Oracle Student Financial Aid Cloud Service

How do I export data from Student Financial Aid?

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

G48633-01

Author: Higher Education User Assistance Development Team

Contents

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Get Help

Get Help

There are a number of ways to learn more about your product and interact with Oracle and other users.

Get Help in the Applications

Some application pages have help icons ⑦ to give you access to contextual help. If you don't see any help icons on your page, click your user image or name in the global header and select Show Help Icons. If the page has contextual help, help icons will appear.

Get Training

Increase your knowledge of Oracle Cloud by taking courses at *Oracle University*.

Join Our Community

Use *Cloud Customer Connect* to get information from industry experts at Oracle and in the partner community. You can join forums to connect with other customers, post questions, suggest *ideas* for product enhancements, and watch events.

Share Your Feedback

We welcome your feedback about Oracle Applications user assistance. If you need clarification, find an error, or just want to tell us what you found helpful, we'd like to hear from you.

You can email your feedback to *oracle_fusion_applications_help_ww_grp@oracle.com*.

Thanks for helping us improve our user assistance!

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Get Help

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 1
About Exporting Data from Student Financial Aid

1 About Exporting Data from Student Financial Aid

Understand how Oracle Analytics Server (OAS) export views enable efficient, incremental data extraction with timestamps.

Oracle Student Financial Aid (SFA) provides efficient and incremental data extraction through OAS, which allows you to export only data that has changed since your last pull.

Purpose-built export views include create and update time stamp columns, making it easy to identify data changes and automate exports using APIs. This approach significantly reduces manual effort, lowers the risk of performance issues, and helps prevent overloads and timeouts that are common with full data extractions.

OAS provides clear folder structures and consistent naming conventions that makes it easy for users to locate and manage the data they need. Enhanced documentation further supports a seamless experience, enables smooth integration, advanced analytics, and scalable data workflows that keep your systems in sync and prepared for growth.

Here are SFA terms you'll come across when you work in OAS.

Oracle Student Financial Aid Reports and Views

Term	Definition
Export Views	Optimized database views that include time stamps for tracking data changes and serve as the source for exportable data.
	Export views are optimized to deliver just the data you need without duplication. Each exported row includes the date it was created and last updated.
	For older data created before time-stamp tracking, those fields will be empty unless Oracle has back filled them upon your request.
Data Models	Define how data is pulled from Export Views and how data is structured for use in Export Reports.
	Click **Open** > **Shared Folders** > **SFP Export** > **Export Data Models** > **Incremental**.
Export Reports	API-accessible reports in OAS that extract incremental data for integration into downstream systems.
	These reports are ready for use and pull data from the data models. They are ideal for exporting to external or back end systems.
	To find export reports, click **Open** > **Shared Folders** > **SFP Export** > **Export Reports** > **Incremental**.
Export View Documentation	A multitabbed report that you can use as a guide for integration and maintenance. This report provides details, field mappings, and change logs for all Export Views.
	To find the Export View Documentation report, click **Open** > **Shared Folders** > **SFP Export** > **Export View Documentation**.

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 1
About Exporting Data from Student Financial Aid

Note: Reports with names containing "_delete_incr" list records deleted since your last export. Use them with your standard incremental reports to keep downstream data current.

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 2
Access and Permissions

2 Access and Permissions

Control who can view and export sensitive data by managing access in Oracle Analytics Server.

For more information, see "Assign Access Permissions" in *Visualizing Data in Oracle Analytics Server*.

Review permissions regularly to ensure only authorized users can view and export sensitive data.

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 2
Access and Permissions

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 3
Export Data

3 **Export Data**

Locate incremental export reports, set parameters, and run them on a schedule that matches your data refresh needs.

To find export reports, click **Open** > **Shared Folders** > **SFP Export** > **Export Reports** > **Incremental**.

> **Note:** Reports with names containing "_delete_incr" list records deleted since your last export. Use them with your standard incremental reports to keep downstream data current.

- Decide what data you need and how often to extract it. Fast-changing data may run hourly; less dynamic data may run daily or twice daily.
- Set the **Start Date** parameter. Choose the earliest date for the changes you want to extract. For older records created before Export Views were enabled, see the historical data task.
- Set the **Interval in Minutes** parameter. Select the export window length (for example, 60 minutes). Use shorter intervals if files are large or time out.

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 3
Export Data

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 4
Export Data using the API

4 Export Data using the API

Automate exports with an API call using start date and interval parameters to control each extraction window.

We recommend that you automate the exporting of data with API calls. You will need to set the start date and interval as part of your request. The earliest start date is when Export Views is enabled for your environment, unless you have requested Oracle to back fill time stamps for historical data.

Here's an example API call for ADDRESS_EXPORT_INCR:

```
curl -X POST -u file_name:password -o file_name.csv -H "Content-Type:multipart/form-data" -F
 "ReportRequest={\"attributeFormat\":\"csv\",\"attributeTemplate\":\"ADDRESS_EXPORT_INCR\",
\"parameterNameValues\":{\"listOfParamNameValues\":{\"item\":[{\"name\":\"p_min\",\"values
\":{\"item\":\"60\"}},{\"name\":\"p_start_date\",\"values\":{\"item\":\"2025-10-12 00:00:00
 +0000\"}}]}}};type=application/json" https://xyz.sfp.ocs.oc-test.com/sfp11/bip/xmlpserver/services/rest/v1/
reports/SFP%20Export%252FExport%20Reports%252FIncremental%252FADDRESS_EXPORT_INCR/run
```

Results:

You will receive all rows and columns for the time period you specified.

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 4
Export Data using the API

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 5
Review Field and Relationship Details

5 Review Field and Relationship Details

Use the Export View Documentation report to identify updates to export views and whenever you need to check field details or relationships for data integration.

> **Note:** We recommend you review this report every release.

1. Click **Open** > **Shared Folders** > **SFP Export** > **Export View Documentation**.
2. From **View Name**, select an export view, then click **Apply**.

For each export view:

- **Export View Documentation** shows you all fields, data types, and descriptions for each export view.

- **Relation** shows you the parent and child relationships between views. This helps you understand data hierarchies and dependencies.

- **Change Log** shows what changed and in which release.

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 5
Review Field and Relationship Details

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 6
Get Historical Data for Export

6 Get Historical Data for Export

Export older records by requesting time stamp back fill and exporting in manageable time windows.

To get historical data for export—that is, records created before Export Views were enabled in your environment—submit a service request to Oracle Support.

Oracle back fills the create date and time for historical records, which is required for incremental exports using the API. Oracle assigns artificial time stamps so historical records can be exported in manageable segments. These time stamps don't reflect original creation or update times.

For example, if your data set contains 30 million rows, the assigned time stamps may span about 3.5 days. You can set a date range in your export parameters, such as a 5-minute window, to retrieve a subset of data at a time. If each row is incremented by 10 milliseconds, a 5-minute window returns roughly 30,000 rows.

Adjust the interval as needed to control the number of rows per export and repeat the process until all required historical data is retrieved.

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 6
Get Historical Data for Export

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 7
Best Practices for Exporting Data

7 Best Practices for Exporting Data

Use these tips to test, schedule, and manage incremental exports reliably and at scale.

- Test your export process in a refreshed test environment to verify extract size and output before moving to production.
- Always use both standard and "_delete_incr" reports to keep your back end in sync with deletions and changes in Oracle Student Financial Aid.
- Use the API to automate exports and schedule runs based on your data refresh needs.
- Keep track of your last export's date, time, and interval to avoid missing or duplicating data.
- Use Export View Documentation to stay current on fields and changes to export structures.
- Plan to join and process data in your back-end systems rather than building complex queries in Oracle Analytics Server.

ORACLE

Oracle Student Financial Aid Cloud Service
How do I export data from Student Financial Aid?

Chapter 7
Best Practices for Exporting Data

ORACLE