Nation's Report Card

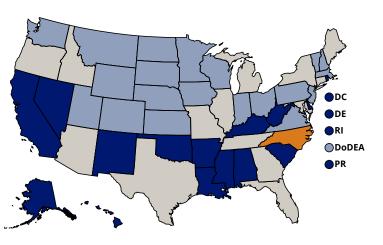
2017 Mathematics State Snapshot Report

North Carolina • Grade 8 • Public Schools

Overall Results

- In 2017, the average score of eighth-grade students in North Carolina 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 North Carolina in 2017 (282) was not significantly different from their average score in 2015 (281) and was higher than their average score in 2000 (276).
- The percentage of students in North Carolina who performed at or above the NAEP *Proficient* level was 35 percent in 2017. This percentage was not significantly different from that in 2015 (33 percent) and was greater than that in 2000 (27 percent).
- The percentage of students in North Carolina who performed at or above the NAEP *Basic* level was 68 percent in 2017. This percentage was not significantly different from that in 2015 (69 percent) and in 2000 (67 percent).

Compare the Average Score in 2017 to Other States/Jurisdictions



In 2017, the average score in North Carolina (282) was

lower than those in 21 states/jurisdictions

higher than those in 17 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

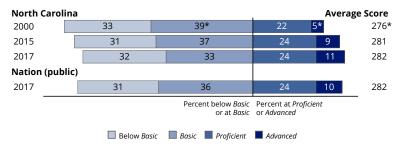
	Percentage	Avg.		entage at above	Percentage at
Reporting Groups	of students	score			Advanced
Race/Ethnicity					
White	51	295	81	47	16
Black	25	258	45	14	2
Hispanic	15	272	61	23	5
Asian	3	310	86	59	30
American Indian/Alaska	Native 1	‡	‡	‡	‡
Native Hawaiian/Pacifi	: Islander #	‡	‡	‡	‡
Two or more races	4	285	73	35	8
Gender					
Male	51	281	67	35	12
Female	49	282	69	35	10
National School Lunch P	rogram				
Eligible	47	265	53	19	3
Not eligible	48	297	81	49	18
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Rounds to zero.

‡ Reporting standards not met.

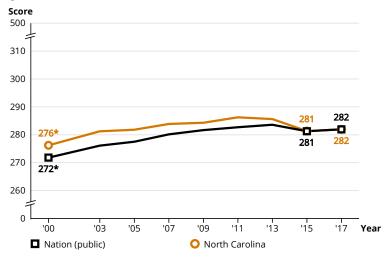
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic 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 37 points lower than that for White students. This performance gap was not significantly different from that in 2000 (35 points).
- In 2017, Hispanic students had an average score that was 23 points lower than that for White students. Data are not reported for Hispanic students in 2000, because reporting standards were not met.
- In 2017, male students in North Carolina had an average score that was not significantly different from that for female students.
- In 2017, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 32 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.