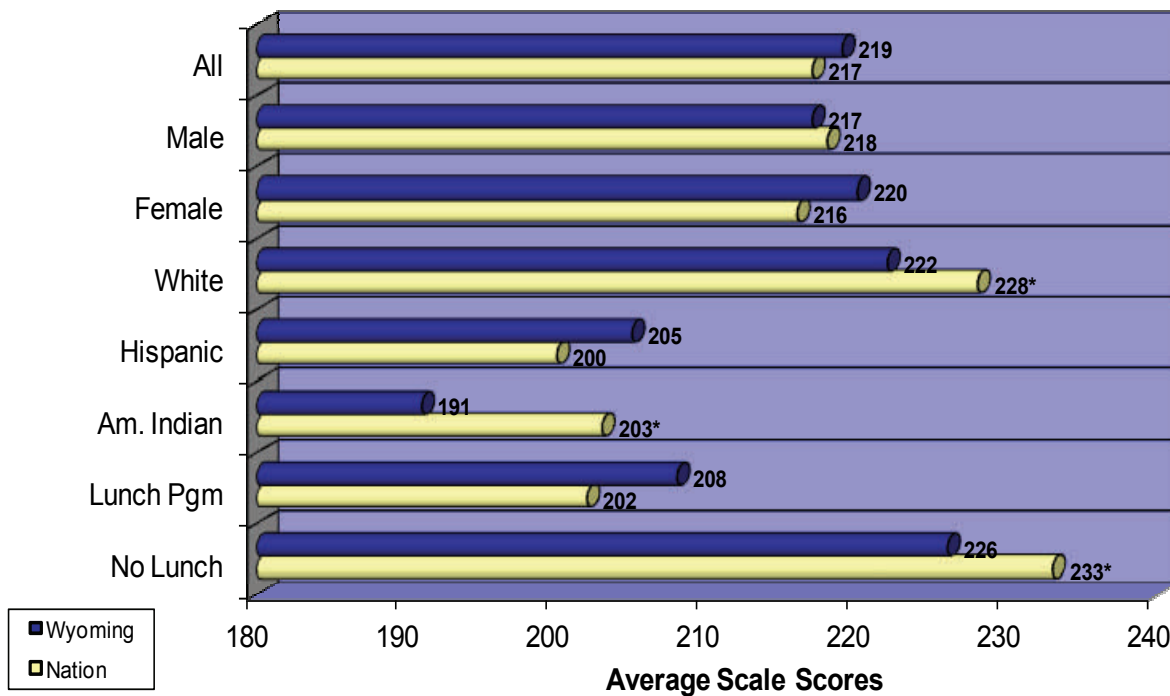


WY-US Student Gaps Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice questions to assess fourth graders' vocabulary skills. Specifically, students are *not* asked to provide written definitions of words in isolation. Instead, NAEP focuses upon distinctions and nuances of word meaning arising within the context of student reading tasks or passages. Each vocabulary question asks how a particular word contributes meaning to all or part of the passage in which it appears.

Student Group Comparisons

Wyoming and National Results



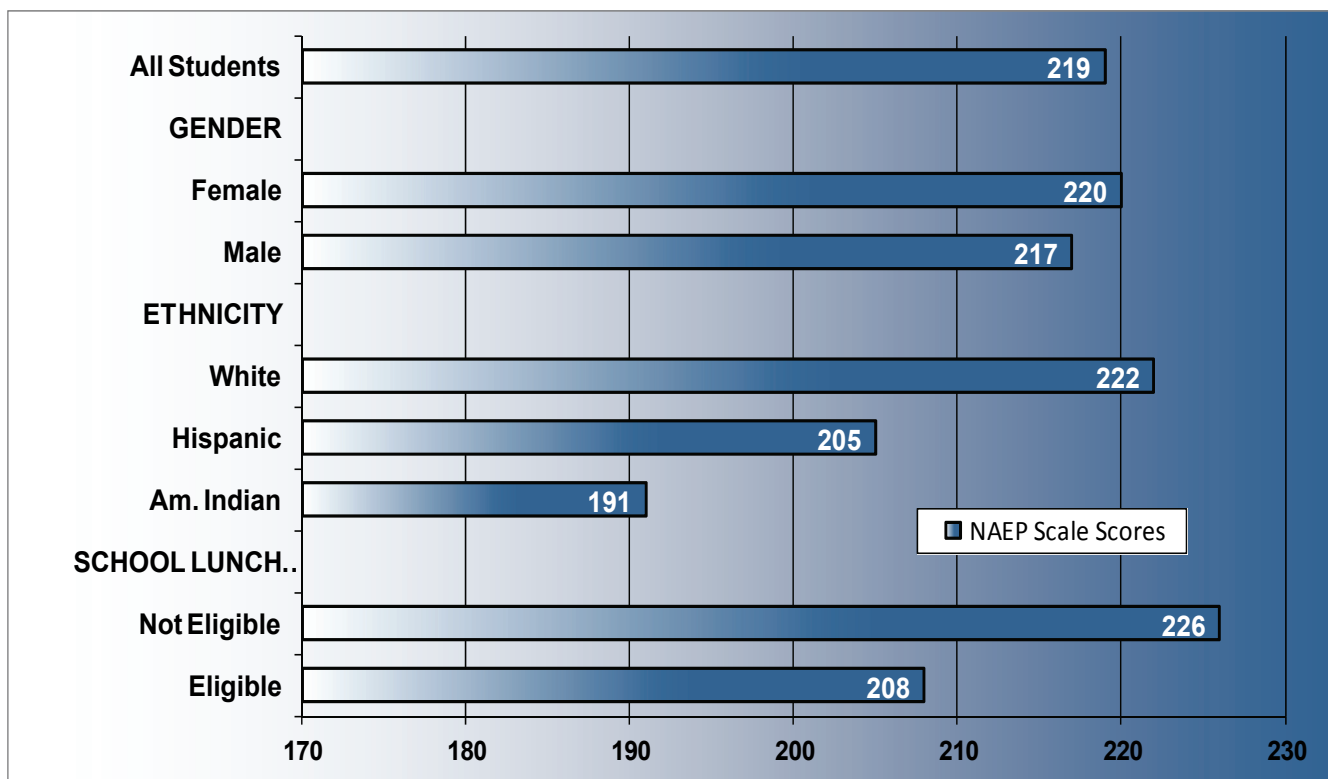
- ▶ In 2011, Wyoming's fourth graders' average scale score in vocabulary was statistically the same as grade four students nationally.
- ▶ Demographically, Wyoming fourth graders performed the same as their peers nationally in four student groups: male and female students, Hispanic students, students from low income families (i.e., students qualifying for free or reduced price meals from the National School Lunch Program).
- ▶ Wyoming average scale scores were lower than the rest of the nation in two of the State's largest students groups: White students (80% of Wyoming's 4th graders assessed in NAEP reading) and more affluent students (i.e., students *not* qualifying for free or reduced price meals from the National School Lunch Program—59% of Wyoming's 4th graders assessed).
- ▶ Native American students—a much smaller group, 4% of Wyoming's grade four students—also scored lower in NAEP vocabulary than their peers nationally.

Grade 4 Report

Student Groups Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice questions to assess fourth graders' vocabulary skills. Specifically, students are *not* asked to provide written definitions of words in isolation. Instead, NAEP focuses upon distinctions and nuances of word meaning arising within the context of student reading tasks or passages. Each vocabulary question asks how a particular word contributes meaning to all or part of the passage in which it appears.

Student Groups in Wyoming

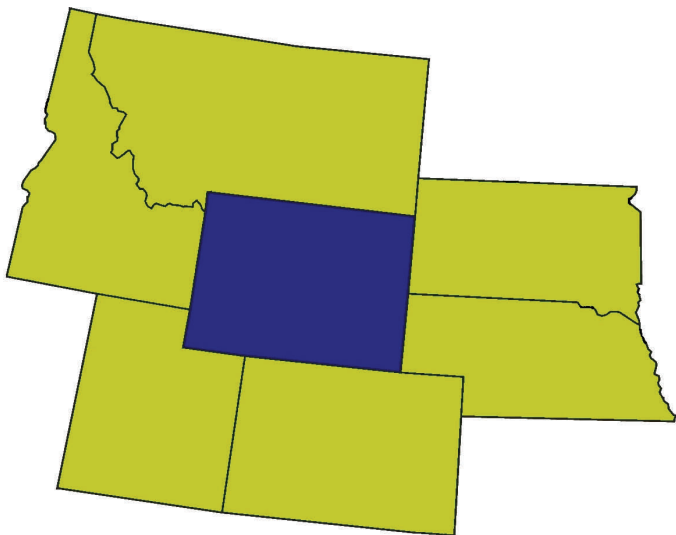


- ▶ On the NAEP 2011 vocabulary assessment, the average scale score of fourth grade female students in Wyoming (220) was statistically the same as male students (217).
- ▶ The average vocabulary scale score of fourth grade White students in Wyoming (222) was higher than their Hispanic (205) and Native American (191) peers. Sampling was not sufficient to permit reporting of meaning vocabulary performance for fourth grade Black and Asian students.
- ▶ Wyoming fourth graders not eligible for free or reduced price meals under the National School Lunch Program had a higher average meaning vocabulary scale score (226) than students qualifying for the lunch program (208).

Regional Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice questions to assess fourth graders' vocabulary skills. Specifically, students are *not* asked to provide written definitions of words in isolation. Instead, NAEP focuses upon distinctions and nuances of word meaning arising within the context of student reading tasks or passages. Each vocabulary question asks how a particular word contributes meaning to all or part of the passage in which it appears.

Results

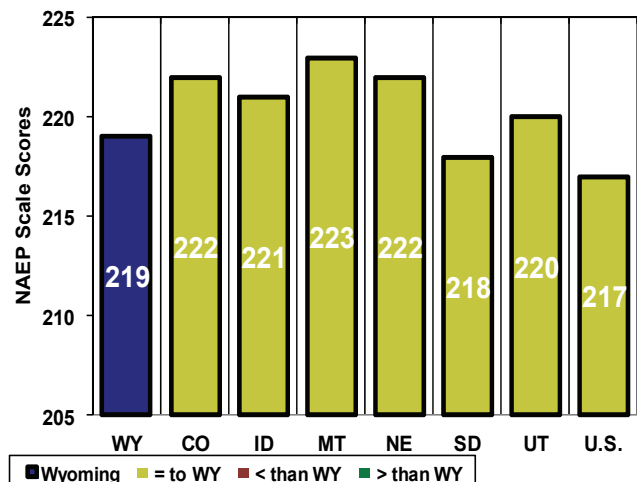


- ▶ In 2011, the average Wyoming scale score for 4th grade vocabulary was 219; this was statistically the same as the national average (217).
- ▶ Wyoming 4th graders had an average scale score in 2011 that was not statistically different from vocabulary reading scores in Colorado, Idaho, Montana, Nebraska, South Dakota and Utah.

Legend: Wyoming (blue) is the focal state. States in green scored reliably higher than Wyoming. States in yellow were not statistically different from Wyoming. States in red scored reliably lower than Wyoming.

Scale Scores

- ▶ Wyoming's 4th graders' average scale score on the 2011 vocabulary assessment was 219. This was statistically the same as the nation's 217 scale score.
- ▶ The average scale score of Wyoming's 4th graders on vocabulary in 2011 was not statistically different from students in Colorado, Idaho, Montana, Nebraska, South Dakota and Utah.



Wyoming Vocabulary 2011

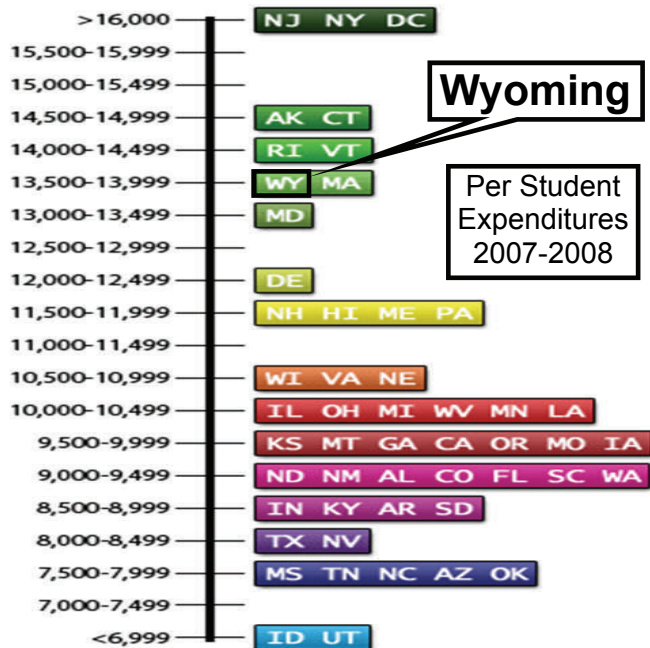


Grade 4 Report

Funding Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice questions to assess fourth graders' vocabulary skills. Specifically, students are *not* asked to provide written definitions of words in isolation. Instead, NAEP focuses upon distinctions and nuances of word meaning arising within the context of student reading tasks or passages. Each vocabulary question asks how a particular word contributes meaning to all or part of the passage in which it appears.

Per Capita Student Expenditures During 2007-2008



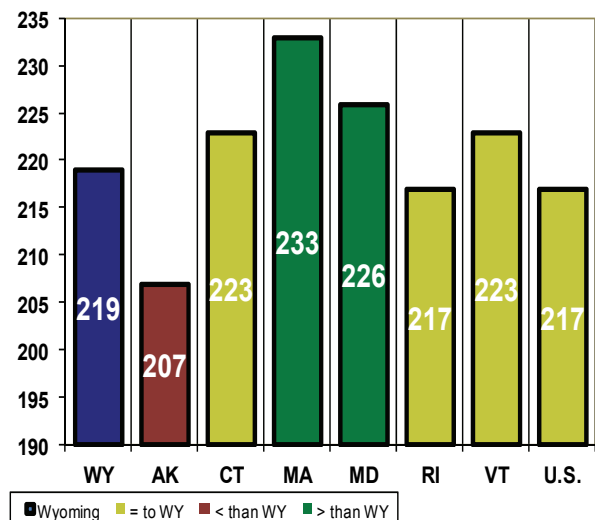
- Wyoming was among seven states reporting per student expenditures between \$13,000 and \$14,500 during school year 2007-2008 (most recent data available). The other states were Alaska, Connecticut, Massachusetts, Maryland, Rhode Island, and Vermont.

NOTE: The prekindergarten student membership was imputed for some states, affecting the total student count and per pupil expenditures calculation. Some values were affected by redistribution of reported expenditure values to correct for missing data items, and/or to distribute state direct support expenditures.

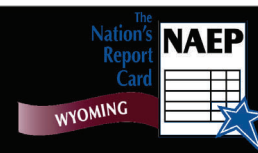
SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey (NPEFS)," fiscal year 2008, Version 1a.

Average Scale Scores

- Wyoming's 4th graders' average scale score on the 2011 vocabulary assessment was 219. This was statistically the same as the nation's 217 scale score.
- Wyoming's 4th graders' scale score was also higher than students in Alaska (207).
- The average scale score of Wyoming's 4th graders' on meaning vocabulary in 2011 was not statistically different from students in Connecticut (223), Rhode Island (217) and Vermont (223).
- Wyoming 4th graders had a lower average scale score than Massachusetts (233), Maryland (226); neither MA or MD, however, included eighty-five percent of their fourth grade special education students in the 2011 NAEP reading assessment (as prescribed by the National Assessment Governing Board).



Wyoming Vocabulary 2011



Grade 4 Report

National Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice questions to assess fourth graders' vocabulary skills. Specifically, students are *not* asked to provide written definitions of words in isolation. Instead, NAEP focuses upon distinctions and nuances of word meaning arising within the context of student reading tasks or passages. Each vocabulary question asks how a particular word contributes meaning to all or part of the passage in which it appears.

Wyoming and the Nation — Grade 4 Vocabulary Scale Scores



- ▶ On the 2011 vocabulary assessment, Wyoming 4th graders had an average scale score that was reliably higher than students in Alaska, Arizona, California, District of Columbia, Hawaii, Louisiana, Mississippi, Nevada, New Mexico, and South Carolina.
- ▶ Wyoming 4th graders had an average scale score that was not statistically different from students in Alabama, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Iowa, Idaho, Illinois, Indiana, Kansas, Kentucky, Maine, Michigan, Minnesota, Missouri, Montana, Oklahoma, Oregon, Nebraska, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, Utah, Washington, West Virginia, Wisconsin, and the United States public schools national average.
- ▶ Wyoming 4th graders had an average scale score which was reliably lower than students in DoD schools, Maryland*, Massachusetts*, New Hampshire, North Dakota, Virginia and Vermont.

*Jurisdiction, unlike Wyoming, did not include eighty-five percent of their fourth grade special education students in the 2011 NAEP reading assessment as prescribed by the National Assessment Governing Board.

Results are based on statistical tests which account for standard errors related to NAEP's sampling procedures.

For additional results and more information about Wyoming NAEP, please visit:

http://edu.wyoming.gov/Programs/statewide_assessment_system/naep.aspx.