## Nations Report Card

## 2017 Mathematics State Snapshot Report Nation (public) • Grade 4 • Public Schools

## Overall Results

- The average score for students in the nation in 2017 (239) was not significantly different from their average score in 2015 (240) and was higher than their average score in 2000 (224).
- The percentage of students in the nation who performed at or above the NAEP Proficient level was 40 percent in 2017. This percentage was not significantly different from that in 2015 (39 percent) and was greater than that in 2000 ( 22 percent).
- The percentage of students in the nation who performed at or above the NAEP Basic level was 79 percent in 2017. This percentage was smaller than that in 2015 (81 percent) and was greater than that in 2000 ( 64 percent).


## Compare the Average Score in 2017 to Other States/Jurisdictions



In 2017, the average score in National (Public) (239) was
$\square$ lower than those in 16 states/jurisdictions
higher than those in 19 states/jurisdictions
$\square$ 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

| $\begin{array}{ll}\text { Reporting Groups } & \begin{array}{l}\text { Percenta } \\ \text { of stude }\end{array}\end{array}$ | Percentage of students | Avg. score | Percentage at or above <br> Basic Proficient |  | Percentage at Advanced |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Race/Ethnicity |  |  |  |  |  |
| White | 47 | 248 | 88 | 51 | 11 |
| Black | 15 | 223 | 63 | 19 | 2 |
| Hispanic | 27 | 229 | 70 | 26 | 3 |
| Asian | 5 | 260 | 92 | 67 | 26 |
| American Indian/Alaska Native | 1 | 228 | 69 | 25 | 3 |
| Native Hawaiian/Pacific Islander | \# | 228 | 70 | 27 | 4 |
| Two or more races | 4 | 244 | 84 | 44 | 10 |
| Gender |  |  |  |  |  |
| Male | 51 | 240 | 79 | 41 | 9 |
| Female | 49 | 238 | 79 | 38 | 7 |
| National School Lunch Program |  |  |  |  |  |
| Eligible | 54 | 228 | 69 | 25 | 3 |
| Not eligible | 45 | 253 | 91 | 57 | 14 |

\# Rounds to zero.
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

| Nation (public) |  |  |  | Average Score |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 | 36* | 41 | 20* |  | 224* |
| 2015 | 19* | 42* | 32 | 7* | 240 |
| 2017 | 21 | 39 | 32 | 8 | 239 |
| Percent below Basic Percent at Proficient or at Basic or Advanced |  |  |  |  |  |

* Significantly different ( $p<.05$ ) from nation'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 25 points lower than that for White students. This performance gap was narrower than that in 2000 ( 30 points).
- In 2017, Hispanic students had an average score that was 19 points lower than that for White students. This performance gap was narrower than that in 2000 ( 26 points).
- In 2017, male students in the nation had an average score that was higher than that for female students by 2 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 25 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.

