

BIE Assessment Report

Last Modified on 10/21/2024 8:20 am CDT

Tool Search: Assessment Report

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:

- [Assessment Report Editor](#)
- [Report Logic](#)
- [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. Any data not collected by the Assessment Data Mart is **not** included.

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 Editor

- Read** - Select and view Assessment Report links
- Write** - Save and share Assessment Report links.
- Add** - View all shared Assessment Report links.
- Delete** - Delete shared Assessment Report links.

Users must also have tool rights to the Pivot Designer tool. Recipients of a shared URL link must have at least **Read** rights to Assessment Report and Pivot Designer to follow and view a link that was shared with them. For more information about Tool Rights and how they function, see the [Tool Rights](#) article.

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 uses and provides 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 where the report generated and run a new report after all desired selections are made.

Report Logic

[Click here to expand...](#)

BIE Assessment Data Mart

- This report ONLY uses student data records from the BIE Assessment Data Mart table. If no records exist, or the data mart has not been created, this report will not work.
- Student data records contained in a data mart are year specific. To include a year in the Assessment Report, there must be a BIE Assessment Data Mart created for that year.

Students:

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

Assessment Report Editor Field Descriptions

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>

Field	Description
Years to include in report <i>*Required</i>	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). <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>
Schools	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.
Test Subjects	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.
Add filters to include in report	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.
Generate Report	When generated, the Assessment Report opens in Pivot Designer in a new window.
View Share Links	Populates a list of all shared links in CSV format.
Delete Share Links	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.

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	
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	159	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.

TESTNAME	NASISID	GRADE	GENDER	RACEETHNICITY	PARTICIPATIONSTATUS	
1	2	3	4			
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	4668	2765	1205	540	63
6	Grant County	4668	2765	1205	540	63
7	G R Elementary School		396	159	78	8
8	Grant Appalachian School		83	54	19	4
9	Grant Central High School		1508	588	265	30
10	Grant County Middle School	1412	778	404	178	21
11	2020	5	3	2	0	0
12	Grand Total	4673	2768	1207	540	63

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...](#)

Add a Filter

Filtering a Dimension

1. Select the gear icon to the right of the dimension header.
2. Remove the check mark from the fields the filter should not include.
3. Select Apply. All report counts will filter to only include student's who meet the criteria of the filter.

Remove a Filter

1. Select the gear icon associated to the dimension you wish to remove the filter from.
2. Select the "Select All" check box to mass select all boxes. The filter is removed when all boxes are selected.
3. Select Apply.

Assessment Report Editor Filter Options

Before generating the report, additional filters are available for selection from the Assessment

Report editor. Filters selected here are optional and are not required for the report to generate.

When the report is generated, any filters selected here will display along the top of the report as a 'Label'. A user must select the gear icon to the right of the label's name to apply a filter.

The screenshot shows the 'Assessment Report' editor. On the left, there are sections for 'Data Source' (with 'BIEDMAssessmentCertification' selected), 'Years to include in report' (with '2021' and '2020' selected), and a list of 'Add filters to include in report'. The filters listed are: Disability (checked), English Learner (checked), Disadvantaged (unchecked), Migrant (unchecked), Homeless (checked), Foster Care (checked), Military Connection Status (unchecked), FAY (unchecked), Section 504 (unchecked), Special Ed Setting (unchecked), and Test Category (unchecked).

On the right, a report table is shown with columns: TESTNAME, NASISID, GRADE, GENDER, RACEETHNICITY, PARTICIPATIONSTATUS, DISABILITY, ENGLISHLEARNER, HOMELESS, and FOSTERCARE. Below the table, a summary table is visible:

Below Performance Level	Count of Meets Performance Level	Count of Exceeds Perf
1460	677	
2	0	
1462	677	

A pop-up window titled 'englishLearner' is open, showing a 'Filter by: LABELS' section with 'Select All' (checked), 'N' (checked), and 'Y' (checked). The window also has 'APPLY' and 'CANCEL' buttons.

Assessment Report Editor Filters

Add a Report Editor Filter

The following steps only apply to the additional filter options available for selection in the report editor. Selections must be made prior to generating the report. Additional filter options can not be added once the report has generated. If a filter is missed, close the window the report generated in and start over.

1. From the *Assessment Report* editor screen, select all additional filters you wish to include. Once all data and filter selections have been made, select **Generate Report**.
2. After the report has generated, select the gear icon for the label you wish to apply a filter to. A pop-up window displays with available filtering options.
 - 'All' displays below the name of a label when a filter is not applied. By default, filters are not applied when the report is generated.
3. Remove the check mark from the fields you do not want the filter to include.

- In this example, by removing the selection from the 'N' (No) checkbox, the report will filter to only include EL student counts.
4. Select Apply. Report counts filter to only include student's who meet the criteria of the filter.

Note - If applying a filter to one of the report's default labels, ignore step one. Default labels can not be selected/unselected from the report editor and automatically display when the report generates.

Default labels include: *TestName, NASISID, Grade, Gender, RaceEthnicity, ParticipationStatus.*

Remove a Filter

1. Select the label you wish to remove the filter from.
2. Select the "Select All" check box to select every box. All boxes must be selected to remove filtering.
3. Select Apply.

The screenshot shows the Infinite Campus report editor interface. At the top, there are icons for Export, Grid, Charts, and Share. On the right, there are icons for Format, Options, Fields, and Fullscreen. Below these is a filter bar with various fields: TESTNAME, NASISID, GRADE, GENDER, RACEETHNICITY, PARTICIPATIONSTATUS, DISABILITY, ENGLISHLEARNER, HOMELESS, and FO8TERCARE. Each field has a dropdown menu and a 'Select All' checkbox. The main area is a table with columns for ENDYEAR, DISTRICTNAME, SCHOOLNAME, TESTSUBJECT, and performance level counts (L1, L2, L3, L4). The table shows data for a specific test subject (2021) and a grand total. The performance level counts are color-coded: L1 (orange), L2 (yellow), L3 (green), and L4 (dark green).

TESTSUBJECT	Total Count of BIEDM Assessment/VerificationID	Count of L1 Performance Level	Count of L2 Performance Level	Count of L3 Performance Level	Count of L4 Performance Level
2021	7623	4408	2088	927	118
Grand Total	7623	4408	2088	927	118

Remove a Filter

Note - This process can also be followed to remove filters applied to any of the report's default labels. Default labels include: *TestName, NASISID, Grade, Gender, RaceEthnicity, ParticipationStatus.*

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 shows the Pivot Designer interface with the 'Charts' menu open. The menu options are: Column, Bar, Line, Scatter, Pie, Stacked column, Column line, Multiple values, and Kendo - Bar. A pie chart is displayed, showing the distribution of students across schools for the year 2020. The data is as follows:

School	Count
Grant County Middle School	1412
Grant Central High School	2434
G R Elementary School	657
G W ELEMENTARY SCHOOL	984
Grant Appalachian School	165

The pie chart also shows a legend for 2021, which is currently collapsed.

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.

TESTNAME	NASISID	GRADE	GENDER	RACEETHNICITY	PARTICIPATIONSTATUS	
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	159	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

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...](#)

Fields

Drag and drop fields to arrange

All Fields

- authenticationTimes...
- BIEDMAssessment...
- BIEDMAssess...
- birthdate
- disability
- disadvantaged
- districtGUID
- districtID

Report Filters

- testName
- nasid
- grade

Rows

- endYear
- districtName
- schoolName

Values

- Count of BIEDMA... Σ
- Count of L1 Perf...
- Count of L2 Perf...

Fields

Values

To get a count of a data set, drag and drop the selected field(s) into *Values* and select Apply. A new column for the field will display in the report with student subtotals. To remove a field, drag and drop the field back to the All Fields list.

Fields

Drag and drop fields to arrange

All Fields
Expand All

- gender
- grade
- homeless
- L1
- L2
- L3
- L4
- testName

Report Filters

- testName
- nasisID
- grade

Columns

- Σ Values

Drop field here

Rows

- endYear
- districtName
- schoolName

Values

- Sum of grade
- Count of Students
- Count of Well Bel...

1	ENDYEAR			
2	DISTRICTNAME			
3	SCHOOLNAME			
4	TESTSUBJECT	Total Sum of grade	Total Count of Students	Count of Well B...
5	▶ 2021	34122	5652	3325
6	▶ 2020	35	5	3
7	Grand Total	34157	5657	3328
8				

Editing Field Values

Rows and Columns

Using drag and drop, users can add and reorder fields to display the data in different ways when viewing the report. To remove a field, drag and drop the field back to the All Fields list.

Fields

Drag and drop fields to arrange

All Fields
Expand All

- authenticationTimes...
- BIEDMAssessment...
- birthdate
- disability
- disadvantaged
- districtGUID
- districtID
- districtName

Report Filters

- testName
- nasisID
- grade

Rows

- endYear
- Σ Values

Drop field here

Columns

- testSubject
- districtName
- schoolName

Add calculated value

	TESTSUBJECT	DISTRICTNAME	SCHOOLNAME	Grand Total
1	ELA	Math	Science	
2	ENDYEAR			
3	2021			
4	Sum of grade			
5	10523	10595	13004	34122
6	Count of Students			
7	1885	1885	1882	5652
8	Count of Well Below Performance Level			
9	1076	1205	1044	3325
10	Count of Below Performance Level			
11	470	453	537	1460
12	Count of Meets Performance Level			
13	248	157	272	677
14	Count of Exceeds Performance Level			
15	32	27	29	88
16	2020			
17	Sum of grade			
18	14		21	35
19	Count of Students			
20	2	0	3	5
21	Count of Well Below Performance Level			
22	1		2	3
23	Count of Below Performance Level			
24	1		1	2
25	Count of Meets Performance Level			
26	0		0	0

Editing Rows and Columns

Report Filters

Using drag and drop, users can add fields to *Report Filters* as additional filtering options to use in the report. Fields added to Report Filters display as a label at the top of the report. To remove a field, drag and drop the field back to the All Fields list.

Refer to the Filtering section of this article on how to apply a filter.

Fields

Drag and drop fields to arrange

All Fields
Expand All

- firstName
- fosterCare
- gender
- grade
- homeless
- L1
- L2

Report Filters

- firstName
- testName

Rows

- endYear
- districtName
- schoolName

Columns

- Σ Values

Drop field here

Add calculated value

	FIRSTNAME	TESTNAME	NASISID	GRADE	GENDER	RACEETHNICITY	PARTICIPATION
1	1				2	3	4
2	ENDYEAR						
3	DISTRICTNAME						
4	SCHOOLNAME						
5	TESTSUBJECT		Total Count of Students		Count of Well Below...	Count of Below	
6	2021				12271	7276	
7	2020				8	4	
8	Grand Total				12279	7280	

Editing Report Filters

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...](#)

The screenshot shows a pivot table with columns for various demographic and performance metrics. A red box highlights the 'Options' button in the top right corner of the interface. A red arrow points from this button to the 'Layout options' dialog box that is open in the foreground.

Layout options

GRAND TOTALS

- Do not show grand totals
- Show grand totals
- Show for rows only
- Show for columns only

SUBTOTALS

- Do not show subtotals
- Show subtotals
- Show subtotal rows only
- Show subtotal columns only

LAYOUT

- Compact form
- Classic form
- Flat form

Buttons: APPLY, CANCEL

Layout Options

Format

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

▶ [Click here to expand...](#)

To access format options, click the Format button and select one of the following options:

- **Format cells** - This editor allows you to control how text within the cell is aligned, what value is reported in the cells, how decimals are used, the current symbol used, any default null value you want the table to display, and whether or not you want data displayed as a percentage.
- **Conditional formatting** - This editor allows you to set cell value thresholds as to whether or not the data is reported for each cell (less than or greater than a certain value) as well as

modify the cell text size and font.

Refer to the [Format Options and Layout](#) section of the [Pivot Designer](#) article for additional information.

Format Options

Other Formatting Options

Right-click on any of the column headers to select from a list of additional formatting options.

To change the reported values from displaying as a **Count** to display as a **Percent**, right-click on any of the column headers and select "As Percent".

Formatting Options - Right-click on Column Header

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...](#)

Export

When a report is exported to another format such as PDF, CSV or HTML, the reported data elements are no longer linked to Campus' data tables. At this point, exported data is static and only represents the state of the data at the time the report was generated. Using the Export option, reported findings can be added to non-Campus tools for purposes of outside reporting or sharing with stakeholders who may not otherwise have access to it. Export can be used with any of the Charts formats.

NAME	NASISID	GRADE	GENDER	RACEETHNICITY	PARTICIPATIONSTATUS	
	All	All	All	All	All	
		2	3	4	5	6
		Total Count of...	Count of Wel...	Count of B...	Count of Me...	Count of Ex...
		12271	7276	3165	1432	188
6	▶ Grant County	12271	7276	3165	1432	188
7	▼ 2020	8	4	4	0	0
8	▶ Grant County	8	4	4	0	0
9	Grand Total	12279	7280	3169	1432	188

Export Assessment Report

Share

Use the Share option to share a link of the current view of the Assessment Report with another user. The recipient of the URL must (minimally) have **Read** rights to the Assessment Report and Pivot Designer tool to view what was shared. Access to the report using a shared link will expire based on the date and time entered in the *Share Link Expiration Date* fields.

The screenshot shows the 'Share' button highlighted in a red box. A dialog box titled 'Share the Report' is open, displaying the following information:

Copied to the clipboard:
<https://issuetest8134.infinitecampus.com/campus/pivotFM?layoutID=85&preBuildReportName=assessment>

Share Link Expiration Date:
 05/28/2021 08:57 AM

A 'SAVE' button is located at the bottom of the dialog.

TESTNAME	NASISID	GRADE	GENDER	RACEETHNICITY	PARTICIPATIONSTATUS		
1	All	All					
1	ENDYEAR						
2	DISTRICTNAME						
3	SCHOOLNAME						
4	TESTSUBJECT	Total Count of B					
5	▼ 2021				188		
6	▶ Knox County				188		
7	▼ 2020				0		
8	▶ Knox County				0		
9	Grand Total		12379	7343	3190	1445	188

Share Assessment Report

View Share Links

From the Assessment Report editor, users who have been assigned (W)rite tool rights to the report can view a CSV list of only the links they have created by selecting the *View Share Links* button. If a user is also assigned (A)dd and (D)elete tool rights they will be able to see all shared links created by any user in a CSV list.

Delete Share Links

Users who have (D)elete tool rights or who hold the *Student Information System Product Security* role can delete all shared links by selecting the Delete Share Links button (all links will be deleted if *Delete Share Links* is selected).

Schools (Use shift to select multiple)

- K County Elementary School
- K County High School
- K County Intermediate School
- K County Middle School

Test Subjects (Use shift to select multiple)

- Math
- Science
- ELA

[Generate Report](#) [View Share Links](#) [Delete Share Links](#)