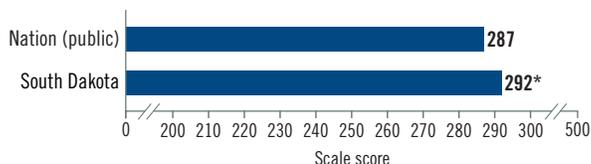


# Reading

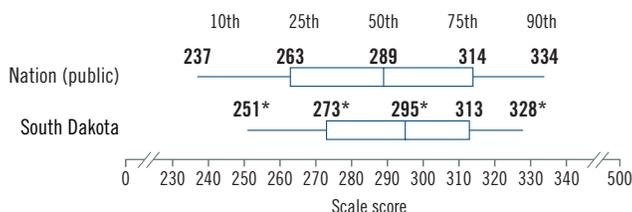


Average scale scores in NAEP reading for twelfth-grade public school students in the nation and South Dakota: 2009



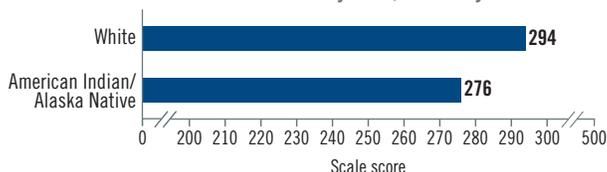
\* Significantly different ( $p < .05$ ) from the nation.

Percentile scores in NAEP reading for twelfth-grade public school students in the nation and South Dakota: 2009



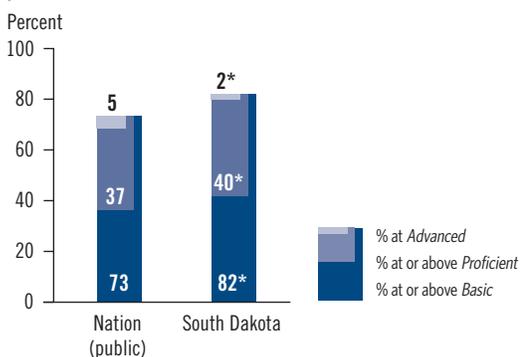
\* Significantly different ( $p < .05$ ) from the nation.

Average scale scores in NAEP reading for twelfth-grade public school students in South Dakota, by race/ethnicity: 2009



NOTE: Results are not shown for all race/ethnicity categories because of insufficient sample sizes. Race categories exclude Hispanic origin.

Achievement-level results in NAEP reading for twelfth-grade public school students in the nation and South Dakota: 2009



\* Significantly different ( $p < .05$ ) from the nation.

## For South Dakota twelfth-graders in 2009,

- the overall average reading score of 292 was higher than the score for the nation.

### Percentile score results showed

- a higher score at the 25th percentile compared to the nation.
- no significant difference in the score at the 75th percentile compared to the nation.

### Results for racial/ethnic groups showed

- a White - American Indian/Alaska Native score gap of 18 points.

### Results for parental education level showed

- a 33-point score gap between students who reported neither of their parents finished high school and those who reported at least one parent graduated from college.
- no significant difference in the score gap compared to the 28-point score gap for the nation.

### Results for how often students wrote long answers to questions that involved reading

- 27% wrote long answers at least once a week.
- 41% wrote long answers once or twice a month.
- 25% wrote long answers once or twice a year.
- 6% never wrote long answers.

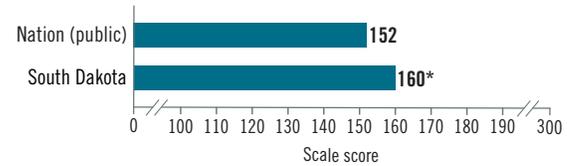
## What is the highest level of education students plan to complete?

- 20% plan to go to graduate school.
- 63% plan to graduate from college.
- 10% plan to complete some education after high school.
- 4% plan to graduate from high school.
- 1% do not plan to finish high school.

# South Dakota

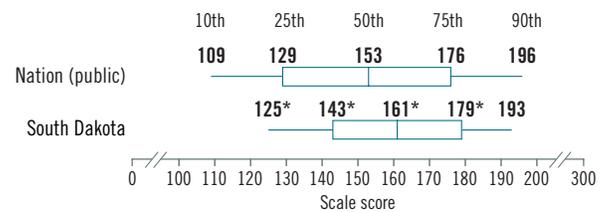
## Mathematics

Average scale scores in NAEP mathematics for twelfth-grade public school students in the nation and South Dakota: 2009



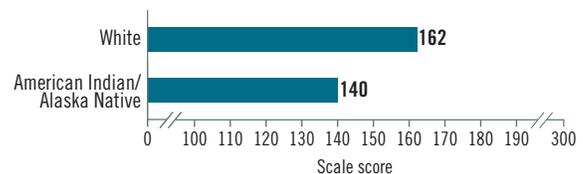
\* Significantly different ( $p < .05$ ) from the nation.

Percentile scores in NAEP mathematics for twelfth-grade public school students in the nation and South Dakota: 2009



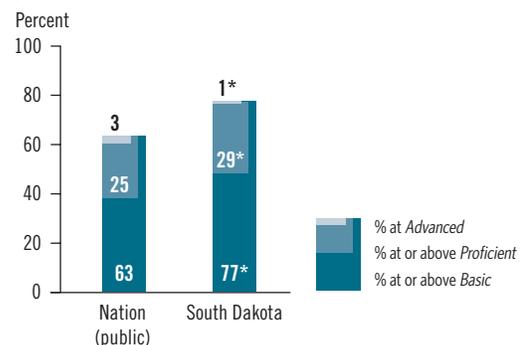
\* Significantly different ( $p < .05$ ) from the nation.

Average scale scores in NAEP mathematics for twelfth-grade public school students in South Dakota, by race/ethnicity: 2009



NOTE: Results are not shown for all race/ethnicity categories because of insufficient sample sizes. Race categories exclude Hispanic origin.

Achievement-level results in NAEP mathematics for twelfth-grade public school students in the nation and South Dakota: 2009



\* Significantly different ( $p < .05$ ) from the nation.

### For South Dakota twelfth-graders in 2009,

- the overall average mathematics score of 160 was higher than the score for the nation.

#### Percentile score results showed

- a higher score at the 25th percentile compared to the nation.
- a higher score at the 75th percentile compared to the nation.

#### Results for racial/ethnic groups showed

- a White - American Indian/Alaska Native score gap of 22 points.

#### Results for parental education level showed

- a 31-point score gap between students who reported neither of their parents finished high school and those who reported at least one parent graduated from college.
- no significant difference in the score gap compared to the 29-point score gap for the nation.

#### Results for the highest level mathematics course taken by students showed

- 17% took calculus.
- 28% took pre-calculus.
- 41% took algebra II/trigonometry.
- 8% took geometry.
- 5% took algebra I or lower.

### What do students plan to do in the year after leaving high school?

- 7% plan to work full time.
- 15% plan to attend vocational, technical, or business school.
- 7% plan to attend two-year college.
- 62% plan to attend four-year college, service academy, or university.
- 5% plan to serve in the military.