

Cross-state Statistical Comparison of NAEP 2024 Estimated Average Scores for Reading and Mathematics in Grades 4 and 8 (results presented using American maps)

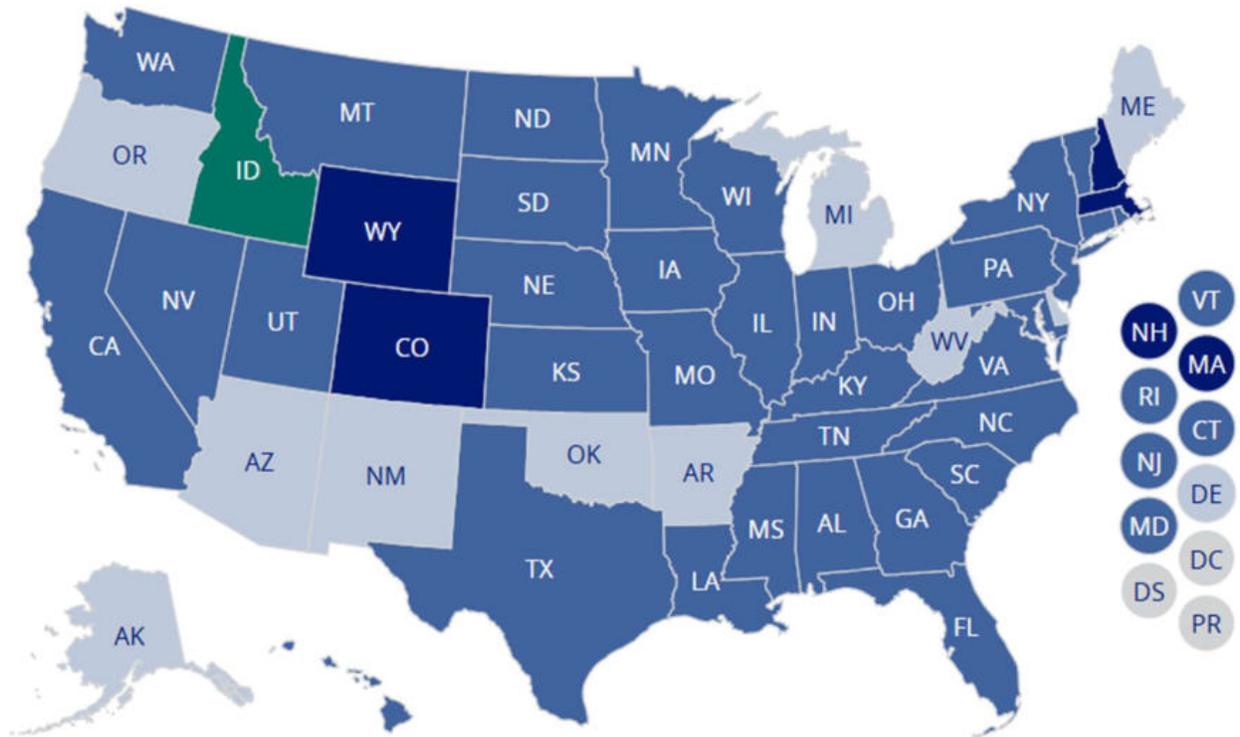
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NAEP average scores can provide a general comparison of student achievement on an ordered list of state estimated average scores as illustrated by Idaho's cross-state comparison results using the America maps that follow, but they cannot accurately rank order the states.

NAEP cannot be used to rank order the states because each state's average NAEP score is a statistical estimate on an equal interval scale that is surrounded by a confidence interval. When the confidence intervals of any two estimated average scores overlap, those scores are not statistically different even though the estimates may appear to be different.

The color-coded (shades of gray) maps displayed in this paper were prepared and posted on the NAEP Data Explorer for public use by the National Assessment Governing Board (NAGB) and the National Center for Education Statics (NCES).

NAEP 2024 Reading: Cross-state statistical comparison of 49 state average scores with Idaho 4th graders



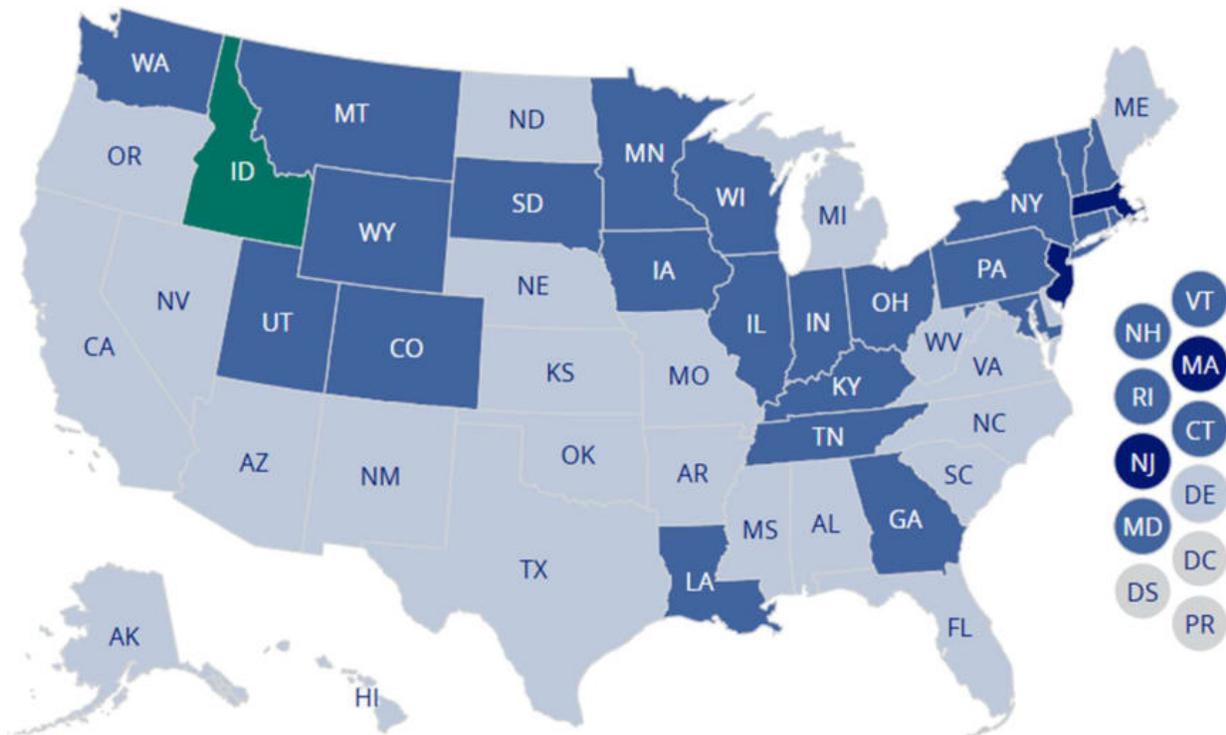
Idaho’s fourth grade students had an average score on the NAEP 2024 reading assessment that was statistically higher than their peers in 10 states (light gray).

Idaho’s fourth grade students had an average score on the NAEP 2024 reading assessment that was not statistically different than their peers in 35 states (gray).

Idaho’s fourth grade students had an average score on the NAEP 2024 reading assessment that was statistically lower than their peers in 4 states (dark gray).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2024 Reading Assessment

NAEP 2024 Reading: Cross-state statistical comparison of 49 state average scores with Idaho 8th graders



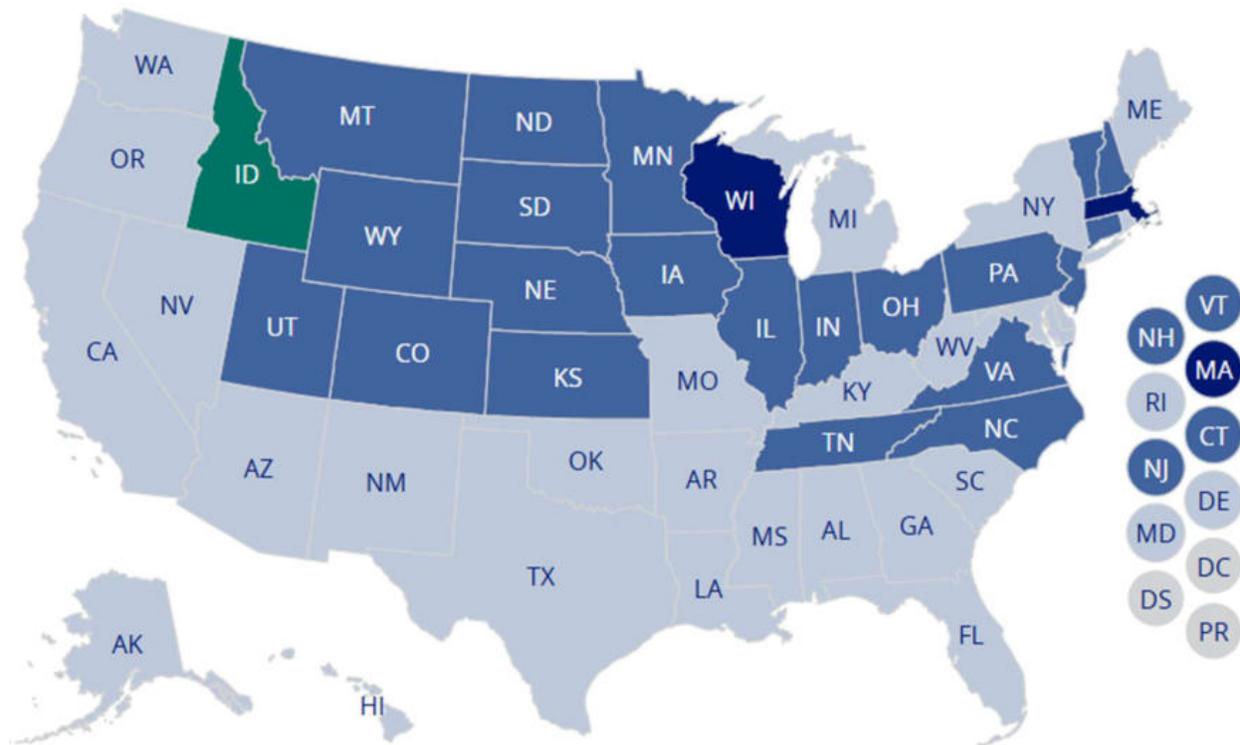
Idaho's eighth grade students had an average score on the NAEP 2024 reading assessment that was statistically higher than their peers in 24 states (light gray).

Idaho's eighth grade students had an average score on the NAEP 2024 reading assessment that was not statistically different than their peers in 23 states (gray).

Idaho's fourth grade students had an average score on the NAEP 2024 reading assessment that was statistically lower than their peers in 2 states (dark gray).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2024 Reading Assessment

NAEP 2024 Math: Cross-state statistical comparison of 49 state average scores with Idaho 8th graders



Idaho’s eighth grade students had an average score on the NAEP 2024 mathematics assessment that was statistically higher than their peers in 26 states (light gray).

Idaho’s eighth grade students had an average score on the NAEP 2024 mathematics assessment that was not statistically different than their peers in 21 states (gray).

Idaho’s eighth grade students had an average score on the NAEP 2024 mathematics assessment that was statistically lower than their peers in 2 states (dark gray).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2024 Mathematics Assessment