2019 Mathematics State Snapshot Report Colorado $=$ Grade 4 - Public Schools

## Overall Results

■ In 2019, the average score of fourth-grade students in Colorado was 242. This was not significantly different from the average score of 240 for students in the nation.
■ The average score for students in Colorado in 2019 (242) was not significantly different from their average score in 2017 (241) and was higher than their average score in 2003 (235).
■ The percentage of students in Colorado who performed at or above the NAEP Proficient level was 44 percent in 2019. This percentage was not significantly different from that in 2017 (42 percent) and was higher than that in 2003 (34 percent).
■ The percentage of students in Colorado who performed at or above the NAEP Basic level was 80 percent in 2019. This percentage was not significantly different from that in 2017 ( 80 percent) and was higher than that in 2003 ( 77 percent).

## Compare the Average Score in 2019 to Other States/ Jurisdictions



In 2019, the average score in Colorado (242) was
$\square$ lower than those in 7 states/jurisdictions
higher than those in 20 states/jurisdictions
not significantly different from those in 24 states/jurisdictions
DoDEA = Department of Defense Education Activity (overseas and domestic schools)
NOTE: Puerto Rico was not included in the comparison results.

## Results for Student Groups in 2019

| Reporting Groups | Percentage of students | $\begin{aligned} & \text { Avg. } \\ & \text { scor } \end{aligned}$ | Percentage at or above NAEP <br> Basic Proficient |  | Percentage at NAEP Advanced |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Race/Ethnicity |  |  |  |  |  |
| White | 53 | 252 | 90 | 57 | 15 |
| Black | 4 | 224 | 62 | 25 | 2 |
| Hispanic | 33 | 227 | 67 | 25 | 4 |
| Asian | 3 | 256 | 91 | 61 | 18 |
| American Indian/Alaska Native | 1 | $\ddagger$ | キ | $\ddagger$ | $\ddagger$ |
| Native Hawaiian/Pacific Islander | \# | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Two or more races | 5 | 244 | 84 | 46 | 9 |
| Gender |  |  |  |  |  |
| Male | 51 | 245 | 82 | 49 | 13 |
| Female | 49 | 239 | 79 | 40 | 8 |
| National School Lunch Program |  |  |  |  |  |
| Eligible | 42 | 225 | 66 | 23 | 3 |
| Not eligible | 56 | 254 | 91 | 61 | 17 |

\# Rounds to zer
$\ddagger$ 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.

## NAEP Achievement-Level Percentages and Average Score Results



* Significantly different ( $p<.05$ ) from state's results in 2019. Significance tests were performed using unrounded numbers.
NOTE: NAEP achievement levels are to be used on a trial basis and should be interpreted and used with caution. Detail may not sum to totals because of rounding.


## Average Scores for State/Jurisdiction and Nation



* Significantly different ( $p<.05$ ) from 2019. Significance tests were performed using unrounded numbers.


## Score Gaps for Student Groups

- In 2019, Black students had an average score that was 28 points lower than that for White students. This performance gap was not significantly different from that in 2003 (26 points).
- In 2019, Hispanic students had an average score that was 25 points lower than that for White students. This performance gap was not significantly different from that in 2003 (26 points).
- In 2019, male students in Colorado had an average score that was higher than that for female students by 5 points.
■ In 2019, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 29 points lower than that for students who were not eligible. This performance gap was wider than that in 2003 (24 points).

