Math and ELA Assessments Dashboard (Grades 3-8)

Summary

The Math and ELA Assessments Dashboard (Grades 3-8) provides data on the Montana state student assessment for mathematics and English language arts in a variety of different ways. Some measures focus on what schools use, proficiency levels in each assessment, other measures focus on measures used in ESSA calculations to rank schools, other measures are for investigating student and school growth on assessments.

Central Navigation and Knowledge

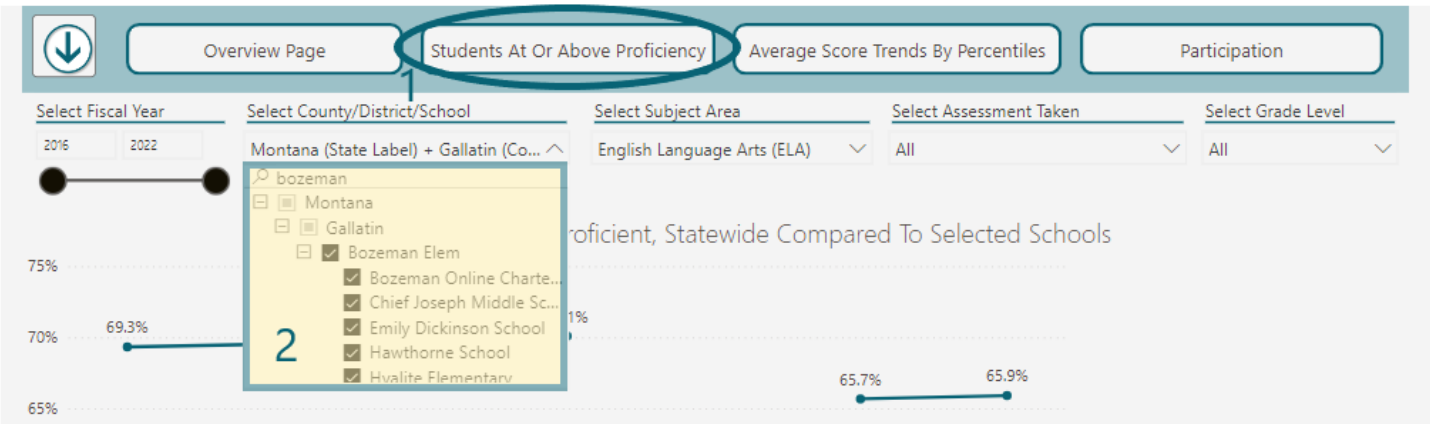
	Page Contents	Page Navigation
Overview Button	-bar graph that displays the proficiency levels for math and English Language Arts tests as a percent of a whole -proficiency levels categorized as Novice, Nearing Proficient, Proficient, and Advanced	-slicer menu options: filter by race/ethnicity, gender, SES, SPED, EL status, homeless status, migrant status -slicers located outside menu: filter by fiscal year, school location, assessment subject area, assessment taken, and grade level
Students At Or Above Proficiency Button	-line chart displaying the percent of students scoring proficient statewide (yellow) for the selected subject area overtime -once a school location(s) is selected, the percent of students scoring proficient (blue) is compared to the state percent	-slicer menu options: same as Overview Page -slicers located outside menu: same as Overview page
Average Score Trends by Percentiles Button	-line chart organized by the top 10th, top 25th, 25th through 75th, bottom 25th and bottom 10th percentile display average scale scores by percentile groups for the selected subject area overtime	-slicer menu options: same as Overview Page -slicers located outside menu: same as Overview page
Participation Button	-line chart that displays the percent of students assessed for the selected subject area overtime -table that displays the percent of students assessed and the count of students tested by school location(s) for the selected subject area overtime	-slicer menu options: same as Overview Page -slicers located outside menu: same as Overview page

Where to Start

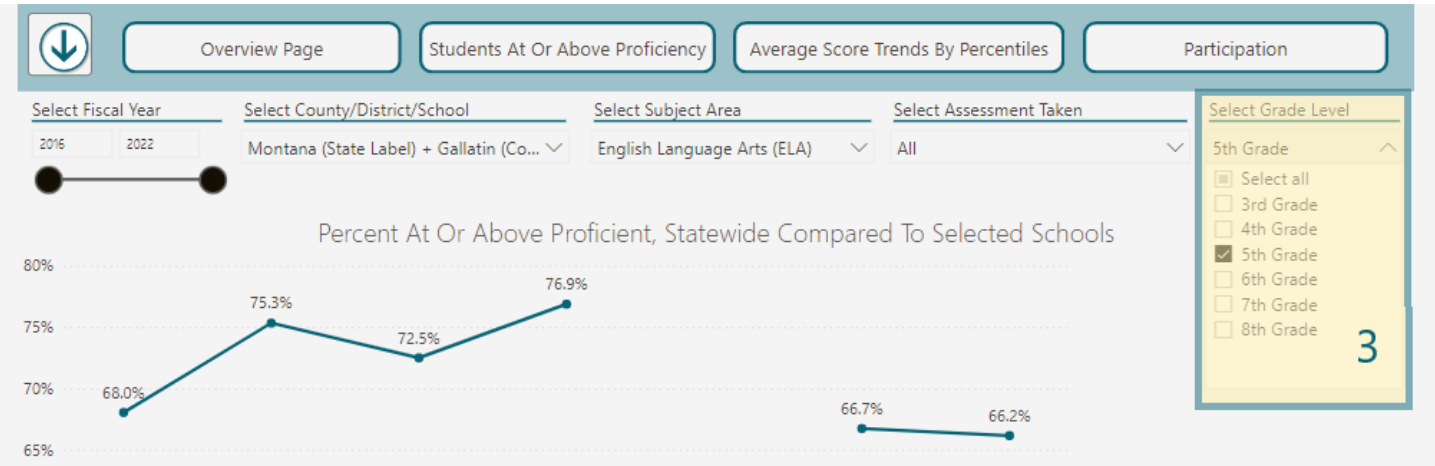
Below you will find two guided walk-throughs for accessing specific data to answer a question. These tutorials are provided based on frequently requested data or commonly asked questions on how to view assessment data This tutorial provides a walkthrough on comparing school-level proficiency to the state for a particular grade.

To view a comparison of proficiency to state proficiency:

Begin by selecting the Students At Or Above Proficiency page of the dashboard (1). Using the *Select County/District/School* filter within the dashboard environment, select the school location(s) of interest (2). This tutorial looks at Bozeman Elementary data for an example.



Using the *Select Grade Level* filter within the dashboard environment, select the grade level(s) of interest (3). The yellow line in the graph provides the trend of statewide percentage of students at or above proficient. The blue line provides the trend the selected school location(s) percentage of students at or above proficient.



Tips and Tricks

- An "*" indicates that the count of students is 10 or less and has been masked. When a chart or graph does not display data, either the data has been masked or no data has been reported for that selection.
- You can click on the down arrow in the top panel to view several demographic slicers like gender, race, or special education participation.