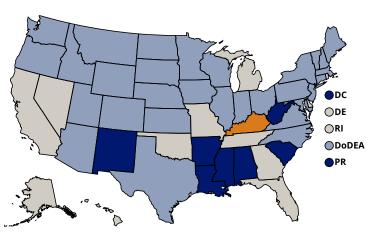


2017 Mathematics State Snapshot Report Kentucky • Grade 8 • Public Schools

Overall Results

- In 2017, the average score of eighth-grade students in Kentucky was 278. This was lower than the average score of 282 for public school students in the nation.
- The average score for students in Kentucky in 2017 (278) was not significantly different from their average score in 2015 (278) and was higher than their average score in 2000 (270).
- The percentage of students in Kentucky who performed at or above the NAEP *Proficient* level was 29 percent in 2017. This percentage was not significantly different from that in 2015 (28 percent) and was greater than that in 2000 (20 percent).
- The percentage of students in Kentucky who performed at or above the NAEP *Basic* level was 65 percent in 2017. This percentage was not significantly different from that in 2015 (68 percent) and was greater than that in 2000 (60 percent).

Compare the Average Score in 2017 to Other States/Jurisdictions



In 2017, the average score in Kentucky (278) was

lower than those in 31 states/jurisdictions

higher than those in 9 states/jurisdictions

not significantly different from those in 12 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	78	282	70	32	8
Black	11	252	37	9	1
Hispanic	5	269	56	21	2
Asian	2	303	80	51	27
American Indian/Alaska	Native #	‡	‡	‡	‡
Native Hawaiian/Pacific	: Islander #	‡	‡	‡	‡
Two or more races	3	267	56	19	6
Gender					
Male	51	276	63	27	7
Female	49	280	68	31	7
National School Lunch Pi	rogram				
Eligible	55	265	53	17	2
Not eligible	45	293	81	44	13

Rounds to zero.

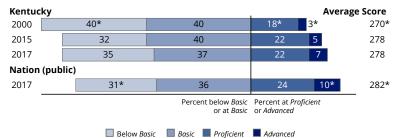
‡ Reporting standards not met.

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.



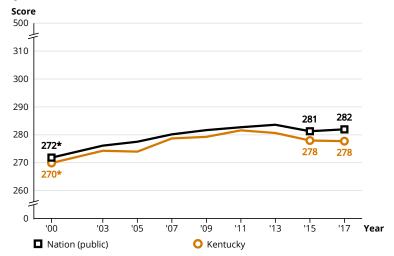
Achievement-Level Percentages and Average Score Results



* 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 30 points lower than that for White students. This performance gap was not significantly different from that in 2000 (22 points).
- In 2017, Hispanic students had an average score that was 13 points lower than that for White students. Data are not reported for Hispanic students in 2000, because reporting standards were not met.
- In 2017, male students in Kentucky had an average score that was lower than that for female students by 4 points. This performance gap was wider than that in 2000 (3 points).
- 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 2000 (26 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, 2000-2017 Mathematics Assessments.