

2015 Mathematics State Snapshot Report

Pennsylvania ■ Grade 4 ■ Public Schools

Overall Results

- In 2015, the average score of fourth-grade students in Pennsylvania was 243. This was higher than the average score of 240 for public school students in the nation.
- The average score for students in Pennsylvania in 2015 (243) was not significantly different from their average score in 2013 (244) 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 45 percent in 2015. This percentage was not significantly different from that in 2013 (44 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 83 percent in 2015. This percentage was not significantly different from that in 2013 (85 percent) and was greater than that in 2003 (78 percent).

Compare the Average Score in 2015 to Other States/Jurisdictions



In 2015, the average score in Pennsylvania (243) was

- lower than those in 6 states/jurisdictions
- higher than those in 23 states/jurisdictions not significantly different from those in 22 states/jurisdictions

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

Results for Student Groups in 2015

Reporting Groups	Percentage of students	Avg. score	or	entage at above <i>Proficient</i>	Percentage at Advanced
Race/Ethnicity	Decide Circo		200.0		
White	70	250	89	53	12
Black	13	219	56	15	1
Hispanic	11	226	66	21	2
Asian	3	260	97	64	22
American Indian/Alaska Native	#	‡	‡	‡	‡
Native Hawaiian/Pacific Islander	r #	‡	‡	‡	‡
Two or more races	3	243	83	44	8
Gender					
Male	52	244	83	47	11
Female	48	242	82	43	8
National School Lunch Program			F V		
Eligible	43	229	71	24	3
Not eligible	57	254	92	61	14
# Rounds to zero					TELEVISION (1975)

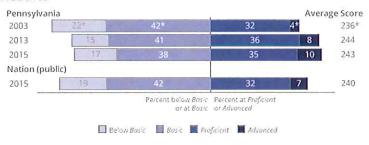
Rounds to zero.

‡ 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

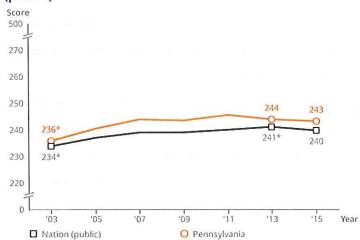
free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

Achievement-Level Percentages and Average Score Results



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

Score Gaps for Student Groups

- In 2015, Black students had an average score that was 31 points lower than that for White students. This performance gap was not significantly different from that in 2003 (31 points).
- In 2015, Hispanic students had an average score that was 24 points lower than that for White students. This performance gap was not significantly different from that in 2003 (27 points).
- In 2015, male students in Pennsylvania 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 25 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (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, 2003-2015 Mathematics Assessments.