WDE

Interpreting and Using the Growth and Achievement Report in Fusion (Revised – 08/14/2025)

The Growth and Achievement Report employs data visualization to graphically present school performance on achievement (reported in terms of the percent of students proficient) and growth (reported in terms of the mean growth percentile from the Wyoming growth model) for Wyoming schools. Both growth and achievement data are displayed simultaneously so that viewers can see schools (or student groups within schools) in one of four quadrants: high growth, high achievement; low growth, low achievement; high growth, low achievement; and low growth, high achievement.

The graph allows users to select current year growth with either prior year achievement or current year achievement. Prior year achievement is nearly uncorrelated with growth. In other words, schools starting with high prior achievement can have low or high growth and schools with low prior achievement can have low or high growth. Current year achievement is moderately correlated with growth in that schools with higher growth in the current year will have somewhat higher achievement in the current year with respect to the prior year.

In the graph, each bubble represents a school (or sub-set of a school if you are filtering by grade or student group). The size of the bubble is determined by the number of students in the group you selected. In addition to the legend that appears to the left of the graph, users can hover over a bubble to see the name of the school/group it represents, along with performance data for that group. Users can employ multiple filters to examine reading or math results, disaggregate by different student groups, and select a year to depict for districts, schools, and grades within schools. Use the various filters to select the area(s) of interest. These new reports help to answer questions like these:

- Which of the four quadrants is my school in?
- How does my school compare to other schools in my district or in the state in terms of overall proficiency and growth?
- Which subjects and grades in my school are relative strengths compared to the state and other schools in my district (or state)? Which student groups demonstrate stronger achievement and growth in my school/district?
- How well are the consolidated subgroup students performing on growth and achievement (consolidated subgroup growth is important to the equity indicator used for school accountability)?
- Are there other schools of similar size and achievement proficiency rates that have demonstrated higher growth?

At a glance, it's easy to see which schools/grades have similar achievement but very different patterns of growth. Educators might find it useful to work with peer schools– those with similar rates of proficiency -- to identify particular instructional support strategies that help students with similar achievement to grow more quickly academically. And within a school, users can readily identify which student groups/grades/subjects are experiencing the best academic outcomes.

These reports are fully accessible to the public under the Accountability Data Page; suppression rules have been applied to ensure confidentiality for individual students. If you have questions about the information in these reports, please contact Colton Zier at **colton.zier1@wyo.gov**.