The Nation's Report Card
Mathematics
2011 State Snapshot Report

District of Columbia
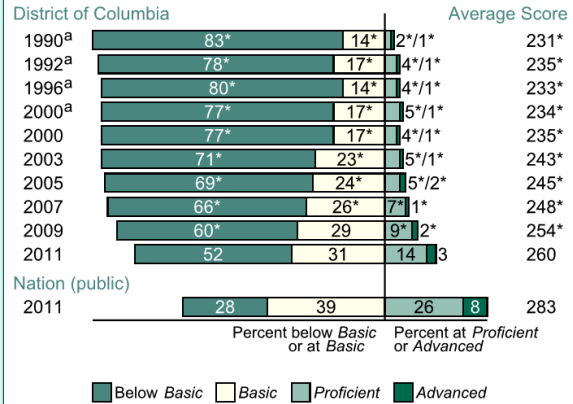**Grade 8**
Public Schools

Overall Results

- In 2011, the average score of eighth-grade students in District of Columbia was 260. This was lower than the average score of 283 for public school students in the nation.
- The average score for students in District of Columbia in 2011 (260) was higher than their average score in 2009 (254) and was higher than their average score in 1990 (231).
- In 2011, the score gap between students in District of Columbia at the 75th percentile and students at the 25th percentile was 54 points. This performance gap was wider than that of 1990 (43 points).
- The percentage of students in District of Columbia who performed at or above the NAEP *Proficient* level was 17 percent in 2011. This percentage was greater than that in 2009 (11 percent) and was greater than that in 1990 (3 percent).
- The percentage of students in District of Columbia who performed at or above the NAEP *Basic* level was 48 percent in 2011. This percentage was greater than that in 2009 (40 percent) and was greater than that in 1990 (17 percent).

Achievement-Level Percentages and Average Score Results

District of Columbia / Average Score

Year	Below Basic	Basic	Proficient/Advanced	Average Score
1990a	83*	14*	2*/1*	231*
1992a	78*	17*	4*/1*	235*
1996a	80*	14*	4*/1*	233*
2000a	77*	17*	5*/1*	234*
2000	77*	17*	4*/1*	235*
2003	71*	23*	5*/1*	243*
2005	69*	24*	5*/2*	245*
2007	66*	26*	7*/1*	248*
2009	60*	29	9*/2*	254*
2011	52	31	14/3	260

Nation (public)

Year	Below Basic	Basic	Proficient	Advanced	Average Score
2011	28	39	26	8	283

Percent below *Basic* or at *Basic* — Percent at *Proficient* or *Advanced*

Legend: ■ Below *Basic* □ *Basic* ■ *Proficient* ■ *Advanced*

* 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
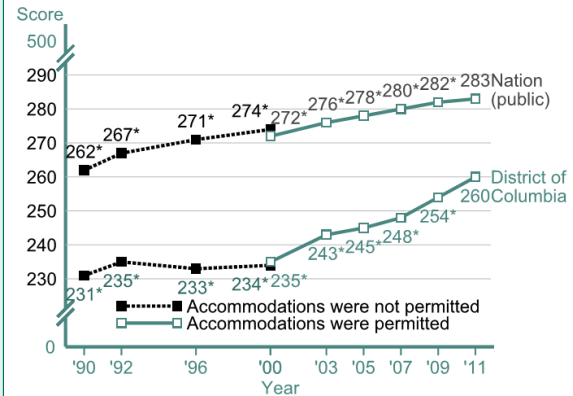

- ■ District of Columbia
- ■ DoDEA[1]

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

In 2011, the average score in **District of Columbia** (260) was
- ■ lower than those in 51 states/jurisdictions
- ■ higher than that in 0 states/jurisdictions
- ■ not significantly different from those in 0 state/jurisdiction

Average Scores for State/Jurisdiction and Nation (public)

Nation (public): 262*, 267*, 271*, 274*, 272*, 276*, 278*, 280*, 282*, 283

District of Columbia: 231*, 235*, 233*, 234*, 235*, 243*, 245*, 248*, 254*, 260

■ Accommodations were not permitted
□ Accommodations were permitted

Year: '90 '92 '96 '00 '03 '05 '07 '09 '11

* 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	Proficient	Percent at Advanced
Race/Ethnicity					
White	5	319	97	76	32
Black	82	256	44	13	2
Hispanic	11	261	50	17	2
Asian	1	‡	‡	‡	‡
American Indian/Alaska Native	#	‡	‡	‡	‡
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	1	‡	‡	‡	‡
Gender					
Male	48	259	46	17	4
Female	52	262	50	17	3
National School Lunch Program					
Eligible	71	253	41	11	1
Not eligible	29	278	66	33	9

\# 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 63 points lower than White students. Data are not reported for White students in 1990, because reporting standards were not met.
- In 2011, Hispanic students had an average score that was 58 points lower than White students. Data are not reported for White students in 1990, because reporting standards were not met.
- In 2011, female students in District of Columbia had an average score that was not significantly different from male 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 25 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 (19 points).