

Math Proficiency in California

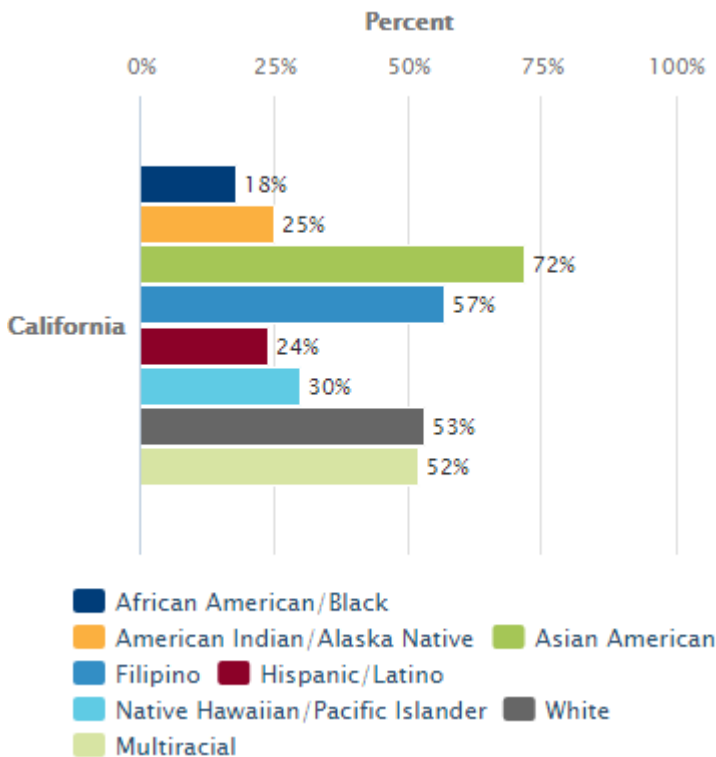
Students Meeting or Exceeding Grade-Level Standard in Mathematics (CAASPP), by Grade Level: 2016

California	Percent
Grade 3	45%
Grade 4	38%
Grade 5	33%
Grade 6	35%
Grade 7	36%
Grade 8	36%
Grade 11	32%
All Grades	37%

Definition: Percentage of all public school students tested who completed the California Assessment of Student Performance and Progress (CAASPP) mathematics test with a score of Standard Met or Above (e.g., in 2016, 32% of grade 11 students in California scored at or above their grade-level standard).

Data Source: California Dept. of Education, [CAASPP Test Results](#) (Oct. 2016).

Students Meeting or Exceeding Grade-Level Standard in Mathematics (CAASPP), by Race/Ethnicity: 2016



Definition: Percentage of all public school students tested who completed the California Assessment of Student Performance and Progress (CAASPP) mathematics test with a score of Standard Met or Above, by race/ethnicity (e.g., in 2016, 52% of multiracial students in California scored at or above their grade-level standard).

Data Source: California Dept. of Education, [CAASPP Test Results](#) (Oct. 2016).

What It Is

Kidsdata.org reports the percentage of public school students meeting or exceeding their grade-level standard on the California Assessment of Student Performance and Progress (CAASPP) test in mathematics.* These data are available by grade level for counties and school districts, as well as by race/ethnicity and socioeconomic status for counties.

Why This Topic Is Important

Basic math skills are essential to navigate through life, and competence in mathematics is associated with workplace readiness and the potential for higher future earnings (1, 2). Math proficiency also is a predictor of college attendance (2). Nationwide, increasing emphasis is being placed on children's achievement in mathematics, science, technology, and engineering, recognizing the importance of these fields in the country's future and ability to innovate (2). According to a 2014 report, the U.S. ranked 11th internationally in grade 4 math assessments (2). In California, student math scores consistently rank among the lowest in the nation, even though U.S. and California scores generally have improved since the 1990s (3). Further, large inequities persist in math achievement by student socioeconomic status, race/ethnicity, and English Learner status, statewide and nationally (3, 4).

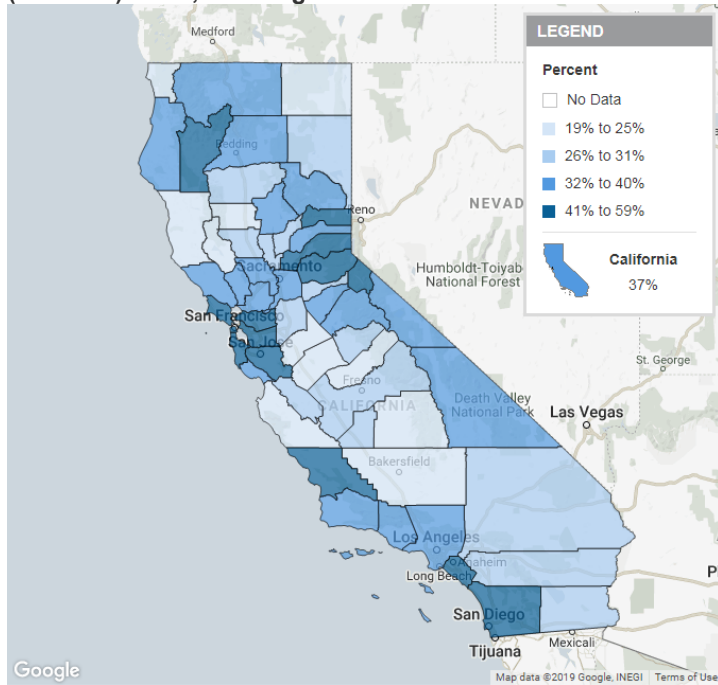
How Children Are Faring

In 2016, 37% of public school students who took the California Assessment of Student Performance and Progress (CAASPP) test met or exceeded their grade-level standard in mathematics. At the county level, figures ranged from 19% (Lake) to 59% (Marin). Disparities in math proficiency by race/ethnicity and socioeconomic status are wide. For example, in 2016, 24% of socioeconomically disadvantaged students in California scored at or above their grade-level standard, compared with 58% of non-disadvantaged students, while Asian American students demonstrated proficiency at a rate four times higher than their African American/black peers (72% compared with 18%).

View references for this text and additional research on this topic:

<https://www.kidsdata.org/topic/22/math-proficiency/summary>

Students Meeting or Exceeding Grade-Level Standard in Mathematics (CAASPP): 2016; Showing Counties



Definition: Percentage of all public school students tested who completed the California Assessment of Student Performance and Progress (CAASPP) mathematics test with a score of Standard Met or Above (e.g., in 2016, 32% of grade 11 students in California scored at or above their grade-level standard).
Data Source: California Dept. of Education, [CAASPP Test Results](#) (Oct. 2016).

Students Meeting or Exceeding Grade-Level Standard in Mathematics (CAASPP), by Socioeconomic Status: 2016

California	Percent
Economically Disadvantaged	24%
Non-Economically Disadvantaged	58%

Definition: Percentage of all public school students tested who completed the California Assessment of Student Performance and Progress (CAASPP) mathematics test with a score of Standard Met or Above, by socioeconomic status (e.g., in 2016, 24% of economically disadvantaged students in California scored at or above their grade-level standard).
Data Source: California Dept. of Education, [CAASPP Test Results](#) (Oct. 2016).



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