## 2015 Science State Snapshot Report

 Arizona • Grade 8 • Public Schools
## Overall Results

- In 2015, the average score of eighth-grade students in Arizona was 148. This was lower than the average score of 153 for public school students in the nation.
- The average score for students in Arizona in 2015 (148) was higher than their average score in 2011 (144) and in 2009 (141).
- The percentage of students in Arizona who performed at or above the NAEP Proficient level was 25 percent in 2015. This percentage was not significantly different from that in 2011 (23 percent) and in 2009 (22 percent).
- The percentage of students in Arizona who performed at or above the NAEP Basic level was 61 percent in 2015. This percentage was greater than that in 2011 (56 percent) and in 2009 (54 percent).


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



In 2015, the average score in Arizona (148) waslower than those in 33 states/jurisdictions
higher than those in 5 states/jurisdictions
$\square$ not significantly different from those in 8 states/jurisdictions
$\square 5$ states/jurisdictions did not participate in 2015
DoDEA = Department of Defense Education Activity (overseas and domestic schools)

## Results for Student Groups in 2015

| Reporting Groups | Percentage of students | Avg. score | $\begin{gathered} \text { Perce } \\ \text { or } \\ \text { Basic } \end{gathered}$ | entage at above Proficient | Percentage at Advanced |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Race/Ethnicity |  |  |  |  |  |
| White | 39 | 162 | 80 | 41 | 2 |
| Black | 5 | 131 | 38 | 12 | \# |
| Hispanic | 47 | 138 | 48 | 14 | \# |
| Asian | 3 | 169 | 87 | 49 | 3 |
| American Indian/Alaska Native | 4 | 130 | 35 | 8 | \# |
| Native Hawaiian/Pacific Islander | \# | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Two or more races | 1 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Gender |  |  |  |  |  |
| Male | 51 | 149 | 63 | 29 | 1 |
| Female | 49 | 146 | 59 | 22 | 1 |
| National School Lunch Program |  |  |  |  |  |
| Eligible | 56 | 137 | 47 | 14 | \# |
| Not eligible | 37 | 161 | 79 | 40 | 2 |

\# 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 31 points lower than that for White students. This performance gap was not significantly different from that in 2009 (32 points).
- In 2015, Hispanic students had an average score that was 25 points lower than that for White students. This performance gap was narrower than that in 2009 (31 points).
- In 2015, male students in Arizona 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 24 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2009 (26 points).

