



Technical Addendum: Academic and Career Success Initiative Reports

This document provides technical details on data sources, methodologies, and reporting procedures.

Data Sources

Metric	Source
5 th Grade ELA Proficiency	California Department of Education (California Standards Tests)
5 th Grade Math Proficiency	California Department of Education (California Standards Tests)
8 th Grade ELA Proficiency	California Department of Education (California Standards Tests)
8 th Grade General Math Proficiency	California Department of Education (California Standards Tests)
8 th Grade Algebra I Proficiency	California Department of Education (California Standards Tests)
8 th Grade Algebra I Proportion Tested	California Department of Education (California Standards Tests)
AVID Schoolwide Participation	Long Beach Unified School District (District Enrollment Data)
10 th Grade CAHSEE ELA Pass Rate	California Department of Education (California High School Exit Exam)
10 th Grade CAHSEE Math Pass Rate	California Department of Education (California High School Exit Exam)
12 th Grade Graduation Rate	California Department of Education (National Center for Education Statistics)
"A-G" Requirements Completion Rate	California Department of Education
College Enrollment	National Student Clearinghouse
Advanced Placement (AP) Course Enrollment	The College Board
Advanced Placement (AP) Exam Pass Rate	The College Board
SAT Exam Proportion Tested	The College Board
English EAP Exam Proportion Tested	California State University
Math EAP Exam Proportion Tested	California State University
English EAP Exam Exemption Rate	California State University
Math EAP Exam Exemption Rate	California State University

How Annual Targets Are Calculated

Annual targets are set by calculating the average between the 2007-08 baseline figure and the 2013 goal. This calculation provides the percentage-point growth that the District or a school must achieve over a five-year period.

$$\text{Annual Target} = \frac{(\text{2013 Goal}) - (\text{2007-08 Baseline Figure})}{5 \text{ Years}}$$

Example

In 2007-08, 5th Grade Math Proficiency in the District was 60%. The 2013 goal is 70%.

$$\text{Annual Target} = \frac{70 - 60}{5} = 2$$

Metric	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Baseline</i>	<i>Target</i>	<i>Target</i>	<i>Target</i>	<i>Target</i>	<i>Goal</i>
5 th Gr. Math Proficiency (District)	60%	62%	64%	66%	68%	70%

Note: These annual targets are fixed; they are not recalculated every year.

While the 2013 goal is the same for all schools (and the District as a whole), the annual targets vary depending on the 2007-08 baseline figure.

Example

In 2007-08, 5th Grade Math Proficiency was 50% at School A and 40% at School B.

$$\text{School A Annual Target} = \frac{70 - 50}{5} = 4$$

$$\text{School B Annual Target} = \frac{70 - 40}{5} = 6$$

Metric	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Baseline</i>	<i>Target</i>	<i>Target</i>	<i>Target</i>	<i>Target</i>	<i>Goal</i>
5 th Gr. Math Proficiency (District)	60%	62%	64%	66%	68%	70%
5 th Gr. Math Proficiency (A)	50%	54%	58%	62%	66%	70%
5 th Gr. Math Proficiency (B)	40%	46%	52%	58%	64%	70%

If a school is already above the 2013 goal, it is expected to maintain that level of performance.

Example

In 2007-08, 5th Grade Math Proficiency was 75% at School C.

Metric	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Baseline</i>	<i>Target</i>	<i>Target</i>	<i>Target</i>	<i>Target</i>	<i>Goal</i>
5 th Gr. Math Proficiency (District)	60%	62%	64%	66%	68%	70%
5 th Gr. Math Proficiency (A)	50%	54%	58%	62%	66%	70%
5 th Gr. Math Proficiency (B)	40%	46%	52%	58%	64%	70%
5 th Gr. Math Proficiency (C)	75%	70%	70%	70%	70%	70%

How the Color System Works

For each metric, the District and its schools are assigned a color based on their performance against their annual targets. The colors are intended to signal whether they are on track to meet the 2013 goals.

Color	Performance
Green	Achieved Annual Target
Yellow	Below Annual Target
Red	Far Below Annual Target

Specifically, red means that the District or a school is at least 20% below the annual target. If the District or a school is anywhere between the annual target and this 20% threshold, it is assigned yellow.

Example

The annual target for 10th Grade CAHSEE ELA Pass Rate is 75%. The annual target for “A-G” Requirements Completion Rate is 50%.

$$\text{“Far Below Annual Target” for 10}^{\text{th}} \text{ Grade CAHSEE ELA Pass Rate} = 0.75 * (1.0 - 0.20) = 0.60$$

$$\text{“Far Below Annual Target” for “A-G” Requirements Completion Rate} = 0.50 * (1.0 - 0.20) = 0.40$$

Color	10 th Grade CAHSEE ELA Pass Rate	“A-G” Requirements Completion Rate
Green	75% and Above	50% and Above
Yellow	74% down through 61%	49% down through 41%
Red	60% and Below	40% and Below