

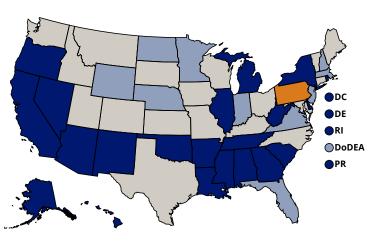
2017 Mathematics State Snapshot Report

Pennsylvania - Grade 4 - Public Schools

Overall Results

- In 2017, the average score of fourth-grade students in Pennsylvania was 242. This was higher than the average score of 239 for public school students in the nation.
- The average score for students in Pennsylvania in 2017 (242) was not significantly different from their average score in 2015 (243) and was higher than their average score in 2003 (236).
- The percentage of students in Pennsylvania who performed at or above the NAEP *Proficient* level was 44 percent in 2017. This percentage was not significantly different from that in 2015 (45 percent) and was greater than that in 2003 (36 percent).
- The percentage of students in Pennsylvania who performed at or above the NAEP *Basic* level was 80 percent in 2017. This percentage was not significantly different from that in 2015 (83 percent) and in 2003 (78 percent).

Compare the Average Score in 2017 to Other States/Jurisdictions



In 2017, the average score in Pennsylvania (242) was

lower than those in 11 states/jurisdictions

higher than those in 23 states/jurisdictions

not significantly different from those in 18 states/jurisdictions

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

Results for Student Groups in 2017

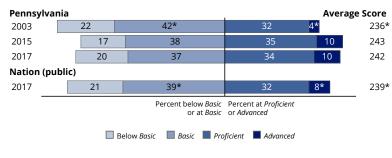
	Percentage	Avg.		entage at above	Percentage at
Reporting Groups	of students	score	Basic	Proficient	Advanced
Race/Ethnicity					
White	65	250	89	54	12
Black	14	216	54	13	1
Hispanic	12	221	61	17	1
Asian	4	268	94	76	36
American Indian/Alaska	Native #	‡	‡	‡	‡
Native Hawaiian/Pacifi	: Islander #	‡	‡	‡	‡
Two or more races	4	234	74	31	7
Gender					
Male	50	243	81	46	12
Female	50	240	80	41	9
National School Lunch P	rogram				
Eligible	50	228	69	25	3
Not eligible	49	256	92	63	17
# Da da ta aaaa					

Rounds to zero.

‡ Reporting standards not met.

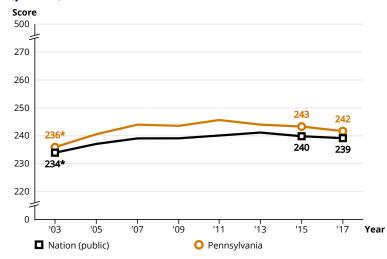
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic 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 34 points lower than that for White students. This performance gap was not significantly different from that in 2003 (31 points).
- In 2017, Hispanic students had an average score that was 29 points lower than that for White students. This performance gap was not significantly different from that in 2003 (27 points).
- In 2017, male students in Pennsylvania 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 28 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (25 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, 2003-2017 Mathematics Assessments.