNGRADE_CF_IMPACT
- 50. NOTCH10_DOWNGRADE_CF_IMPACT
- 51. NOTCH2_DOWNGRADE_CF_IMPACT
- 52. NOTCH3_DOWNGRADE_CF_IMPACT
- 53. NOTCH4_DOWNGRADE_CF_IMPACT
- 54. NOTCH5_DOWNGRADE_CF_IMPACT
- 55. NOTCH6_DOWNGRADE_CF_IMPACT
- 56. NOTCH7_DOWNGRADE_CF_IMPACT
- 57. NOTCH8_DOWNGRADE_CF_IMPACT
- 58. NOTCH9_DOWNGRADE_CF_IMPACT
- 59. OP_RISK_CAPITAL
- 60. ORG_INTEREST_AMT
- 61. ORG_LOAN_TO_VALUE
- 62. ORG_NET_BOOK_BAL_C
- 63. ORG_NET_PAR_BAL_C
- 64. PARTICIPATION_AMT_SOLD
- 65. PRIME_RATE
- 66. RATE_DECR_YEAR
- 67. RATE_INCR_YEAR
- 68. RESERVE_CHARGE_CREDIT
- 69. RETURN_ITEMS
- 70. RETURN_ON_EQUITY
- 71. RISK_ADJ_AVG_BAL
- 72. TAX_EXEMPT_PCT
- 73. TOTAL_FEES
- 74. TOTAL_FEES_AT_ORG
- 75. TOTAL_TRANSACTIONS
- 76. UNDRAWN_AMT

B.15 FSI_D_MERCHANT_CARDS

List of deprecated Columns in FSI_D_MERCHANT_CARDS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AUTHORIZATION_FEES
9. AVAILABLE_CREDIT
10. AVERAGE_LIFE_C
11. AVG_NET_BOOK_BAL_C
12. AVG_TICKET_BAL
13. BONUS_AMT
14. CASH_BALANCE
15. CASH_RATE
16. CHARGE_OFF_BAL
17. CHARGEBACK_EXP
18. COMMISSION_ON_COLLECTION
19. CONTRIB_AFTER_CAPITAL_CHG
20. CONVEXITY_C
21. CORRECTION_FEES
22. CREDIT_BAL_INT_RATE
23. CUR_CREDIT_LIMIT
24. CUR_NET_BOOK_BAL_C
25. CUR_NET_PAR_BAL_C
26. CUR_YIELD
27. CURRENT_FEES
28. CYCLE_DAY_OF_MONTH
29. DEL_LIFE_TIMES
30. DEL_YEAR_TIMES
31. DISCOUNT_RATE
32. DISCOUNTED_FEES
33. DURATION_C
34. DV01_C

- 35. EBANKING_EXP
- 36. FINANCE_CHARGE_BAL
- 37. FLOAT_DAYS_YTD
- 38. FLOAT_MGMT_FEES
- 39. GROSS_FEE_INCOME
- 40. LARGEST_OUTST_BAL
- 41. LAST_PAYMENT_AMT
- 42. LIMIT_USE_RATIO_C
- 43. MARGIN_T_RATE
- 44. MARKET_VALUE_CLEAN_C
- 45. MEMBER_DUES
- 46. MERCHANDISE_BAL
- 47. MERCHANDISE_RATE
- 48. MERCHANT_CHARGES
- 49. MODIFIED_DURATION_C
- 50. NET_FEE_INCOME
- 51. NET_INT_MARGIN
- 52. ORG_NET_BOOK_BAL_C
- 53. ORG_NET_PAR_BAL_C
- 54. ORIGINAL_CREDIT_LINE
- 55. OTHER_EXP
- 56. OVER_LIMIT_BAL
- 57. OVER_LIMIT_CURRENT_CYCLE
- 58. OVER_LIMIT_LF_TIME
- 59. RATE_DECR_YEAR
- 60. RATE_INCR_YEAR
- 61. RESERVE_CHARGE_CREDIT
- 62. RETURN_ITEMS
- 63. RETURN_ON_EQUITY
- 64. TAX_EXEMPT_PCT
- 65. TOTAL_CHARGES
- 66. TOTAL_FEES
- 67. TOTAL_TRANSACTIONS
- 68. VOLUME_REBATE_AMT
- 69. WARNING_BULLETINS_EXP

B.16 FSI_D_MM_CONTRACTS

List of deprecated Columns in FSI_D_MM_CONTRACTS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_DAILY_COLL_REQD
10. AVG_NET_BOOK_BAL_C
11. AVG_PEAK_INTRADAY_COLL_USED
12. COLLATERAL_MKT_VALUE
13. COLLATERAL_NOMINAL_VALUE
14. COMMISSION_FEES
15. COMMISSION_ON_COLLECTION
16. COMMISSIONS_RATE
17. CONTRACT_QUANTITY
18. CONTRIB_AFTER_CAPITAL_CHG
19. CONVEXITY_C
20. CUR_NET_BOOK_BAL_C
21. CUR_NET_PAR_BAL_C
22. CUR_YIELD
23. DISCOUNT_PCT_BOND_TRANS
24. DISCOUNT_PCT_STOCK_TRANS
25. DURATION_C
26. DV01_C
27. EBANKING_EXP
28. GROSS_FEE_INCOME
29. LOAN_VALUE
30. MARGIN_AMOUNT
31. MARGIN_T_RATE
32. MARKET_PRICE
33. MARKET_VALUE_CLEAN_C
34. MKT_VS_BOOK_BAL_C

35. MODIFIED_DURATION_C
36. MTM_VALUE
37. NET_FEE_INCOME
38. NET_INT_MARGIN
39. NOMINAL_VALUE
40. ORG_NET_BOOK_BAL_C
41. ORG_NET_PAR_BAL_C
42. PURCHASE_PRICE
43. RATE_DECR_YEAR
44. RATE_INCR_YEAR
45. RESERVE_CHARGE_CREDIT
46. RETURN_ITEMS
47. RETURN_ON_EQUITY
48. SHARE_VALUE
49. SHARES
50. TAX_EXEMPT_PCT
51. TOTAL_FEES
52. TOTAL_TRANSACTIONS
53. UNENCUMBERED_AMT

B.17 FSI_D_MORTGAGES

List of deprecated Columns in FSI_D_MORTGAGES table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_LLRR
4. ALLOC_LLRR_CR
5. ALLOC_MISC_1
6. ALLOC_MISC_2
7. ALLOC_MISC_3
8. ALLOC_MISC_4
9. ALLOC_MISC_5
10. APPROVED_AMT
11. ARM_BASE_RATE
12. AVERAGE_LIFE_C
13. AVG_NET_BOOK_BAL_C
14. COLLATERAL_MKT_VALUE
15. COLLATERAL_NOMINAL_VALUE

16. COMMISSION_ON_COLLECTION
17. CONTRACT_AMT
18. CONTRIB_AFTER_CAPITAL_CHG
19. CONVEXITY_C
20. CREDIT_RISK_CAPITAL
21. CUR_MIN_PMT
22. CUR_NET_BOOK_BAL_C
23. CUR_NET_PAR_BAL_C
24. CUR_YIELD
25. CURRENT_FEES
26. DEL_LIFE_TIMES
27. DEL_YEAR_TIMES
28. DIST_FR_LIFE_CAP_C
29. DRAWN_AMT
30. DURATION_C
31. DV01_C
32. EBANKING_EXP
33. FIRST_RESET_AGE
34. GROSS_FEE_INCOME
35. MARGIN_T_RATE
36. MARKET_RISK_CAPITAL
37. MARKET_VALUE_CLEAN_C
38. MISC_ASSET_CHG
39. MISC_LIABILITY_CR
40. MODIFIED_DURATION_C
41. MORT_INS_AMT
42. MORT_INS_CUTOFF
43. MORT_INS_PREMIUM
44. NET_FEE_INCOME
45. NET_INT_MARGIN
46. OP_RISK_CAPITAL
47. ORG_CUST_LTV
48. ORG_LOAN_TO_VALUE
49. ORG_NET_BOOK_BAL_C
50. ORG_NET_PAR_BAL_C
51. PARTICIPATION_AMT_SOLD
52. PREPAY_INDEX_TERM
53. RATE_DECR_YEAR

54. RATE_INCR_YEAR
55. RESERVE_CHARGE_CREDIT
56. RETURN_ITEMS
57. RETURN_ON_EQUITY
58. RISK_ADJ_AVG_BAL
59. TAX_EXEMPT_PCT
60. TOTAL_FEES
61. TOTAL_FEES_AT_ORG
62. TOTAL_TRANSACTIONS

B.18 FSI_D_MUTUAL_FUNDS

List of deprecated Columns in FSI_D_MUTUAL_FUNDS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_NET_BOOK_BAL_C
10. COMMISSION_FEES
11. COMMISSION_ON_COLLECTION
12. COMMISSIONS_RATE
13. CONTRACT_QUANTITY
14. CONTRIB_AFTER_CAPITAL_CHG
15. CONVEXITY_C
16. CUR_NET_BOOK_BAL_C
17. CUR_NET_PAR_BAL_C
18. CUR_YIELD
19. DISCOUNT_PCT_BOND_TRANS
20. DISCOUNT_PCT_STOCK_TRANS
21. DURATION_C
22. DV01_C
23. EBANKING_EXP
24. GROSS_FEE_INCOME
25. LOAN_VALUE

- 26. MARGIN_AMOUNT
- 27. MARGIN_T_RATE
- 28. MARKET_PRICE
- 29. MARKET_VALUE_CLEAN_C
- 30. MKT_VS_BOOK_BAL_C
- 31. MODIFIED_DURATION_C
- 32. MTM_VALUE
- 33. NET_FEE_INCOME
- 34. NET_INT_MARGIN
- 35. ORG_NET_BOOK_BAL_C
- 36. ORG_NET_PAR_BAL_C
- 37. PURCHASE_PRICE
- 38. RATE_DECR_YEAR
- 39. RATE_INCR_YEAR
- 40. RESERVE_CHARGE_CREDIT
- 41. RETURN_ITEMS
- 42. RETURN_ON_EQUITY
- 43. SHARE_VALUE
- 44. SHARES
- 45. TAX_EXEMPT_PCT
- 46. TOTAL_FEES
- 47. TOTAL_TRANSACTIONS

B.19 FSI_D_OTHER_SERVICES

List of deprecated Columns in FSI_D_OTHER_SERVICES table.

- 1. AGENCY_FEES
- 2. ALLOC_EQUITY
- 3. ALLOC_MISC_1
- 4. ALLOC_MISC_2
- 5. ALLOC_MISC_3
- 6. ALLOC_MISC_4
- 7. ALLOC_MISC_5
- 8. AVERAGE_LIFE_C
- 9. AVG_NET_BOOK_BAL_C
- 10. COMMISSION_ON_COLLECTION
- 11. CONTRIB_AFTER_CAPITAL_CHG
- 12. CONVEXITY_C

13. CUR_NET_BOOK_BAL_C
14. CUR_NET_PAR_BAL_C
15. CUR_YIELD
16. CURRENT_FEES
17. DURATION_C
18. DV01_C
19. EBANKING_EXP
20. GROSS_FEE_INCOME
21. MARGIN_T_RATE
22. MARKET_VALUE_CLEAN_C
23. MISC_ASSET_CHG
24. MISC_LIABILITY_CR
25. MODIFIED_DURATION_C
26. NET_FEE_INCOME
27. NET_INT_MARGIN
28. OP_RISK_CAPITAL
29. ORG_NET_BOOK_BAL_C
30. ORG_NET_PAR_BAL_C
31. RATE_DECR_YEAR
32. RATE_INCR_YEAR
33. RETURN_ITEMS
34. RETURN_ON_EQUITY
35. SAFE_DEPOSIT_BOX_FEE
36. TAX_EXEMPT_PCT
37. TOTAL_FEES
38. TOTAL_TRANSACTIONS

B.20 FSI_D_RETIREMENT_ACCOUNTS

List of deprecated Columns in FSI_D_RETIREMENT_ACCOUNTS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C

9. AVG_NET_BOOK_BAL_C
10. COMMISSION_ON_COLLECTION
11. CONTRIB_AFTER_CAPITAL_CHG
12. CONVEXITY_C
13. CUR_NET_BOOK_BAL_C
14. CUR_NET_PAR_BAL_C
15. CUR_YIELD
16. CURRENT_FEES
17. DEPOSIT_RESERVES_CHARGE
18. DURATION_C
19. DV01_C
20. EBANKING_EXP
21. GROSS_FEE_INCOME
22. HIGH_BAL
23. LAST_DEPOSIT_AMT
24. LAST_WITHDRAW_AMT
25. LOW_BAL
26. MARGIN_T_RATE
27. MARKET_PRICE
28. MARKET_VALUE_CLEAN_C
29. MAX_AMT_GUARANTEED
30. MKT_VS_BOOK_BAL_C
31. MODIFIED_DURATION_C
32. NET_FEE_INCOME
33. NET_INT_MARGIN
34. ORG_NET_BOOK_BAL_C
35. ORG_NET_PAR_BAL_C
36. PURCHASE_PRICE
37. RATE_DECR_YEAR
38. RATE_INCR_YEAR
39. RESIDUAL_AMT_OF_GUARANTEE
40. RETURN_ITEMS
41. RETURN_ON_EQUITY
42. TAX_EXEMPT_PCT
43. TOTAL_FEES
44. TOTAL_TRANSACTIONS

B.21 FSI_D_SWAPS

List of deprecated Columns in FSI_D_SWAPS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. COMMISSION_ON_COLLECTION
10. CONVEXITY_C
11. CUR_YIELD
12. DURATION_C
13. DV01_C
14. EBANKING_EXP
15. MARGIN_T_RATE
16. MARKET_VALUE_CLEAN_C
17. MODIFIED_DURATION_C
18. RATE_DECR_YEAR
19. RATE_INCR_YEAR

B.22 FSI_D_TERM_DEPOSITS

List of deprecated Columns in FSI_D_TERM_DEPOSITS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_COLLECT_BAL
10. AVG_NET_BOOK_BAL_C
11. COMMISSION_ON_COLLECTION
12. CONTRIB_AFTER_CAPITAL_CHG

13. CONVEXITY_C
14. CUR_NET_BOOK_BAL_C
15. CUR_NET_PAR_BAL_C
16. CUR_YIELD
17. CURRENT_FEES
18. DEPOSIT_FLOAT
19. DEPOSIT_RESERVES_CHARGE
20. DURATION_C
21. DV01_C
22. EBANKING_EXP
23. GROSS_FEE_INCOME
24. HIGH_BAL
25. LAST_DEPOSIT_AMT
26. LAST_WITHDRAW_AMT
27. LOW_BAL
28. MARGIN_T_RATE
29. MARKET_RISK_CAPITAL
30. MARKET_VALUE_CLEAN_C
31. MAX_AMT_GUARANTEED
32. MISC_ASSET_CHG
33. MISC_LIABILITY_CR
34. MODIFIED_DURATION_C
35. NET_FEE_INCOME
36. NET_INT_MARGIN
37. OP_RISK_CAPITAL
38. ORG_NET_BOOK_BAL_C
39. ORG_NET_PAR_BAL_C
40. RATE_DECR_YEAR
41. RATE_INCR_YEAR
42. REQ_VS_COLL_BAL_C
43. REQUIRED_BAL
44. RESIDUAL_AMT_OF_GUARANTEE
45. RETURN_ITEMS
46. RETURN_ON_EQUITY
47. RISK_ADJ_AVG_BAL
48. TAX_EXEMPT_PCT
49. TOTAL_FEES
50. TOTAL_TRANSACTIONS

B.23 FSI_D_TRUSTS

List of deprecated Columns in FSI_D_TRUSTS table.

1. AGENCY_FEES
2. ALLOC_EQUITY
3. ALLOC_MISC_1
4. ALLOC_MISC_2
5. ALLOC_MISC_3
6. ALLOC_MISC_4
7. ALLOC_MISC_5
8. AVERAGE_LIFE_C
9. AVG_NET_BOOK_BAL_C
10. BONDS_BAL
11. COMMISSION_FEES
12. COMMISSION_ON_COLLECTION
13. CONTRIB_AFTER_CAPITAL_CHG
14. CONVEXITY_C
15. CUR_NET_BOOK_BAL_C
16. CUR_NET_PAR_BAL_C
17. CUR_YIELD
18. CURRENT_FEES
19. DISCOUNT_PCT_BOND_TRANS
20. DISCOUNT_PCT_STOCK_TRANS
21. DURATION_C
22. DV01_C
23. EBANKING_EXP
24. EXPECTED_BAL
25. EXPECTED_BAL_GROWTH_PCT
26. FUNDS_BAL
27. GROSS_FEE_INCOME
28. LOAN_VALUE
29. MARGIN_T_RATE
30. MARKET_VALUE_CLEAN_C
31. MINIMUM_BALANCE
32. MODIFIED_DURATION_C
33. NET_FEE_INCOME
34. NET_INT_MARGIN

- 35. ORG_NET_BOOK_BAL_C
- 36. ORG_NET_PAR_BAL_C
- 37. OTHER_BAL
- 38. RATE_DECR_YEAR
- 39. RATE_INCR_YEAR
- 40. RETURN_ITEMS
- 41. RETURN_ON_EQUITY
- 42. STOCK_BAL
- 43. TAX_EXEMPT_PCT
- 44. TOTAL_FEES
- 45. TOTAL_TRANSACTIONS