## Nations Report Card

## 2015 Mathematics State Snapshot Report Colorado • Grade 4 • Public Schools

## Overall Results

- In 2015, the average score of fourth-grade students in Colorado was 242. This was not significantly different from the average score of 240 for public school students in the nation.
- The average score for students in Colorado in 2015 (242) was lower than their average score in 2013 (247) 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 43 percent in 2015. This percentage was smaller than that in 2013 ( 50 percent) and was greater than that in 2003 (34 percent).
- The percentage of students in Colorado who performed at or above the NAEP Basic level was 82 percent in 2015. This percentage was smaller than that in 2013 ( 87 percent) and was greater than that in 2003 (77 percent).


## Compare the Average Score in 2015 to Other States/Jurisdictions



In 2015, the average score in Colorado (242) was
Iower than those in 9 states/jurisdictions
higher than those in 20 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 students score Basic Proficient Advanced Race/Ethnicity

| White | 52 | 253 | 92 | 58 | 13 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Black | 4 | 221 | 60 | 21 | 2 |
| Hispanic | 36 | 227 | 69 | 22 | 2 |
| Asian | 3 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| American Indian/Alaska Native | 1 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Native Hawaiian/Pacific Islander | $\#$ | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Two or more races | 4 | 252 | 91 | 54 | 15 |
| Gender |  |  |  |  |  |
| Male | 51 | 243 | 82 | 45 | 10 |
| Female | 49 | 240 | 82 | 40 | 7 |
| National School Lunch Program |  |  |  |  |  |
| Eligible | 47 | 228 | 70 | 25 | 2 |
| Not eligible | 52 | 254 | 93 | 59 | 14 |

\# Rounds to zero.
$\ddagger$ 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.

## 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 ( $p<.05$ ) from 2015. Significance tests were performed using unrounded numbers.


## Score Gaps for Student Groups

- In 2015, Black students had an average score that was 32 points lower than that for White students. This performance gap was not significantly different from that in 2003 (26 points).
- In 2015, Hispanic students had an average score that was 26 points lower than that for White students. This performance gap was not significantly different from that in 2003 (26 points).
- In 2015, male students in Colorado 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 26 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (24 points).


## Nationis Report Card

## 2015 Mathematics State Snapshot Report Colorado • Grade 8 • Public Schools

## Overall Results

- In 2015, the average score of eighth-grade students in Colorado was 286. This was higher than the average score of 281 for public school students in the nation.
- The average score for students in Colorado in 2015 (286) was lower than their average score in 2013 (290) and was not significantly different from their average score in 2003 (283).
- The percentage of students in Colorado who performed at or above the NAEP Proficient level was 37 percent in 2015. This percentage was smaller than that in 2013 ( 42 percent) and was not significantly different from that in 2003 (34 percent).
- The percentage of students in Colorado who performed at or above the NAEP Basic level was 73 percent in 2015. This percentage was not significantly different from that in 2013 (77 percent) and in 2003 (74 percent).


## Compare the Average Score in 2015 to Other States/Jurisdictions



In 2015, the average score in Colorado (286) was
Iower than those in 6 states/jurisdictions
higher than those in 22 states/jurisdictions not significantly different from those in 23 states/jurisdictions

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

## Results for Student Groups in 2015

Percentage
of
Avg. $\begin{gathered}\text { Percentage at ar above } \\ \text { or abontage }\end{gathered}$ students score Basic Proficient Advanced
Reporting Groups Race/Ethnicity

## Black <br> Hispanic

Asian
American Indian/Alaska Native
Native Hawaiian/Pacific Islander Two or more races

## Gender

| Male | 50 | 287 | 74 | 39 | 11 |
| :--- | :--- | :--- | :--- | :--- | ---: |
| Female | 50 | 284 | 72 | 35 | 9 |
| National School Lunch Program |  |  |  |  |  |
| $\quad$ Eligible | 43 | 268 | 58 | 19 | 3 |
| Not eligible | 55 | 300 | 86 | 52 | 17 |

Not eligible
$\begin{array}{llll}55 & 300 & 86 & 52\end{array}$ 17
\# Rounds to zero.
$\ddagger$ 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.

## 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 ( $p<.05$ ) from 2015. Significance tests were performed using unrounded numbers.


## Score Gaps for Student Groups

- In 2015, Black students had an average score that was 37 points lower than that for White students. This performance gap was not significantly different from that in 2003 (37 points).
- In 2015, 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 (33 points).
- In 2015, male students in Colorado 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 31 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (30 points).

