

**NAEP Reading and Mathematics 2003-2013:
Idaho vs. the Other States¹**

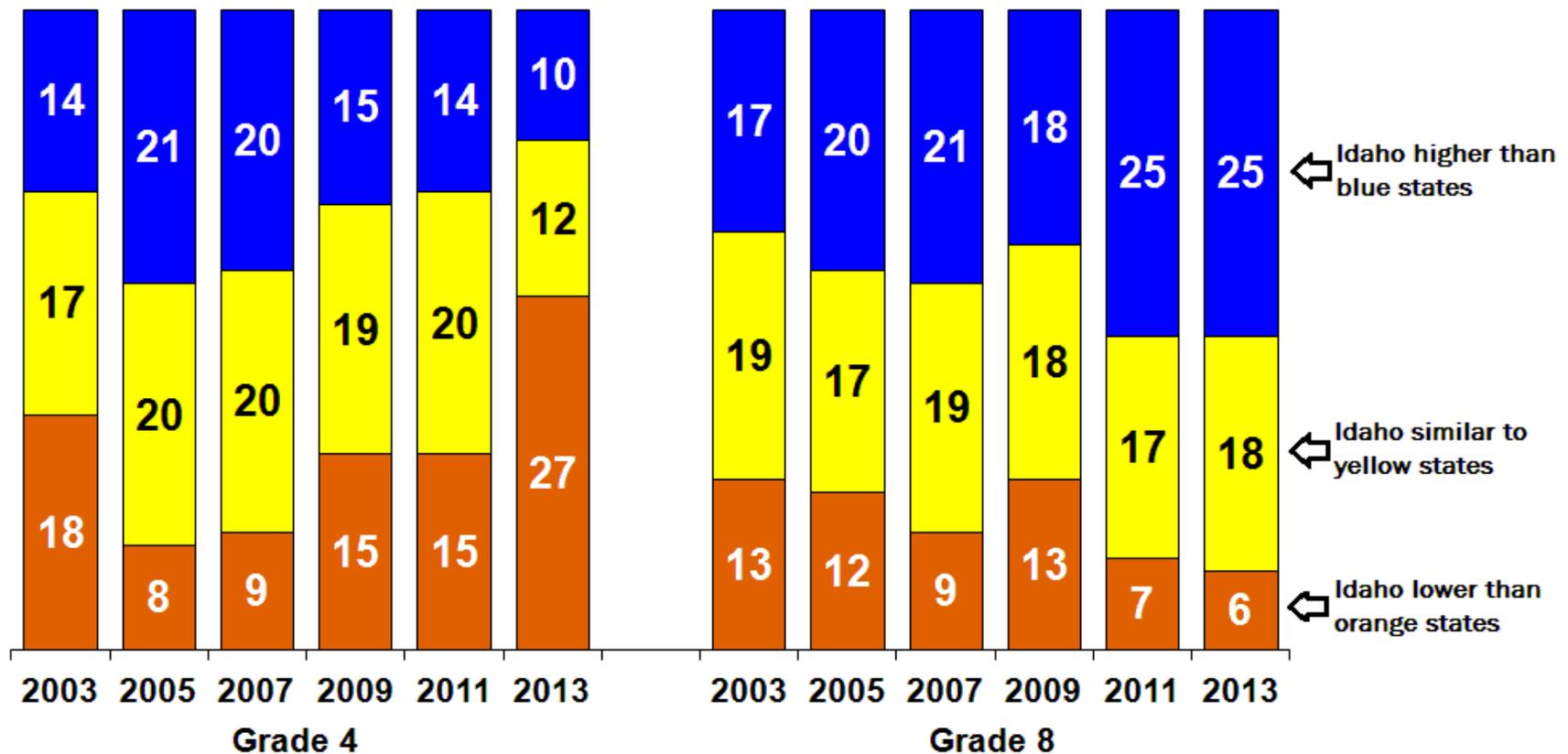
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NAEP results from the years 2003 to 2013 were selected for report because they best coincide with the *No Child Left Behind* (NCLB) years. The analyses summarized here were conducted in the NAEP Data Explorer (NDE) using data from the *all students* 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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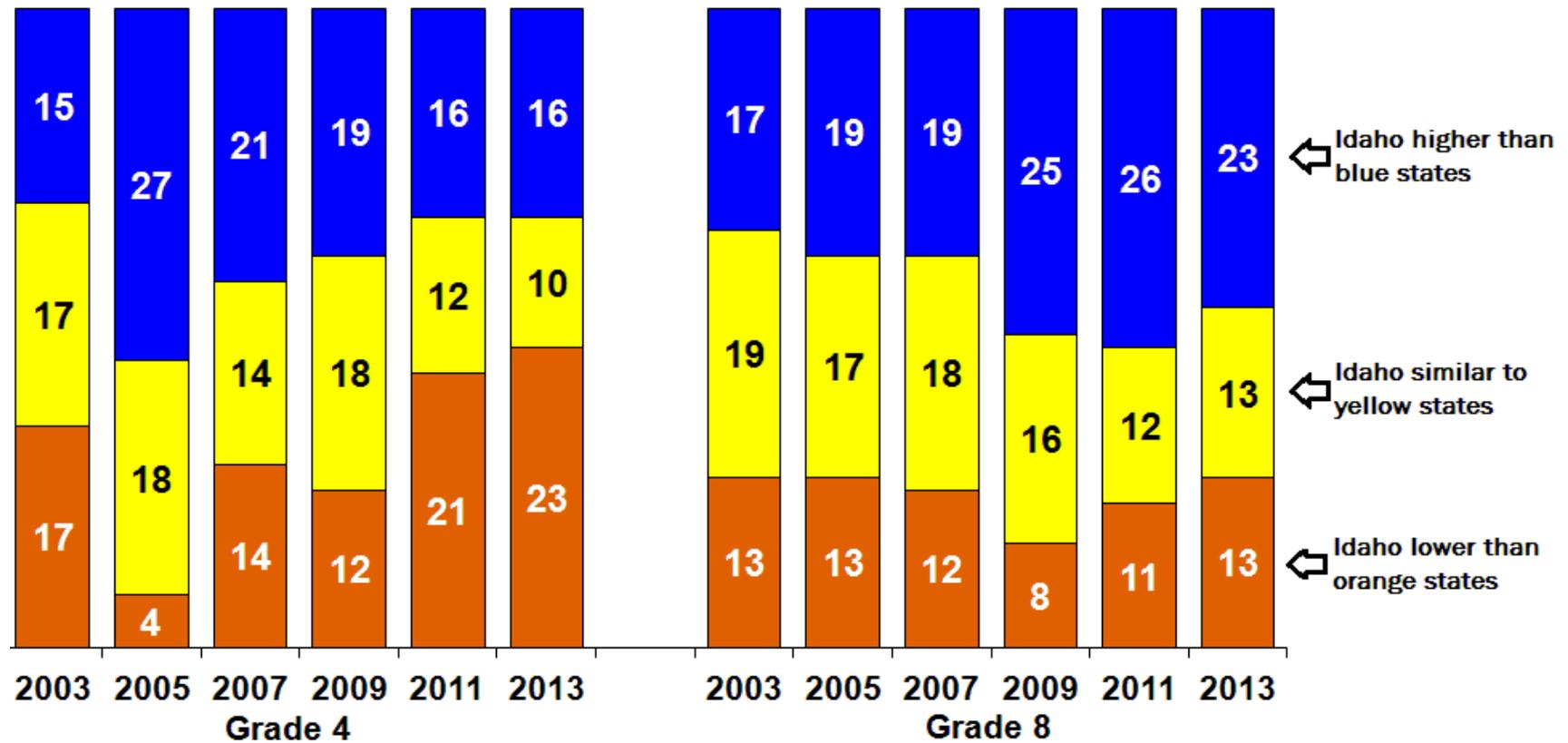
Exhibit 1. Summary results from comparing the average scores of all Idaho fourth and eighth grade students with the average scores of their peers in the other 49 states through the *No Child Left Behind* (NCLB) years: **NAEP Reading, 2003-2013.**



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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