

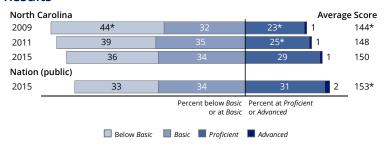
2015 Science State Snapshot Report

North Carolina • Grade 8 • Public Schools

Overall Results

- In 2015, the average score of eighth-grade students in North Carolina was 150. This was lower than the average score of 153 for public school students in the nation.
- The average score for students in North Carolina in 2015 (150) was not significantly different from their average score in 2011 (148) and was higher than their average score in 2009 (144).
- The percentage of students in North Carolina who performed at or above the NAEP *Proficient* level was 31 percent in 2015. This percentage was greater than that in 2011 (26 percent) and in 2009 (24 percent).
- The percentage of students in North Carolina who performed at or above the NAEP *Basic* level was 64 percent in 2015. This percentage was not significantly different from that in 2011 (61 percent) and was greater than that in 2009 (56 percent).

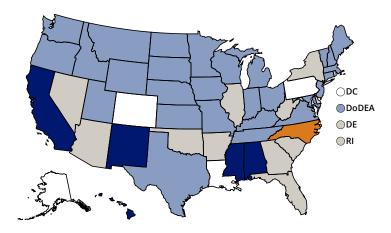
Achievement-Level Percentages and Average Score Results



^{*} Significantly different (p < .05) from state's results in 2015. Significance tests were performed using unrounded numbers.

NOTE: Detail may not sum to totals because of rounding

Compare the Average Score in 2015 to Other States/Jurisdictions



In 2015, the average score in North Carolina (150) was

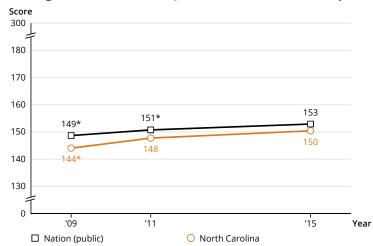
lower than those in 29 states/jurisdictions higher than those in 5 states/jurisdictions

not significantly different from those in 12 states/jurisdictions

5 states/jurisdictions did not participate in 2015

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

Average Scores for State/Jurisdiction and Nation (public)



^{*} Significantly different (p < .05) from 2015. Significance tests were performed using unrounded numbers.

Results for Student Groups in 2015

	Percentage	_		entage at	Percentage •
	of	Avg.		above	at
Reporting Groups	<u>students</u>	score	Basic_	Proficient	Advanced
Race/Ethnicity					
White	52	163	80	44	2 .
Black	25	128	36	9	#
Hispanic	16	143	56	21	1
Asian	3	‡	‡	‡	‡
American Indian/Alaska Native	1	124	37	6	# =
Native Hawaiian/Pacific Islande	r #	‡	‡	‡	‡
Two or more races	3	150	64	26	1 .
Gender					
Male	51	149	63	30	2
Female	49	152	66	31	1
National School Lunch Program					
Eligible	58	139	51	18	#
Not eligible	41	167	83	49	3

[#] 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 2015, Black students had an average score that was 36 points lower than that for White students. This performance gap was not significantly different from that in 2009 (37 points).
- In 2015, Hispanic students had an average score that was 21 points lower than that for White students. This performance gap was not significantly different from that in 2009 (26 points).
- In 2015, male students in North Carolina had an average score that was not significantly different from that for female students.
- In 2015, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 27 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2009 (28 points).

