

**NAEP Reading and Mathematics 2003-2013:  
Idaho vs. the Other States<sup>1</sup>**

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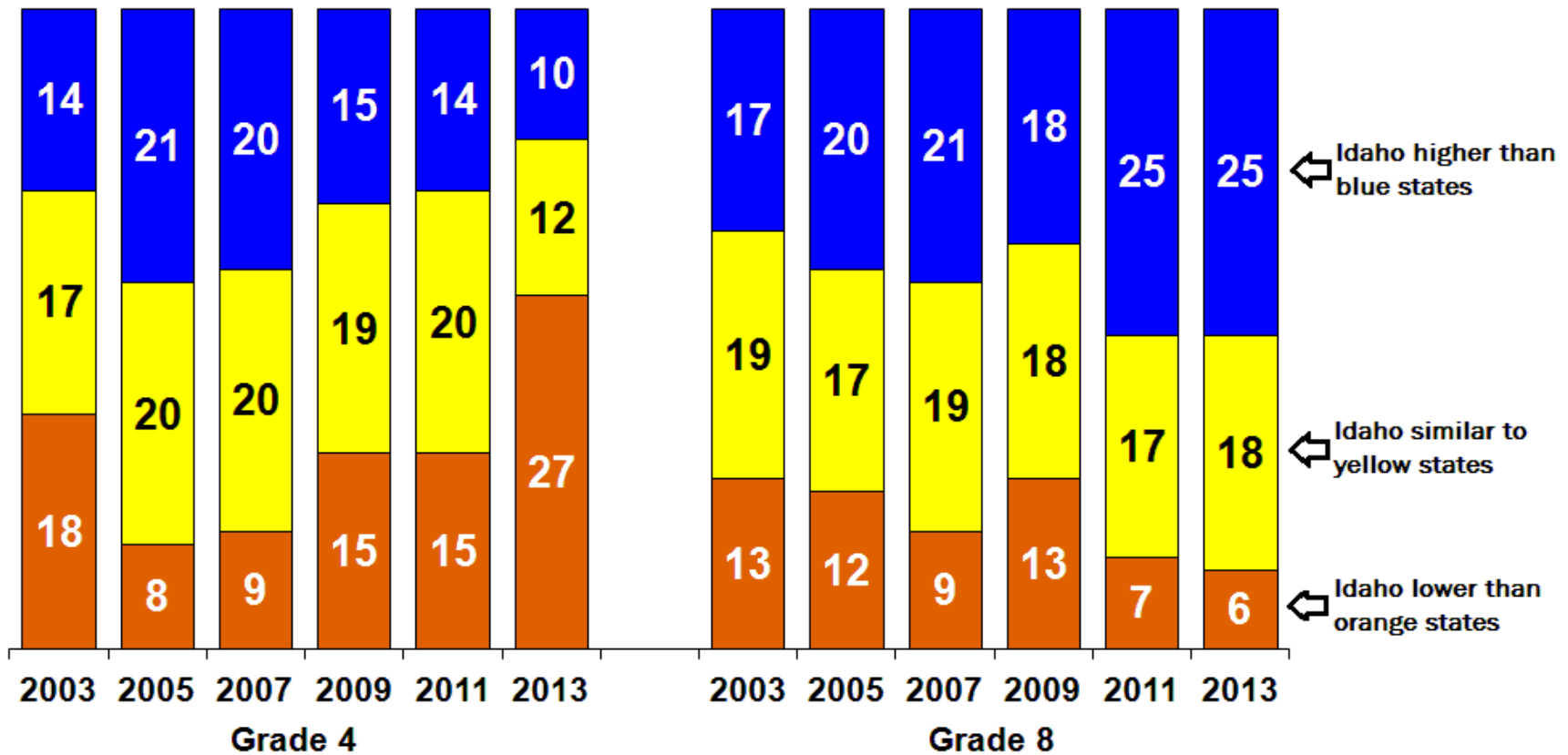
NAEP results from the years 2003 to 2013 were selected for report because they best coincide with the *No Child Left Behind* (NCLB) years. The analyses summarized here were conducted in the NAEP Data Explorer (NDE) using data from the *all students* groups. The National Center for Education Statistics (NCES) maintains the NDE, an online tool for mining and analyzing NAEP results.

Idaho was selected as a *focal state* of interest. The NDE compared each of the other 49 states -- one at a time -- with Idaho to determine whether Idaho was *statistically higher than* or *statistically lower than* or *not significantly different* from that state. The False Discovery Rate was used to control for Type I error (i.e., error claiming a significant difference between Idaho and another state when actually there was none).

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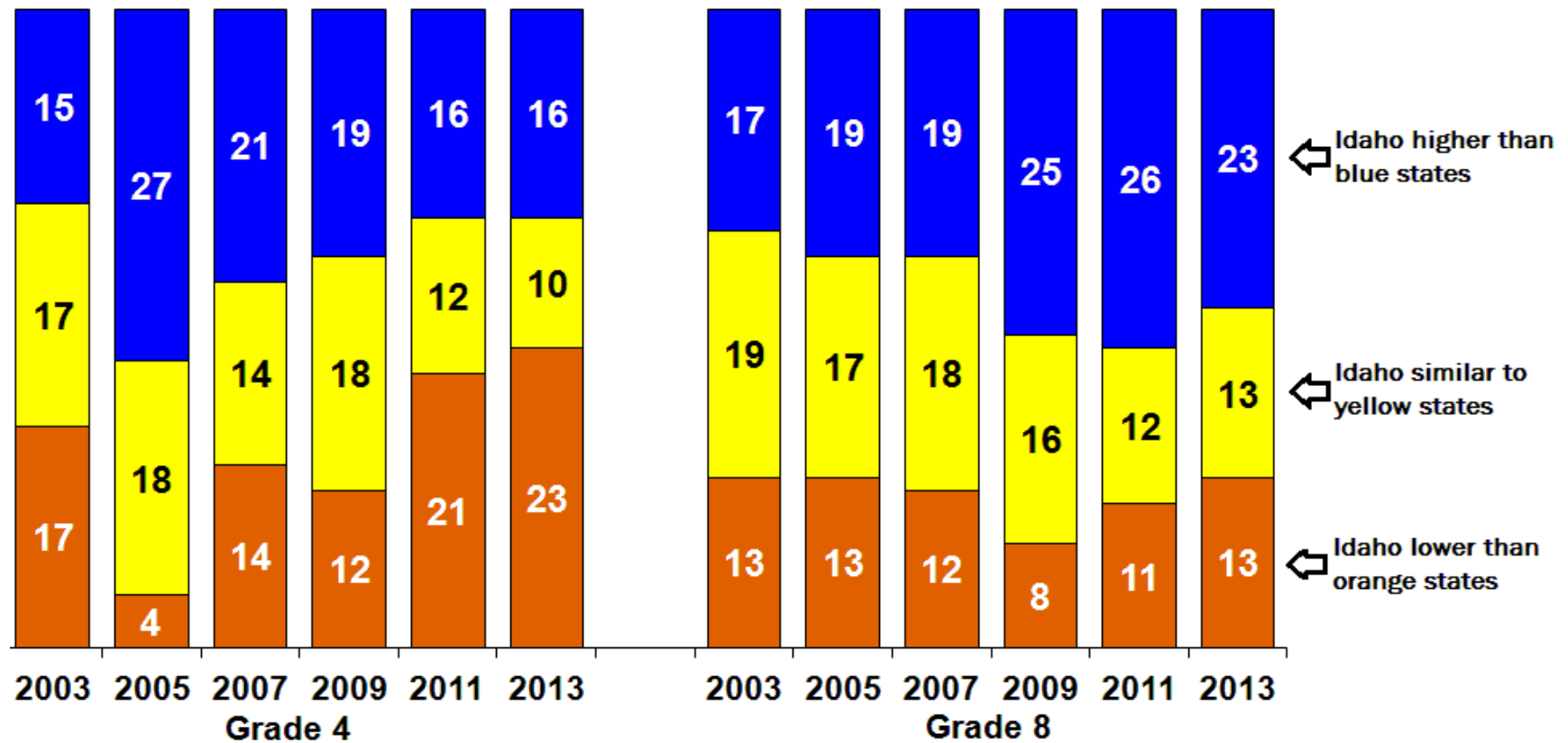
**Exhibit 1.** Summary results from comparing the average scores of all Idaho fourth and eighth grade students with the average scores of their peers in the other 49 states through the *No Child Left Behind* (NCLB) years: **NAEP Reading, 2003-2013.**



Highlight:

Idaho's best reading performance when statistically compared with the other 49 states was in 2005 for grade 4 and 2013 for grade 8.

**Exhibit 2.** Summary results from comparing the average scores of all Idaho fourth and eighth grade students with the average scores of their peers in the other 49 states through the *No Child Left Behind* (NCLB) years: **NAEP Mathematics, 2003-2013.**



Highlight:

Idaho’s best mathematics performance when statistically compared with the other 49 states was in 2005 for grade 4 and 2009 for grade 8.

**Idaho Reading and Mathematics Trends 2003-2013:  
NAEP vs. ISAT, All Students, Grades 4 and 8**

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**Author Note**

Bert Stoneberg was Idaho's NAEP State Coordinator from 2002 to 2012. Now retired he keeps busy with independent research and consulting in educational measurement and evaluation. He maintains a website to make his findings public. Visit <http://k12researchidaho.com>

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