

# PVAAS Reporting at the Student Level: Examples and Non-Examples of Effective Use

The PVAAS Student Projection and Child Success Summary reports are the only available reports that allow you to look to the possible future academic performance of an individual student in PSSA ELA, Math, and Science; Keystone Algebra I, Literature, and Biology; and college readiness exams such as AP, ACT, PSAT, and SAT exams. These reports provide educators with the likelihood that a student will reach a particular performance level on a future state assessment or an established benchmark on a college readiness exam. These reports are useful, along with other data, as an additional indicator for placing students in courses and/or interventions, and determining long-term strategies to ensure your school provides each student the best opportunity for academic success.



- Can I use the probabilities to determine the trajectory of a student's academic performance? YES!
- Can I use the visuals on the graph, or the history data in the table, to determine whether a student made growth? NO!

The Student Projection and Child Success Summary reports are valuable information for ADMINISTRATORS to use in intervention planning, resource allocation, course placement decisions, school improvement planning, and strategic planning. For TEACHERS, these reports provide another critical piece of information on each student so that teachers can modify instructional strategies and classroom practices to best meet the needs of all students.

When viewing student projection probabilities, the following guidance on interpretation may be helpful:

- 70% or higher – Students with probabilities within this range have a fairly high likelihood of reaching the indicated performance level or benchmark, or higher
- 40-70% – Students with probabilities within this range may or may not reach the indicated performance level or benchmark (or higher) unless they receive additional educational supports
- Less than 40% – Students with probabilities within this range have a low likelihood of reaching the indicated performance level or benchmark (or higher) unless a major change is made to their educational program

It is strongly recommended that discussions focus on the *probabilities* of reaching the indicated performance level or benchmark. The questions raised may include, “Are you as an educator satisfied with the probability that this student may reach the indicated performance level or benchmark, or higher? And when combined with other data, does it confirm your knowledge of the student’s trajectory on a future assessment?”

- If yes, what needs to be done for this student to maintain their current trajectory or path?
- If no, what needs to be done to change or increase this student’s trajectory towards the indicated performance level, or benchmark?

For additional information, please view the [What Educators Should Know about PVAAS Student Probabilities](#) document.

#### **GOOD EXAMPLES of Use of PVAAS Data at the Student Level**

- Using projected percentiles or probabilities to determine the trajectory of a student’s future academic performance
- Use with other data sources/tools for better data-informed decision-making

#### **NON-EXAMPLES of Use of PVAAS Data at the Student Level**

- Comparing percentiles, NCEs, or scaled scores to indicate growth
- Using projected percentiles or probabilities as the only source of data for decision-making