Nation's Report Card

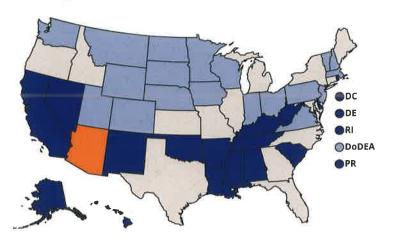
2017 Mathematics State Snapshot Report

Arizona • Grade 8 • Public Schools

Overall Results

- In 2017, the average score of eighth-grade students in Arizona was 282. This was not significantly different from the average score of 282 for public school students in the nation.
- The average score for students in Arizona in 2017 (282) was not significantly different from their average score in 2015 (283) and was higher than their average score in 2000 (269).
- The percentage of students in Arizona who performed at or above the NAEP *Proficient* level was 34 percent in 2017. This percentage was not significantly different from that in 2015 (35 percent) and was greater than that in 2000 (20 percent).
- The percentage of students in Arizona who performed at or above the NAEP *Basic* level was 71 percent in 2017. This percentage was not significantly different from that in 2015 (72 percent) and was greater than that in 2000 (60 percent).

Compare the Average Score in 2017 to Other States/Jurisdictions



In 2017, the average score in Arizona (282) was

lower than those in 20 states/jurisdictions

higher than those in 18 states/jurisdictions

not significantly different from those in 14 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools)

Results for Student Groups in 2017

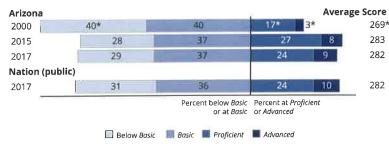
	Percentage of students	Avg. score	Percentage at or above		Percentage at
Reporting Groups			Basic	Proficient	Advanced
Race/Ethnicity					
White	41	296	85	48	14
Black	5	272	61	21	4
Hispanic	44	269	59	20	3
Asian	3	318	90	71	38
American Indian/Alaska	Native 4	263	51	17	2
Native Hawaiian/Pacific	: Islander #	‡	‡	‡	‡
Two or more races	2	‡	‡	‡	‡
Gender					
Male	50	285	72	36	11
Female	50	280	69	31	7
National School Lunch Pr	ogram				
Eligible	53	270	59	21	4
Not eligible	37	293	82	44	12
# Dounds to zoro					

Rounds to zero.

‡ Reporting standards not met.

NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

Achievement-Level Percentages and Average Score Results



^{*} Significantly different (p < .05) from state's results in 2017. Significance tests were performed using unrounded numbers. NOTE: Detail may not sum to totals because of rounding.

Average Scores for State/Jurisdiction and Nation (public)



^{*} Significantly different (p < .05) from 2017. Significance tests were performed using unrounded numbers.

Score Gaps for Student Groups

- In 2017, Black students had an average score that was 24 points lower than that for White students. This performance gap was narrower than that in 2000 (37 points).
- In 2017, Hispanic students had an average score that was 27 points lower than that for White students. This performance gap was not significantly different from that in 2000 (33 points).
- In 2017, male students in Arizona had an average score that was higher than that for female students by 5 points.
- In 2017, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 23 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2000 (28 points).



NOTE: The NAEP mathematics scale ranges from 0 to 500. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Read more about how to interpret NAEP results from the mathematics assessment at https://nces.ed.gov/nationsreportcard/mathematics/interpret_results.aspx. SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2000-2017 Mathematics Assessments.