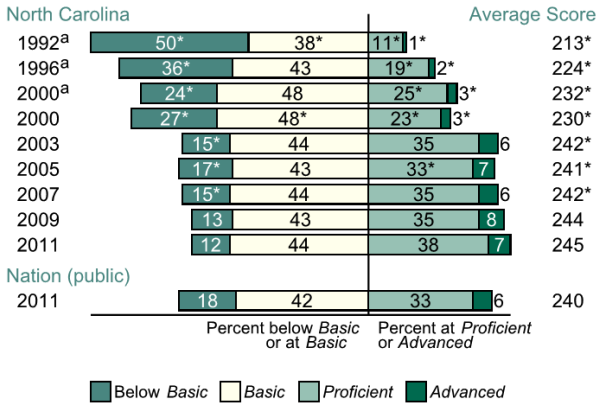
The Nation's Report Card Mathematics 2011 State Snapshot Report

North Carolina
Grade 4
Public Schools

Overall Results

- In 2011, the average score of fourth-grade students in North Carolina was 245. This was higher than the average score of 240 for public school students in the nation.
- The average score for students in North Carolina in 2011 (245) was not significantly different from their average score in 2009 (244) and was higher than their average score in 1992 (213).
- In 2011, the score gap between students in North Carolina at the 75th percentile and students at the 25th percentile was 35 points. This performance gap was narrower than that of 1992 (45 points).
- The percentage of students in North Carolina who performed at or above the NAEP *Proficient* level was 44 percent in 2011. This percentage was not significantly different from that in 2009 (43 percent) and was greater than that in 1992 (13 percent).
- The percentage of students in North Carolina who performed at or above the NAEP *Basic* level was 88 percent in 2011. This percentage was not significantly different from that in 2009 (87 percent) and was greater than that in 1992 (50 percent).

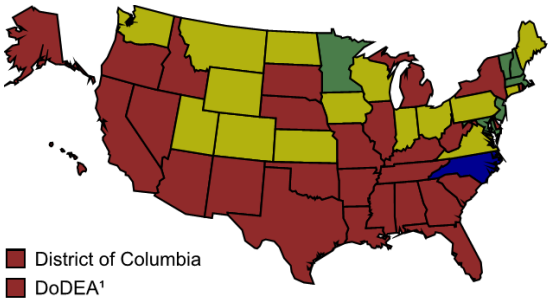
Achievement-Level Percentages and Average Score Results



* Significantly different ($p < .05$) from state's results in 2011. Significance tests were performed using unrounded numbers.
[a] Accommodations not permitted. For information about NAEP accommodations, see http://nces.ed.gov/nationsreportcard/about/inclusion.asp.

NOTE: Detail may not sum to totals because of rounding.

Compare the Average Score in 2011 to Other States/Jurisdictions

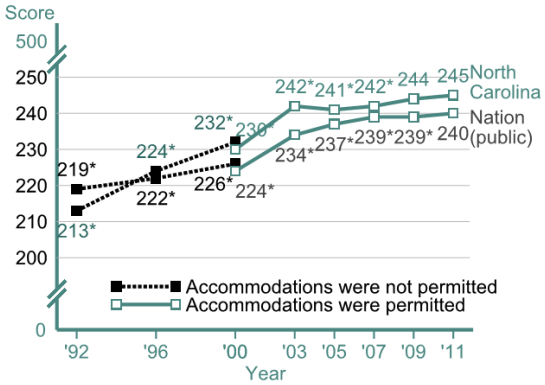


[1] Department of Defense Education Activity (overseas and domestic schools).

In 2011, the average score in **North Carolina** (245) was

- lower than those in 6 states/jurisdictions
- higher than those in 30 states/jurisdictions
- not significantly different from those in 15 states/jurisdictions

Average Scores for State/Jurisdiction and Nation (public)



* Significantly different ($p < .05$) from 2011. Significance tests were performed using unrounded numbers.

NOTE: For information about NAEP accommodations, see http://nces.ed.gov/nationsreportcard/about/inclusion.asp.

Results for Student Groups in 2011

Reporting groups	Percent of students	Avg. score	Percentages at or above *Basic*	Percentages at or above *Proficient*	Percent at *Advanced*
Race/Ethnicity					
White	54	253	95	58	10
Black	27	229	75	18	#
Hispanic	12	238	86	33	2
Asian	3	265	98	72	27
American Indian/Alaska Native	1	225	64	20	3
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	3	247	93	48	7
Gender					
Male	50	245	88	44	8
Female	50	244	88	44	6
National School Lunch Program					
Eligible	53	235	82	28	2
Not eligible	47	256	96	62	13

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.

Score Gaps for Student Groups

- In 2011, Black students had an average score that was 24 points lower than White students. This performance gap was narrower than that in 1992 (30 points).
- In 2011, Hispanic students had an average score that was 15 points lower than White students. Data are not reported for Hispanic students in 1992, because reporting standards were not met.
- In 2011, male students in North Carolina had an average score that was not significantly different from female students.
- In 2011, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 21 points lower than students who were not eligible for free/reduced-price school lunch. This performance gap was not significantly different from that in 1996 (25 points).

NOTE: Statistical comparisons are calculated on the basis of unrounded scale scores or percentages.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1992–2011 Mathematics Assessments.

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