

BIE Assessment Report

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The BIE Assessment Report provides BIE district-level and NASIS state-level administrators the ability to analyze and interpret student assessment data previously collected by the BIE [Assessment Data Mart](#) tool. This tool relies on data collected by the Assessment Data Mart and does not retrieve data from any other sources or locations in Campus. Once generated, data represented in the report can be filtered, manipulated and viewed in a variety of formats that a user can externally export and share. Before using this report, review the following:

- [Report Logic](#)
- [Tool Rights](#)
- [Assessment Report Editor](#)
 - [Assessment Report Editor Field Descriptions](#)
 - [Generate the Report](#)
- [Understand the Assessment Report](#)
 - [Filtering](#)
 - [Charts and Graphs](#)
- [Format and Layout Options](#)
- [Export and Share](#)

The Assessment Report uses pivot table functionality. A pivot table is a data summation tool often found in spreadsheets and other business intelligence software. Pivot table tools can sort, count and total the data stored in a table or spreadsheet, and then display the data in a new table or chart. See the [Pivot Designer](#) article for more information on pivot tables.

This report **ONLY** uses data stored on the BIE Assessment Data Mart table. Data not collected by the Assessment Data Mart is not included.

This tool is available in both BIE District Edition and NASIS State Edition sites.

Assessment Report ☆

Reporting > Ad Hoc Reporting > Assessment Report

Assessment Report

The report will appear in spreadsheet format. Information on the tables can be exported into CSV, Excel, HTML, PDF or as an image.

Note the following:

- Students marked as No Show are not included.
- Students marked as State Exclude are included.

Data Source (Select only one) *Required

BIEDMAssessmentCertification
 BIEDMAssessmentVerification

Years to include in report (Use shift to select multiple) *Required

2020
 2021

Schools (Use shift to select multiple)

Knox Appalachian School
 Knox County Middle School
 Knox County Learning Academy
 DEWITT ELEMENTARY SCHOOL
 Flat Lick Elementary School
 GIRDLER ELEMENTARY SCHOOL

Test Subjects (Use shift to select multiple)

Math
 Science
 ELA

Add filters to include in report

- Disability
- English Learner
- Disadvantaged
- Migrant
- Homeless
- Foster Care
- Military Connection Status
- FAY
- Section 504
- Special Ed Setting
- Test Category

Generate Report

View Share Links

Delete Share Links

Assessment Report (BIE)

Report Logic

▶ [Click here to expand...](#)

Tool Rights

Tool rights are required to use the Assessment Report. Review the following areas tool rights must be given to successfully use this report.

Recipients of a shared URL link must (minimally) have **Read** rights to Data Analysis, Assessment Report and Pivot Designer to follow and view a link that was shared to them.

▶ [Click here to expand...](#)

Assessment Report Editor

Before generating the Assessment Report, review and select all data elements and filters the report should include from the report editor. Selections made here determine which of the BIE Assessment Data Mart's data tables the report will use and provide additional filtering options to cross reference and analyze the student data. If the report has already been generated, and important data or filtering selections were missed, close the window the report generated in and generate a new report after all desired selections are made.

Assessment Report ☆

Reporting > Ad Hoc Reporting > Assessment Report

Assessment Report

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Assessment Report editor

Assessment Report Editor Field Descriptions

Field	Description
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Field	Description
Data Source <i>Required</i>	<p>Identifies the data table the report will use to generate results. Only one Data Source can be selected.</p> <p>BIEDMAssessmentVerification</p> <ul style="list-style-type: none"> Data generates from the Validation table of the BIE Assessment Data Mart. <p>BIEDMAssessmentCertification</p> <ul style="list-style-type: none"> Data generates from the Authentication table of the BIE Assessment Data Mart. <ul style="list-style-type: none"> The authentication data table is a <u>snapshot</u> of the records in the validation data table. Reporting outputs may be different if the validation table was updated with a more recent snapshot and the authentication table was not. <p><i>**Only student data stored in the BIE Assessment Data Mart is included in this report.</i></p>
Years to include in report <i>Required</i>	<p>Identifies all the school years the report should include. When the report generates, years will display as an expandable dimension and can be filtered to a specific year(s).</p> <p><i>Each year requires it's own BIE Assessment Data Mart. If a data mart does not exist for a year a report can not be generated.</i></p>
Schools	<p>Identifies which schools the report should include. When the report generates, each selected school will display as an expandable dimension. Filtering is available to include/exclude specific schools when viewing the report.</p>
Test Subjects	<p>Identifies which assessment test subjects to include in the report. When the report generates, each Test Subject selected will display as an expandable dimension. Filtering is available to include/exclude specific test subjects when viewing the report.</p>
Add filters to include in report	<p>Select any additional filters you would like to use when viewing the report. Filters selected here are become an available filter option in the report but are not automatically applied.</p>
Generate Report	<p>When generated, the Assessment Report opens in Pivot Designer in a new window.</p>
View Share Links	<p>Populates a list of all shared links in CSV format.</p>
Delete Share Links	<p>Deletes all shared links. Selecting Delete Share Links will override the URL's expiration date. Expiration dates are entered at the time the URL was generated and automatically delete on the specified date and time.</p>

Generate the Report

1. Select one **Data Source**.
2. Select a year from the **Years to Include** list. Use the CTRL or SHIFT keys to make multiple selections.
3. Select a school from the **Schools** list. Use the CTRL or SHIFT keys to make multiple selections.
4. Select a **Test Subject**. Use the CTRL or SHIFT keys to make multiple selections.
5. Select a **filter** or multiple filters to add to the report (optional).
6. Select **Generate Report**. Report opens in a new window on a pivot table.

TESTNAME	NASISID	GRADE	GENDER	RACEETHNICITY	PARTICIPATIONSTATUS					
All	All	All	All	All	All					
1	2	3	4	5	6					
1	ENDYEAR									
2	DISTRICTNAME									
3	SCHOOLNAME									
4	TESTSUBJECT	Total Count of Students	Count of Well Below Performance Level	Count of Below Performance Level	Count of Meets Performance Level	Count of Exceeds Performance Level				
5	2021	5652	3325	1460	677	88				
6	Grant County	5652	3325	1460	677	88				
7	G R Elementary School	657	396	189	78	8				
8	G W ELEMENTARY SCHOOL	984	560	255	137	25				
9	Grant Appalachian School	165	83	54	19	4				
10	Grant Central High School	2434	1508	588	265	30				
11	Grant County Middle School	1412	778	404	178	21				
12	2020	5	3	2	0	0				
13	Grand Total	5657	3328	1462	677	88				

Grid View of Generated Assessment Report

Understand the Assessment Report

The Assessment Analysis Report opens in Pivot Designer where pivot table functionality can be used to sort, group, summarize, and count student assessment records pulled from the BIE Assessment Data Mart's data tables. By default, the report generates in grid view using default formats. Reporting **dimensions** (School Year, District, School, Test Subject) display in the first column along the left side of the grid. Each dimension can be expanded and filtered on to narrow down, manipulate and focus on specific data points. Additional dimensions, or labels, display in a row along the top of the report and include any previously selected filters from the report editor.

The screenshot shows the Pivot Designer interface with a pivot table. The table has columns for 'Total Count of Students', 'Count of Well Below Performance Level', 'Count of Below Performance Level', 'Count of Meets Performance Level', and 'Count of Exceeds Performance Level'. The rows are grouped by 'ENDYEAR' (2021 and 2020) and 'DISTRICTNAME' (Grant County and its schools). Callouts indicate: 'Additional dimensions to filter data on.' pointing to the top filter bar; 'Select the gear icon to display the filtering options available for a dimension. A funnel displays when a filter has been applied.' pointing to the gear icon; 'Right-click on the column header to change formatting, drill-through data and display the counts as percents.' pointing to a column header; and 'Expand and collapse rows by selecting the triangle icon.' pointing to the triangle icon in the row headers.

ENDYEAR	DISTRICTNAME	SCHOOLNAME	TESTSUBJECT	Total Count of Students	Count of Well Below Performance Level	Count of Below Performance Level	Count of Meets Performance Level	Count of Exceeds Performance Level
2021	Grant County	G R Elementary School		4668	2765	1205	540	53
2021	Grant County	Grant Appalachian School		4668	2765	1205	540	53
2021	Grant County	Grant Central High School			396	159	78	8
2021	Grant County	Grant County Middle School			83	54	19	4
2021	Grant County			1508	778	588	265	30
2021	Grant County			1412	778	404	178	21
2020				5	3	2	0	0
Grand Total				4673	2768	1207	540	53

Assessment Report in Pivot Designer

Filtering

Filtering options are available and provide a way for a user to cross-reference and analyze specific data points. Users may find filtering necessary to compare yearly totals, understand the impacts demographics play in overall counts, and simply reduce the amount of data being displayed.

When a filter is applied, excluded data is hidden until the filter is either removed, or the report is closed. Filters are not automatically applied when the report generates and are not saved when the report is closed.

More information on filtering can be found in the Pivot Designer article under the section [Understand Pivots](#).

► [Click here to expand...](#)

Charts and Graphs

Charts and graphs provide a way for users to analyze and interpret the data by viewing it in different formats. To view the information in a chart, click on the Charts icon and select from the options listed. Additional information on charts and graphs can be found in the [Create Charts from Pivot Data](#) section of the [Pivot Designer](#) article.

Charts and graphs respect any filtering that has been applied to the report.

Select **Grid** to return to the report's default format.

The screenshot displays the Pivot Designer interface. On the left, a table lists fields: TESTNAME, NASIS, ENDYEAR, DISTRICTNAME, SCHOOLNAME, TESTSUBJECT, and Grand Total. The main area shows a data table with columns for RACEETHNICITY, PARTICIPATIONSTATUS, DISABILITY, and ENGLISH. A 'Charts' menu is open, listing options like Column, Bar, Line, Scatter, Pie, Stacked column, Column line, Multiple values, and Kendo - Bar. A pie chart is shown below, representing the 'Count of Students' for the year 2020, broken down by school: Grant Central High School (2434), Grant County Middle School (1412), G W ELEMENTARY SCHOOL (984), Grant Appalachian School (165), and G R Elementary School (657). A legend below the chart lists the schools with expandable icons.

Example of Pie Chart

Format and Layout Options

Formatting and layout options are available to customize how the data in the report displays. Default selections are applied when the report is first generated. Additional information about Format, Options and Fields can be found in the [Format and Layout Options](#) section of the [Pivot Designer](#) article.

Format and Layout Options

Fields

Fields allow you to manipulate the order of how data displays in the report. Using the drag and drop method, users have control over the placement of all reported fields.

▶ [Click here to expand...](#)

Options

Options allows a user to adjust the layout of the report including the display of subtotals and grand totals. More information about Options can be found in the [Format and Layout Options](#) section of the [Pivot Designer](#) article.

▶ [Click here to expand...](#)

Format

Format options allow you to modify how cells represent data within the pivot table.

▶ [Click here to expand...](#)

Export and Share

Users may choose to *Export* the report to a number of external formats, or *Share* the report's URL with another Campus user. More information about Export and Share can be found in the [Export and Share Pivots](#) section of the [Pivot Designer](#) article.

▶ [Click here to expand...](#)