

# BIE Assessment Data Mart

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Tool Search: Assessment Data Mart

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Data Marts are stored collections of various student data records that districts and states use to federally report. Information stored in a data mart is uniquely collected by a snapshot and is a static copy of the original record. District-level and state-level users should follow the two-step validation and authentication process all data marts use to ensure the most accurate data is reported.

The **BIE Assessment Data Mart** is a collection of student assessment data that was previously added to the student's assessment record. Data collected and stored in this data mart can be reviewed in two ways:

1. Assessment Data Mart Report - information is reported in PDF or CSV format and must be generated individually for each school.
2. [Assessment Report](#) (Ad Hoc Reporting) - information for one to multiple schools displays on a pivot table where data can be analyzed using drill-down methods, sorting features, filter options and graphs to summarize the results.

The BIE Graduation Rate Data Mart tool is available in both BIE District Edition and NASIS State Edition sites.

**BIE Assessment Data Mart** ☆  
Reporting > BIE Reports > BIE Assessment Data Mart

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**BIE Assessment Data Mart Editor**

This tool is used to collect, validate and authenticate student assessment data for federal reporting.

Users must begin by selecting the 'Snapshot' button to start the data capture process. Data from the snapshot is then built into a table where it can be extracted into a readable report by selecting the 'Report' button.

It is recommended this tool be used after the completion of the school year.

**Snapshot**

Captures a snapshot of student data for validation and authentication.

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**Report**

Print a report of the data gathered by the snapshot. This option is not available until after a snapshot is captured.

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*BIE Assessment Data Mart Tool*

**Read** - View the BIE Assessment Data Mart tool.

**Write** - Generate snapshots and reports using the BIE Assessment Data Mart tool.

**Add**- N/A

**Delete** - N/A

Users must have tool rights to both the BIE Assessment Data Mart tool and its validation / authentication sub-tools. Users with **Read** rights to the BIE Assessment Data Mart tool will receive a notification in their [Process Alerts](#) when either a snapshot or report has finished processing. Only BIE State Edition users can generate an Authentication Snapshot. The Authentication Snapshot sub-right is ONLY available in NASIS State Edition sites.

For more information about Tool Rights and how they function, see the [Tool Rights](#) article.

## BIE Assessment Data Mart Logic

The following logic is used by the BIE Assessment Data Mart.

▶ [Click here to expand...](#)

## Assessment Requirements

Tool Search: Assessment Center

Before any test data can be added to a student's assessment record (where it can then be later retrieved by the data mart), a test structure must be defined using the Assessment Center tool. This tool controls what data elements should be collected from a test, how they will display on the student's assessment record, and if the assessment will be available to the BIE Assessment Data Mart.

▶ [Click here to expand...](#)

## Data Mart Workflow

Additional information regarding the process and workflow of a Data Mart can be viewed in the [Data Mart Workflow](#) article.

All Data Marts follow a two-step Validation and Authentication process. By following this process, student data can be reviewed and corrected before it is submitted on for federal reporting.

## Generate a Snapshot

Snapshots are the student data collection method used by data marts to capture specific data points (first name/last name, gender, etc.) from various locations in Campus and build them into a data table. Student information captured by a snapshot is static and is not reflective of real-time changes. As changes are made to student information, a new snapshot must be generated to update the data mart.



# Generate a Report

Generate a report for a specific school and school year to review or authenticate the student information captured by the snapshot. Only one school and school year may be selected at a time.

▶ [Click here to expand...](#)

## BIE Assessment Data Mart Reported Fields

The following fields display in a generated report. If the report is generated in CSV format, all fields are included and display. Reports generated in PDF format restrict the reported fields to only include NASIS ID and the assessment information.

▶ [Click here to expand...](#)

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