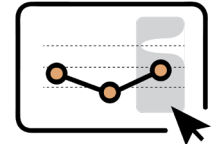# PVAAS Reporting at the Student Level
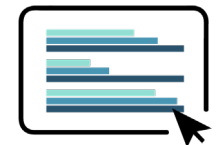## *Effective (and Ineffective) Uses*

The **Student Report** and **Child Success Summary** are the reports found in the PVAAS web-based system that allow you to look at the possible future academic performance of an individual student in PSSA ELA, Math, and Science; Keystone Algebra I, Literature, and Biology; college readiness exams such as AP, ACT, PSAT, and SAT; and the ACCESS assessment for English Learners. These reports give educators the likelihood that a student will reach a particular performance level on a future state assessment or an established benchmark on other assessments.

These reports are useful, along with other data, as an indicator for placing students in courses, setting goals, planning for support meetings (e.g., IEP or GIEP), informing tiered support decisions, and making recommendations for intervention or enrichment. Depending on your role, you might put these reports into use for:

PVAAS Student Report

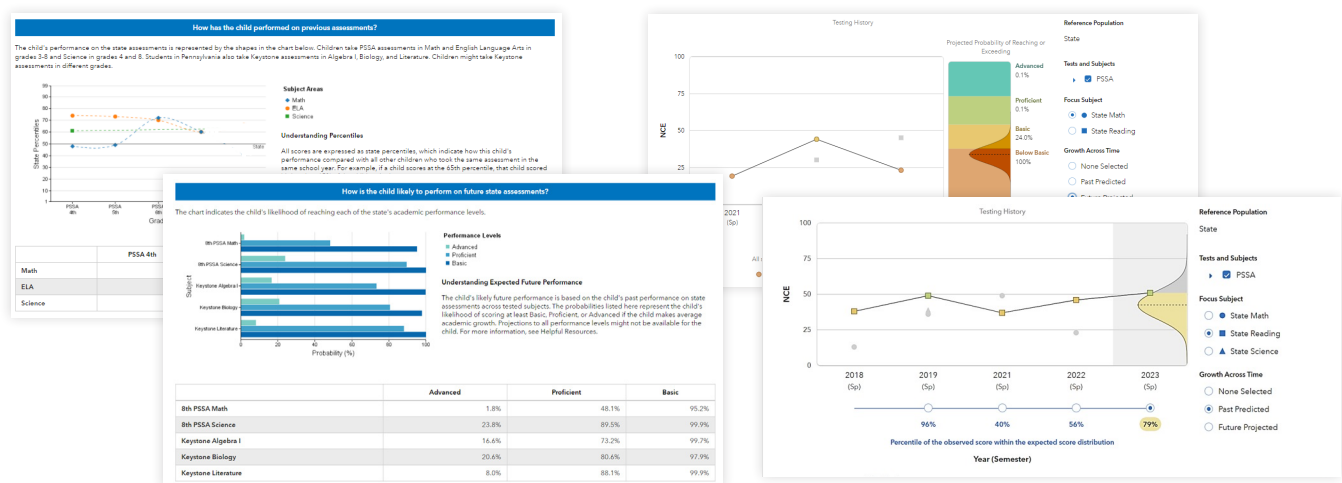**PVAAS Child Success Summary**

ADMINISTRATORS: intervention planning, resource allocation, course placement decisions, school improvement planning, and strategic planning

TEACHERS: to modify instructional strategies and classroom practices to best meet the needs of all students

In short, student-level reporting in PVAAS is useful in determining long-term strategies to ensure each student has the best opportunity for academic success!

Is it appropriate for me to use student projection probabilities to determine the trajectory of a student's academic performance?
YES!

Is it appropriate for me to use the trajectory line or historical data across years to determine whether a student made growth?
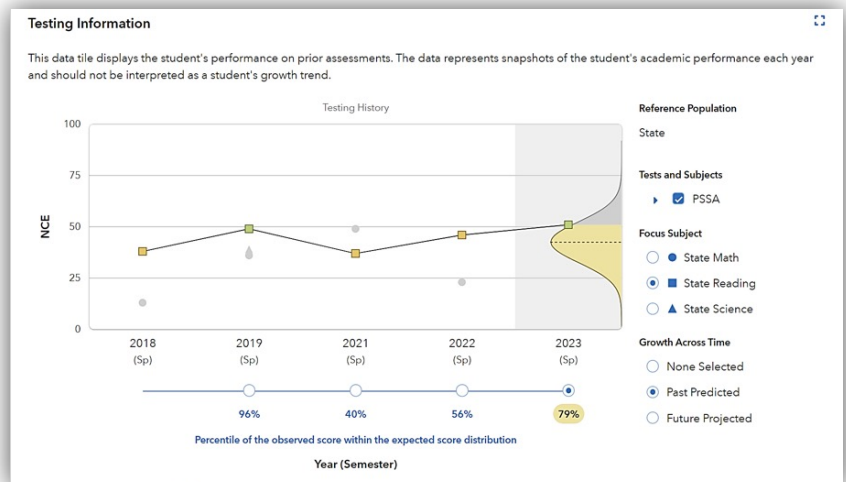**NO!**

Can I use the Past Predicted data on the PVAAS Student Report to indicate that a student made growth?

This would NOT be an appropriate use of the Past Predicted information found on the PVAAS Student Report. Past Predicted allows educators to see if students met or exceeded the level that their history indicated they were likely to perform. The Past Predicted information is a good indicator for reflection on what supports, services, and academic programming may have worked, or not, to support students in meeting or exceeding what their history indicated they were likely to perform.

The Past Predicted information can help answer these questions:

- *If a student exceeded their past predicted score, what led to this success?*
- *If a student fell short of their past predicted score, what contributed to the lack of expected performance in the student's academic program?*

How can I best use the Future Projected data (the projection probabilities) on the PVAAS Student Report and Child Success Summary?
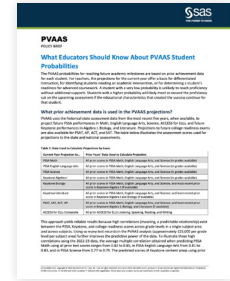
When viewing student projection probabilities, the following guidance on interpretation may be helpful:

- **70% or higher** – Students with probabilities within this range have a relatively 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 relatively 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 may include:

- *Are you, as an educator, satisfied with the probability that this student may reach the indicated performance level, benchmark, or higher?*
- *When combined with other data, does it confirm your knowledge of the student's trajectory toward a future assessment?*
  - **If yes,** *what does this student need to maintain their current trajectory or path?*
  - **If no,** *what should change to increase this student's trajectory towards the indicated performance level, or benchmark?*

For more information, download **What Educators Should Know About PVAAS Student Probabilities (PDF) >**
https://pvaas.sas.com/support/PVAAS-StudentProbabilities.pdf

Effective PVAAS Data Use at the Student Level:

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

Ineffective PVAAS Data Use at the Student Level:

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

Visit **education.pa.gov/pvaas** for additional resources on this topic.