Student Demographic Report (Pivot Designer)

Last Modified on 10/22/2022 10:01 am CDT

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Classic View: *Ad Hoc Reporting > Data Analysis > Student Demographic Report*

Search Term: *Student Demographic Report*

> This report is only available for users in districts who have purchased the Campus Analytics Suite.

The Student Demographic Report visualizes the distribution of Census > Demographics data like gender, age, and race/ethnicity. It can be grouped and filtered by school, calendar, or year making it ideal for identifying changes in demographic patterns year to year.

Tool Rights

PATH: *System Administration > User Security > USers > Tool Rights*

You must have at least **R**(ead) tool rights to the Pivot Designer and Student Demographic Report in order to generate this report.
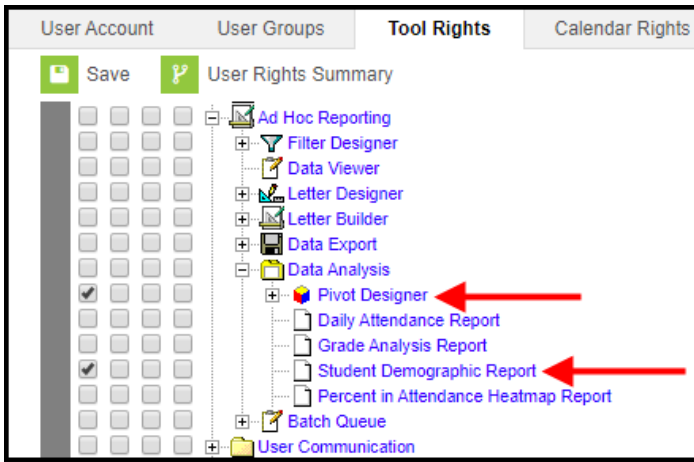
Generate the Report

There are many ways you can generate this report to find valuable and meaningful data. The following instructions will walk you through one of the many use cases for this report.

In this use case, we will analyze the distribution of the number of girls enrolled in a school compared to the number of boys in the school over the past 5 years.

1. To start, select the calendars for end years 2020-2016 and click **Generate Report**.

2. By default, data will appear in a color-coded bar graph. Click the **Fields** icon.
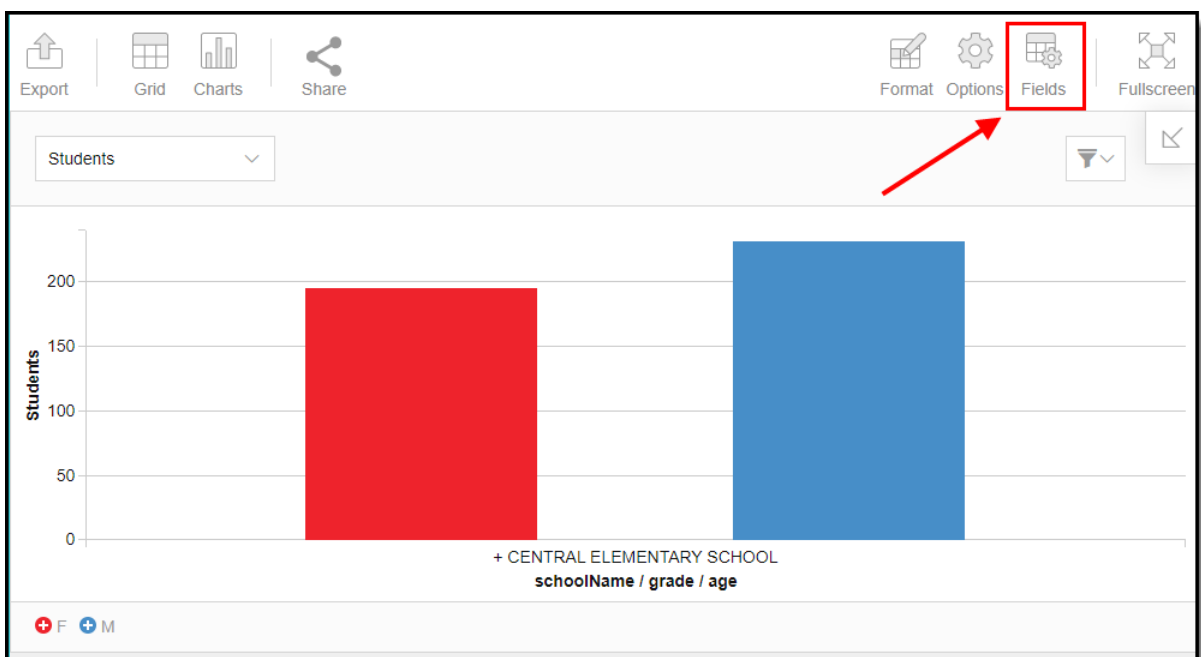
3. Mark the endYear checkbox, drag it into the Rows area (see image below) and click **Apply**.
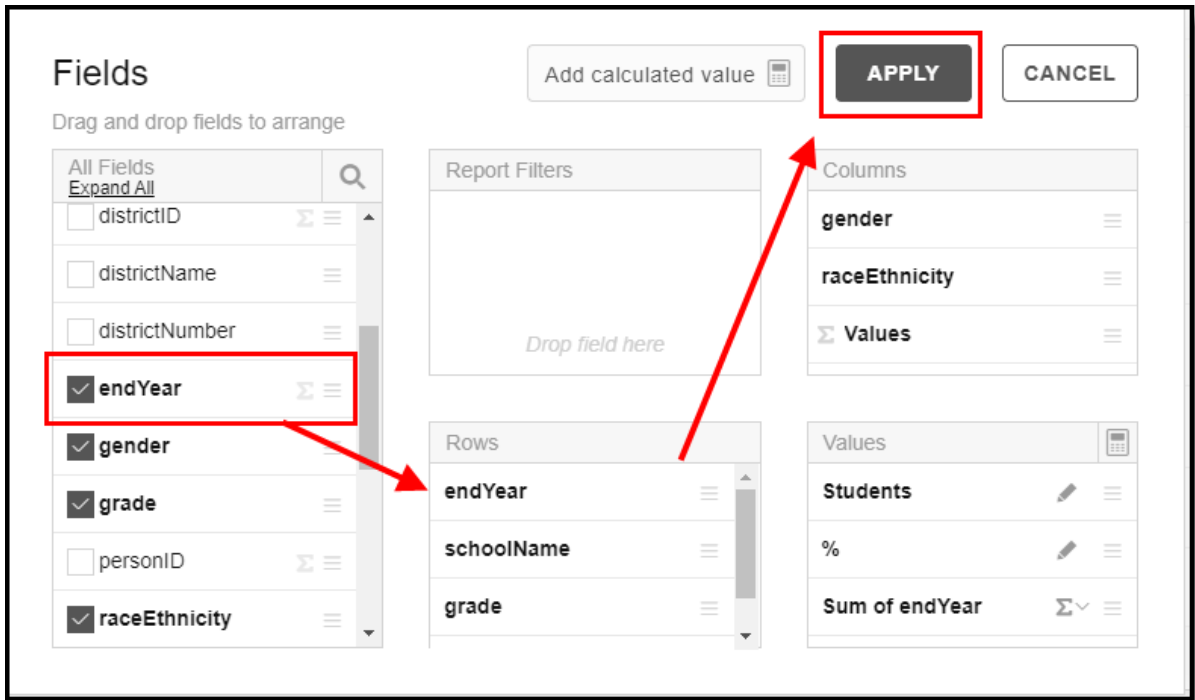
4. Once applied, the distribution of gender by year displays. Bar chart is the default, but you can change this to other chart options by clicking the Charts button.
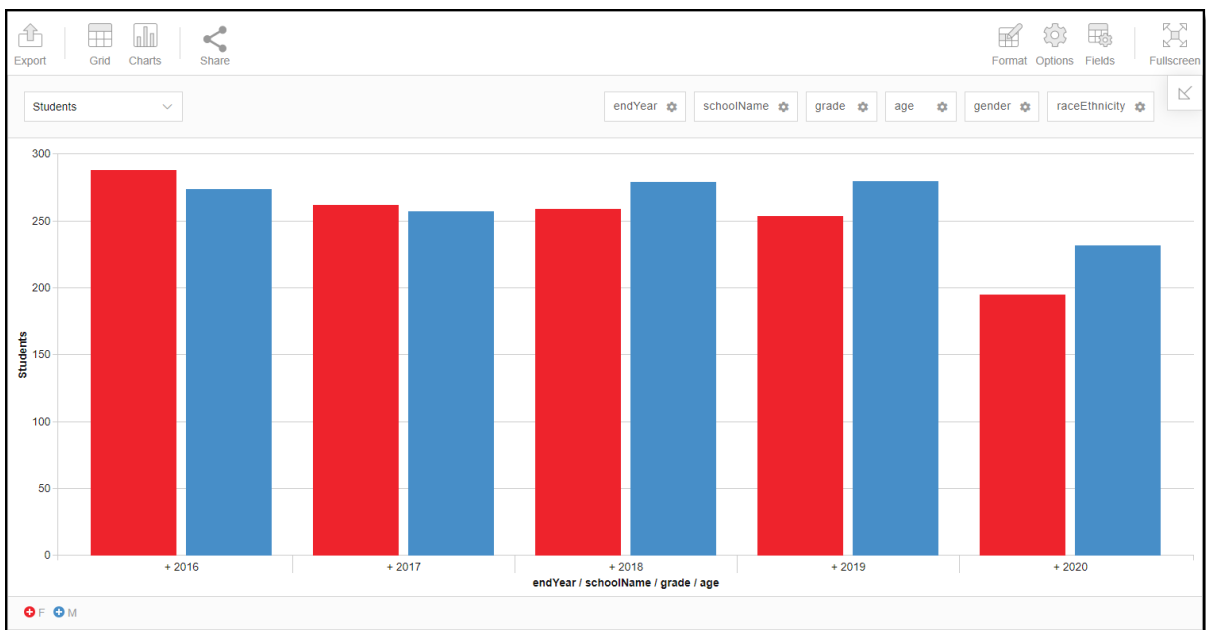
5. If you want to drill down into the data or expand multiple dimensions, you can switch to the grid view by clicking the Grid icon and double-clicking individual cells within the grid or by expanding rows/columns.

When looking at gender data using the grid you may notice the cells are colored. That is

	1		2	3	4	5	6	7
1	ENDYEAR ⚙							
2	SCHOOLNAME	⚙	GENDER ⚙ RACEETHNICITY ⚙					
3	GRADE	⚙	▶ F		▶ M		Totals	
4	AGE	⚙	Students	%	Students	%	Students	%
5	▶ 2016		288	51.25%	274	48.75%	562	100.00%
6	▶ 2017		262	50.48%	257	49.52%	519	100.00%
7	▶ 2018		259	48.14%	279	51.86%	538	100.00%
8	▶ 2019		254	47.57%	280	52.43%	534	100.00%
9	▶ 2020		195	45.67%	232	54.33%	427	100.00%
10	Grand Total		506	48.76%	536	51.24%	1 042	100.00%

Filter Dimensions and Modify Report Options

You can filter a report dimension by clicking the gear icon ⚙ next to the dimension header. From here you can filter dimension data by label or value as well as modify the dimension sort order. For more information about filtering dimensions, see the Pivot Designer article.

	1		2	3	4	5	6	7	8	9
1	ENDYEAR ⚙									
2	SCHOOLNAME ⚙		GENDER ⚙ RACEETHNICITY ⚙							
3	GRADE	⚙	▶ F			▶ M			Totals	
4	AGE	⚙	Students	%	Sum of endYear	Students	%	Sum of endYear	Students	%
5	▶ 2016		288	51.25%	580 608	274	48.75%	552 384	562	100.00%
6	▶ 2017		262	50.48%	528 454	257	49.52%	518 369	519	100.00%
7	▶ 2018							563 022	538	100.00%
8	▶ 2019							565 320	534	100.00%
9	▶ 2020							468 640	427	100.00%
10	Grand Total							2 667 735	1 042	100.00%

grade   [APPLY] [CANCEL]

Filter by: [LABELS] [VALUES]   [AZ] [ZA]

☑ **Select All**   10 of 10 selected   Search 🔍

☑ 00
☑ 01
☑ 02
☑ 03
☑ 04
☑ 05

Selecting the **Fields** icon allows you to modify the order of the fields in the pivot, add or remove fields from the pivot table, and modify which fields are used in rows or columns.

You can also modify or insert specific calculations to be used in the pivot table by clicking the **Add calculated value** button. When adding calculated values, users can use aggregation key words to produce aggregates that aren't available when selecting the sigma droplist.

For more information about modifying fields and adding calculated values, see the Pivot Designer article.

Format and Layout Options

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

The **Options** menu gives you layout options for how you would like the table to be displayed (Layout), how grand totals are display in the table (Grand Totals), and how subtotals should be displayed (Subtotals).

For more information about format and layout options, see the Pivot Designer article.

Export and Share the Report

The report (pivot) can be exported to a number of different formats by clicking the **Export** icon and selecting an option.

You can also share the report (pivot) with other Campus users by clicking the **Share** icon and copying the report URL.

Users attempting to access a pivot table via a shared URL will need to first be logged into Campus in order to access the tool and have proper calendar rights in order to see reported data.