

Student Proficiency

Metric Overview

Metric Definition: Student proficiency is the percentage of students meeting grade-level standards based on state-required testing. The assessments include the Illinois Assessment of Readiness (IAR) for grades 3-8, the PSAT for grades 9 and 10, and the SAT for grade 11 (ISBE and CPS will switch to the Pre-ACT and ACT beginning in Spring 2025). The student proficiency metric is reported separately for each assessment.

Key Business Rules and Exclusions: Students are attributed to their (brick and mortar) testing school.

Metric Calculation

Numerator: The number of students meeting or exceeding benchmarks on the IAR, PSAT, or SAT. The IAR uses ISBE performance levels as benchmarks. The PSAT and SAT uses College Board's College and Career Readiness benchmarks.

Denominator: Number of students who took the IAR, PSAT, or SAT.

Example Calculation

$$\begin{array}{l} \text{Students} \\ \text{Who...} \end{array} \quad \frac{\text{Exceeded standards} + \text{Met standards}}{\text{Exceeded standards} + \text{Met standards} + \text{Approached standards} + \text{Partially met standards} + \text{Did not meet standards}} = \frac{15 + 30}{15 + 30 + 40 + 10 + 5} = 45\%$$

SCHOOL A

100 students in grades 3-8 who took the IAR

15 exceeded standards

+

30 met standards

15 + **30** + **40** approached standards

10 partially met standards

+

5 Does not meet standards

Student Proficiency Use Case and Reports

Proficiency metrics are highly correlated with socioeconomic status and are poor measures of school quality. Standardized test scores may not always accurately reflect how well a single student is doing or how students at all levels are improving. The District is focused on using classroom assessments to support individual student learning. Large scale assessments are best positioned for measuring trends across groups, not individual student performance. Focusing on growth should result in an improvement in proficiency and, as such, the District is emphasizing the importance of student growth on assessments.

CIDT Student Proficiency Report: All CIDT reports can be found on the CPS Dashboard on the "PowerBI Reports" page in the [Reports dropdown](#). There are two reports for student proficiency: IAR Report and SAT and PSAT Spring Results Report. These reports can be used for data deep dives and trend analysis.

Related Reports: [Dashboard Assessment Report](#): This report includes additional student proficiency data for IAR and SAT.

Questions? Connect with your Network Data Strategist to learn more.