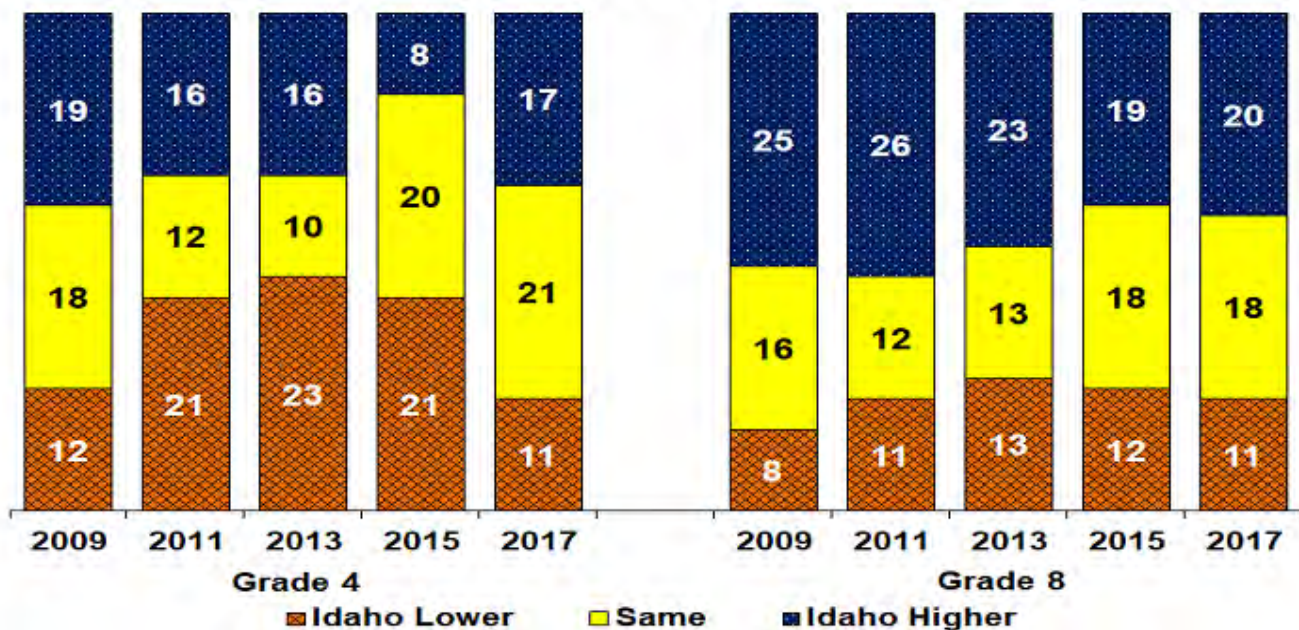




Idaho Cross-State Comparisons History—All Students NAEP 2009-2017 Mathematics, Grades 4 & 8

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills in number properties & operations, measurement, geometry, algebra & functions, and data analysis & probability. Statistical comparisons of Idaho's average score with the average scores from each of the other 49 states that result in a finding that Idaho scored higher than X states, Idaho was not significantly different from Y states, and Idaho scored lower than Z states. The time frame 2009-2017 covers the Obama years, or the years with NCLB continued funding.

Idaho Average Scores Compared to Other States? NAEP Mathematics, 2009 to 2017, All Students



Idaho **fourth graders** had average scale scores on the NAEP mathematics assessments that were:

- *Higher than* 19 states in 2009; 16 states in 2011, 16 states in 2013, 8 states in 2015, and 17 states in 2017.
- *Not statistically different from* 18 states in 2009, 12 states in 2011, 10 states in 2013, 20 states in 2015, and in 21 states in 2017.
- *Lower than* 12 states in 2009, 21 states in 2011, 23 states in 2013, and 21 states in 2015, and 11 states in 2017..

Idaho **eighth graders** had average scale scores on the NAEP mathematics assessments that were:

- *Higher than* 25 states in 2009, 26 states in 2011, 23 states in 2013, 19 states in 2015, and 20 states in 2017.
- *Not statistically different from* 16 states in 2009, 12 states in 2011, 13 states in 2013, 18 states in 2015, and 18 states in 2017.
- *Lower than* 8 states in 2009, 11 states in 2011, 13 states in 2013, 12 states in 2015, and 11 states in 2017.

Note: Comparisons based on pair-wise t-tests (family probability level $p < .05$) using unrounded numbers that considered the magnitude of difference and standard errors. **Source:** U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009, 2011, 2013, 2015, and 2017 Mathematics Assessments.