Math, ELA & Science Assessment Dashboard (Grade High School)

Summary

The ACT Dashboard shows data for the composite score as well as all the other subject areas for the statewide assessment. All Montana high school students are given the ACT Junior Test during the spring of their 11th grade year. Some students choose to take the test again as a 12th grade senior. The ACT data is displayed in proficiency levels, the distribution of student counts by score for both the junior and senior year test, score trends over time, and growth if the student takes the test again their senior year. This dashboard can be used to evaluate student process and participation in the ACT and compare schools or districts to the statewide average ACT scale score.

Central Navigation and Knowledge

	Page Contents	Page Navigation
ACT Overview	-bar graph that displays the proficiency levels for math, English Language Arts and science 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 description, homeless status, and migrant status -slicers located outside menu: filter by fiscal year range, school location(s), assessment subject area, assessment taken
Score Distributions	-visual that shows the Subject Area College Readiness Score -bar graph that shows the distribution of scores depending on the subject area selected	-slicer menu options: same as Overview page -slicers located outside menu: filter by fiscal year range, school location(s), assessment subject area
ACT Trend Data	-line chart that displays the average ACT Score based on the selection compared to the statewide average over time -bar graph that shows the at or above College Readiness Score based on the selection compared to the statewide average over time	-slicer menu options: same as Overview page -slicers located outside menu: same as Score Distributions page
Senior Class Scores	-line chart that displays the average ACT senior score for the selected subject area over time -bar graph that shows the scale score distribution for seniors for the selected year	-slicer menu options: same as Overview page -slicers located outside menu: same as Score Distributions page
ACT Score Gains	-line chart that displays the average ACT score gains if the student took the ACT twice for the selected subject area over time -bar graph that shows the distribution of score gains for seniors for the selected year	-slicer menu options: same as Overview page -slicers located outside menu: same as Score Distributions page
Participation	-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: filter by Race/Ethnicity, gender, SES, SPED, EL description, homeless status, and migrant status -slicers located outside menu: filter by fiscal year range, school location(s), assessment subject area, assessment taken

Where to Start

Below you will find a guided walkthrough for accessing specific data to answer a question. This tutorial is provided based on frequently requested data or commonly asked questions. This walkthrough will describe the process of navigating and viewing data related to *ACT Score Gains by Subject Area*.
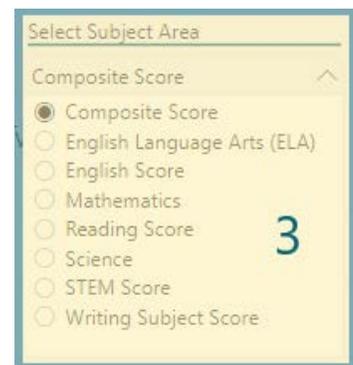

Step 1: Begin by clicking on the ACT Score Gains button (1) which will bring you to a visualization that shows the Average ACT Score Gains for Students Who Took the ACT Twice over time.

Step 2: On the ACT Score Gains page, the *Subject Area* slicer (2) will default to the Composite Score unless a different *Subject Area* has been selected on one of the other pages. Open the slicer to view the other test score options and select to change the visualizations.

Step 3: When the slicer has been selected, the list of *Subject Areas* will drop down. Each *Subject Area* has a circle next to it indicating that only one can be selected at a time. The circle next to the selected *Subject Area* will be filled in.

Tips and Tricks

- Open the Slicer Menu to view all the data elements that can be selected to filter the data.
- Slicer selections made on one page will be held constant across all the pages on the dashboard.
- ACT data by itself does not need to be masked, but when homeless status, race/ethnicity, EL status, SPED status, economic status, or migrant status are selected, the data will be masked at counts of 10 or less.