Enrollment Dashboard

Summary

The OPI collects student count intakes from its public schools through AIM, the Montana Student Information, and the enrollment data housed in GEMS is from the October intake of each year. The Enrollment Dashboard is an interactive visual representation of Montana public schools' yearly enrollment data that allows analysis by various student demographics and characteristics. By navigating through and filtering for specificity, the user can attain a comprehensive view of Montana's student enrollment counts and historic trends.

Central Navigation and Knowledge

	Page Contents	Page Navigation
Map Button	-two visualizations at the top highlight the selected year and its enrollment count -interactive map of Montana organizes counts by school location -bar graph displaying historic trends in enrollment count each year since 2009	-slicer menu options: filter by year, county/district/school, grade, federal race/ethnicity -hovering over the map will populate a Tool Tip with school name and count -three sub-buttons provide school selection filters: (1) a general map for all schools (2) the second sub-button narrows the page to only provide data for high school and K-12 districts and (3) the third for elementary and K-12 districts
Overview Button	-pie chart displaying the proportional breakdown of student enrollment by race -table containing year, school and count details -bar graph displaying enrollment count by grade level for the selected year	-slicer menu options: filter by year, county/district/school, grade -all three of the visualizations are interactive and connected, so selecting an element on one will automatically filter the other two to that item
Demographics Button	-three bar charts for comparing enrollment counts for different populations of students: (1) count by economic disadvantage description (2) count by special education (3) count by English learner description	-slicer menu options: year range, county/district/school, grade, federal race/ethnicity, gender

Where to Start

Below you will find two guided walk-throughs for accessing specific data to answer a question. These tutorials are provided based on frequently requested data or commonly asked questions on how to view a comparison of student enrollment counts in specific schools or districts. This tutorial provides two options for comparing student enrollment counts.

To view a comparison of student enrollment counts for specific schools:

Option #1: Begin by clicking on the Map button (1) which will bring you to the enrollment count map. Use the menu slicer (2) to select the district(s) or school(s) of interest (3). This example has selected all schools

in Flathead county to compare. Then, hover over the map to populate the Tool Tip for each selected school. The Tool Tip will allow you to interact with the map viewing the location and count for each school selected. If you would prefer to view the map data as a table than in the Tool Tips, hover over the map so two icons appear in the upper right-hand corner. Select the ellipsis for more options (4), and then select 'Show as a table." A table will populate along with the map for more visible comparison across schools.

To view a comparison of student enrollment counts for specific schools:

Option #2: Begin by clicking on the Overview button and then the menu slicer to again select the schools

of choice. Then, hover over the table in order to select the 'focus mode' icon. Selecting 'focus mode' highlights and enlarges the table making comparisons of the selected school more visible. Focus mode icon:

Tips and Tricks

- The Map page is interactive. Hovering over a data point on the map will populate with additional information called a Tool Tip. Selecting the data point will filter the page by that location. You can zoom in (+) and out (-) on either by scrolling or using the icons in the top right corner.
- On the Overview page, selecting a column header in the enrollment count table will reorganize the table by that column. Selecting again will return the table organization to its prior format.
- Depending on the number of districts selected, the tables can be dense to read. Selecting *focus mode* will enlarge the table for easier analyzing. To select focus mode, hover over the table. In the top right corner, two icons will appear. Select the first icon.
- When N/A is displayed, there is no data reported for the selection. An "*" indicates that the count of students is 5 or less and a filter like Homeless, SPED, etc. has been selected so the data have been masked.
- On the pie chart, the masked race/ethnicity will appear at the top of the legend.
- When districts on the map are white, no data has been reported for that location.