## Overall Results

- In 2011, the average score of eighth-grade students in Montana was 163 . This was higher than the average score of 151 for public school students in the nation.
- The average score for students in Montana in 2011 (163) was not significantly different from their average score in 2009 (162).
- In 2011, the score gap between students in Montana at the 75th percentile and students at the 25th percentile was 37 points. This performance gap was not significantly different from that of 2009 (37 points).
- The percentage of students in Montana who performed at or above the NAEP Proficient level was 44 percent in 2011. This percentage was not significantly different from that in 2009 (43 percent).
- The percentage of students in Montana who performed at or above the NAEP Basic level was 80 percent in 2011. This percentage was not significantly different from that in 2009 (79 percent).


## Compare the Average Score in 2011 to Other States/Jurisdictions


${ }^{1}$ Department of Defense Education Activity (overseas and domestic schools).
In 2011, the average score in Montana (163) was

- lower than those in 0 states/jurisdictions
- higher than those in 43 states/jurisdictions
- not significantly different from those in 8 states/jurisdictions

| Results for Student Groups in 2011 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Groups | Percent of students | $\begin{aligned} & \text { Avg. } \\ & \text { score } \end{aligned}$ |  | entages <br> above <br> Proficient | Percent at Advanced |
| Race/Ethnicity |  |  |  |  |  |
| White | 84 | 167 | 84 | 48 | 2 |
| Black | 1 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Hispanic | 3 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Asian | 1 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| American Indian/Alaska Native | 10 | 138 | 51 | 18 | \# |
| Native Hawaiian/Pacific Islander | \# | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Two or more races | 1 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Gender |  |  |  |  |  |
| Male | 51 | 166 | 81 | 49 | 2 |
| Female | 49 | 160 | 79 | 39 | 1 |
| National School Lunch Program |  |  |  |  |  |
| Eligible | 38 | 153 | 68 | 30 | 1 |
| Not eligible | 62 | 170 | 87 | 52 | 3 |

[^0]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


NOTE: Detail may not sum to totals because of rounding.

Average Scores for State/Jurisdiction and Nation (public)

*Significantly different ( $p<.05$ ) from 2011. Significance tests were performed using unrounded numbers.

## Score Gaps for Student Groups

- Data are not reported for Black students in 2011, because reporting standards were not met.
- Data are not reported for Hispanic students in 2011, because reporting standards were not met.
- In 2011, male students in Montana had an average score that was higher than female students by 6 points.
- In 2011, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 17 points lower than students who were not eligible for free/reduced-price school lunch. This performance gap was not significantly different from that in 2009 (17 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), 2009 and 2011 Science Assessments.


[^0]:    \# Rounds to zero.
    $\ddagger$ Reporting standards not met.

