

Overall Results

- In 2017, the average score of fourth-grade students in District of Columbia was 231. This was not significantly different from the average score of 232 for public school students in large cities.
- The average score for students in District of Columbia in 2017 (231) was not significantly different from their average score in 2015 (232) and was higher than their average score in 2003 (205).
- The percentage of students in District of Columbia who performed at or above the NAEP *Proficient* level was 31 percent in 2017. This percentage was not significantly different from that in 2015 (33 percent) and was greater than that in 2003 (7 percent).
- The percentage of students in District of Columbia who performed at or above the NAEP *Basic* level was 67 percent in 2017. This percentage was not significantly different from that in 2015 (68 percent) and was greater than that in 2003 (36 percent).

Compare the Average Score in 2017 to Other Districts

In 2017, the average score in District of Columbia (DCPS) (231) was

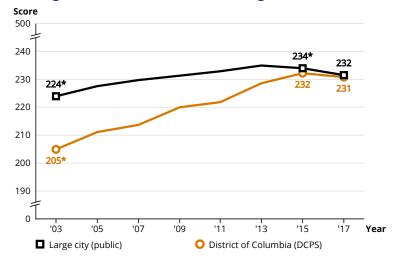
Lower Than 9	Not Significantly Different From	Higher Than 8
Districts	9 Districts	Districts
Austin Charlotte Dallas Duval County (FL) Guilford County (NC) Hillsborough County Houston Miami-Dade San Diego	Albuquerque Atlanta Boston Chicago Clark County (NV) Denver Fort Worth (TX) Jefferson County New York City	Baltimore City Cleveland Detroit Fresno Los Angeles Milwaukee Philadelphia Shelby County (TN)

Achievement-Level Percentages and Average Score Results

District of	f Columbia (DCP	S)			Average	Score
2003	64	*	29* 6 [:]	* 1*		205*
2015		32	35	24	9	232
2017		33	35	22	9	231
Large city	(public)					
2017		29*	40*	25	5*	232
Nation (p	ublic)					
2017		21*	39*	32'	* 8	239*
			Percent at Basic, Pro or Advanced	oficient		
	Be	elow Basic 🔲 Bas	sic 🔳 Proficient 📕	Advanced		

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

Average Scores for District and Large Cities



* Significantly different (ρ < .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 56 points lower than that for White students. This performance gap was not significantly different from that in 2003 (60 points).
- In 2017, Hispanic students had an average score that was 43 points lower than that for White students. This performance gap was narrower than that in 2003 (57 points).
- In 2017, male students in District of Columbia 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 46 points lower than that for students who were not eligible. This performance gap was wider than that in 2003 (21 points).

Results for Student Groups in 2017

Percentage	Avg.	or	above	Percentage at				
of students	score	Basic	Proficient	Advanced				
15	274	98	82	40				
62	218	57	18	2				
19	231	70	29	5				
2	‡	‡	‡	‡				
Native #	‡	‡	+	‡				
: Islander #	‡	‡	+	‡				
2	‡	‡	‡	+				
50	231	66	32	11				
50	230	67	31	7				
rogram								
- 75	219	58	18	2				
25	265	94	72	30				
	of students 15 62 19 2 Native # 1 15 62 19 2 2 50 50 50 70 75	of students score 15 274 62 218 19 231 2 ‡ Native # 1slander # 50 231 50 231 50 230 rogram 75	Percentage of students Avg. score or Basic 15 274 98 62 218 57 19 231 70 2 1 1 18 4 1 19 231 70 2 1 1 19 231 70 2 1 1 19 231 1 2 1 1 2 1 1 2 1 1 2 2 1 3 2 1 2 2 1 50 230 66 50 230 67 70 75 219 58	of students score Basic Proficient 15 274 98 82 62 218 57 18 19 231 70 29 2 ‡ ‡ ‡ 1slander # ‡ ‡ 50 231 66 32 50 230 67 31 rogram 75 219 58 18				

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.



NOTE: The NAEP mathematics scale ranges from 0 to 500. Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. 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: Ū.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003-2017 Mathematics Assessments.

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Overall Results

- In 2017, the average score of eighth-grade students in District of Columbia was 262. This was lower than the average score of 274 for public school students in large cities.
- The average score for students in District of Columbia in 2017 (262) was not significantly different from their average score in 2015 (258) and was higher than their average score in 2003 (243).
- The percentage of students in District of Columbia who performed at or above the NAEP *Proficient* level was 20 percent in 2017. This percentage was not significantly different from that in 2015 (17 percent) and was greater than that in 2003 (6 percent).
- The percentage of students in District of Columbia who performed at or above the NAEP *Basic* level was 47 percent in 2017. This percentage was not significantly different from that in 2015 (46 percent) and was greater than that in 2003 (29 percent).

Compare the Average Score in 2017 to Other Districts

In 2017, the average score in District of Columbia (DCPS) (262) was

Lower Than 18 Districts	Not Significantly Different From 2 Districts	Higher Than 6 Districts
Albuquerque Austin Boston Charlotte Chicago Clark County (NV) Dallas Denver Duval County (FL) Fort Worth (TX) Guilford County (NC) Hillsborough County Houston Jefferson County Los Angeles Miami-Dade New York City San Diego	Atlanta Philadelphia	Baltimore City Cleveland Detroit Fresno Milwaukee Shelby County (TN)

Results for Student Groups in 2017

Results for Student droups in 2017								
	D		Percentage at		Percentage			
	Percentage	Avg.		above	at			
Reporting Groups	of students	score	Basic	Proficient	Advanced			
Race/Ethnicity								
White	12	318	93	72	36			
Black	66	250	36	9	1			
Hispanic	17	262	50	18	5			
Asian	2	‡	‡	‡	+			
American Indian/Alaska	Native #	‡	‡	‡	‡			
Native Hawaiian/Pacific	: Islander #	‡	‡	‡	+			
Two or more races	2	‡	‡	‡	‡			
Gender								
Male	51	257	40	18	7			
Female	49	267	54	22	7			
National School Lunch P	rogram							
Eligible	72	247	34	8	#			
Not eligible	28	300	82	52	23			
". D								

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.

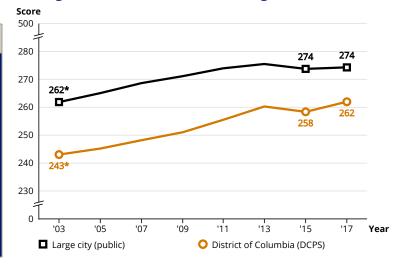


Achievement-Level Percentages and Average Score Results

District of (Columbia	a (DCPS)						Average	Score
2003		71*		23 5* 1*				243*	
2015	[54	28	13	5		258
2017		53			27	13	7		262
Large city (public)								
2017		39*		39*	34*	34* 1		7	274*
Nation (pu	blic)								
2017			[31*	36*		24*	10*	282*
Percent Percent at Basic, Proficient below Basic or Advanced									
		🔲 Belc	w Ba	nsic 🔲 Basic 📕	Proficient	Advan	ced		

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

Average Scores for District and Large Cities



 \star 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 68 points lower than that for White students. Data are not reported for White students in 2003, because reporting standards were not met.
- In 2017, Hispanic students had an average score that was 55 points lower than that for White students. Data are not reported for White students in 2003, because reporting standards were not met.
- In 2017, male students in District of Columbia had an average score that was lower than that for female students by 10 points. This performance gap was wider than that in 2003 (3 points in favor of female).
- In 2017, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 53 points lower than that for students who were not eligible. This performance gap was wider than that in 2003 (18 points).

NOTE: The NAEP mathematics scale ranges from 0 to 500. Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. 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: Ū.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003-2017 Mathematics Assessments.

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