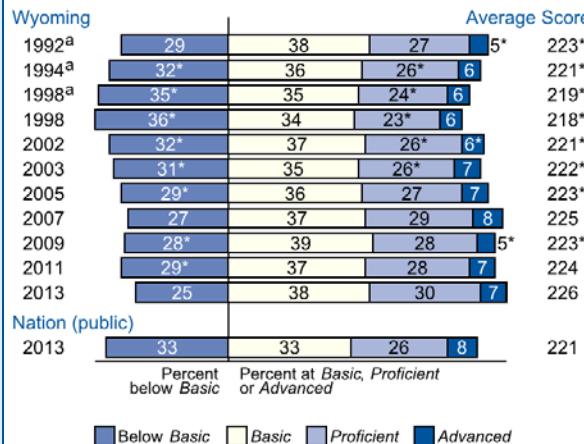


Overall Results

- In 2013, the average score of fourth-grade students in Wyoming was 226. This was higher than the average score of 221 for public school students in the nation.
- The average score for students in Wyoming in 2013 (226) was not significantly different from their average score in 2011 (224) and was higher than their average score in 1992 (223).
- The score gap between higher performing students in Wyoming (those at the 75th percentile) and lower performing students (those at the 25th percentile) was 40 points in 2013. This performance gap was not significantly different from that in 1992 (40 points).
- The percentage of students in Wyoming who performed at or above the NAEP Proficient level was 37 percent in 2013. This percentage was not significantly different from that in 2011 (34 percent) and was greater than that in 1992 (33 percent).
- The percentage of students in Wyoming who performed at or above the NAEP Basic level was 75 percent in 2013. This percentage was greater than that in 2011 (71 percent) and was not significantly different from that in 1992 (71 percent).

Achievement-Level Percentages and Average Score Results

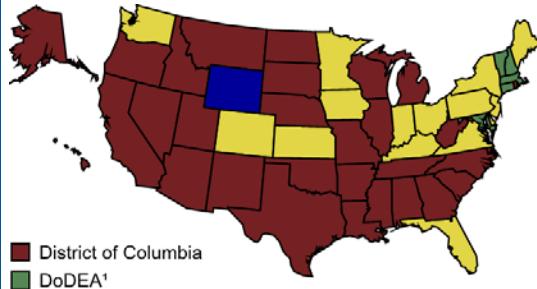


* Significantly different ($p < .05$) from state's results in 2013. Significance tests were performed using unrounded numbers.

^a Accommodations not permitted. For information about NAEP accommodations, see <http://nces.ed.gov/nationsreportcard/about/inclusion.aspx>.

NOTE: Detail may not sum to totals because of rounding.

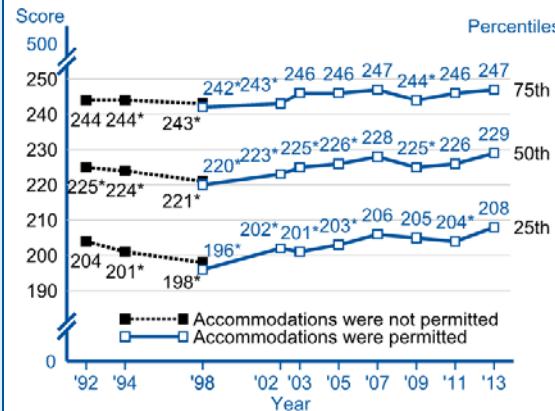
Compare the Average Score in 2013 to Other States/Jurisdictions



¹ Department of Defense Education Activity (overseas and domestic schools).

- In 2013, the average score in Wyoming (226) was
- lower than those in 6 states/jurisdictions
 - higher than those in 30 states/jurisdictions
 - not significantly different from those in 15 states/jurisdictions

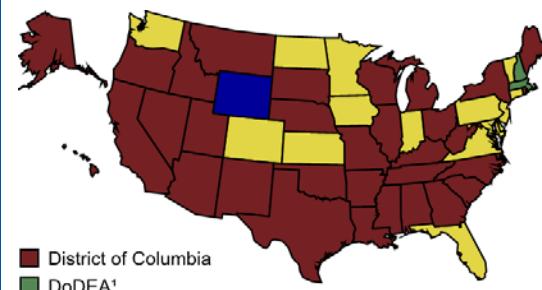
Scores at Selected Percentiles



* Significantly different ($p < .05$) from 2013. Significance tests were performed using unrounded numbers.

NOTE: For information about NAEP accommodations, see <http://nces.ed.gov/nationsreportcard/about/inclusion.aspx>.

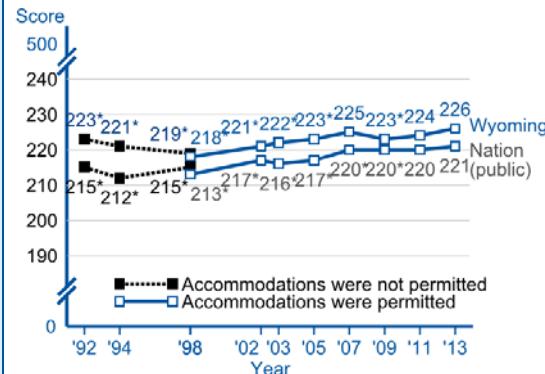
Compare at or above Basic in 2013 to Other States/Jurisdictions



¹ Department of Defense Education Activity (overseas and domestic schools).

- In 2013, the percentage at or above Basic in Wyoming (75) was
- smaller than those in 3 states/jurisdictions
 - greater than those in 33 states/jurisdictions
 - not significantly different from those in 15 states/jurisdictions

Average Scores for State/Jurisdiction and Nation (public)



* Significantly different ($p < .05$) from 2013. Significance tests were performed using unrounded numbers.

NOTE: For information about NAEP accommodations, see <http://nces.ed.gov/nationsreportcard/about/inclusion.aspx>.

Wyoming Reading 2013

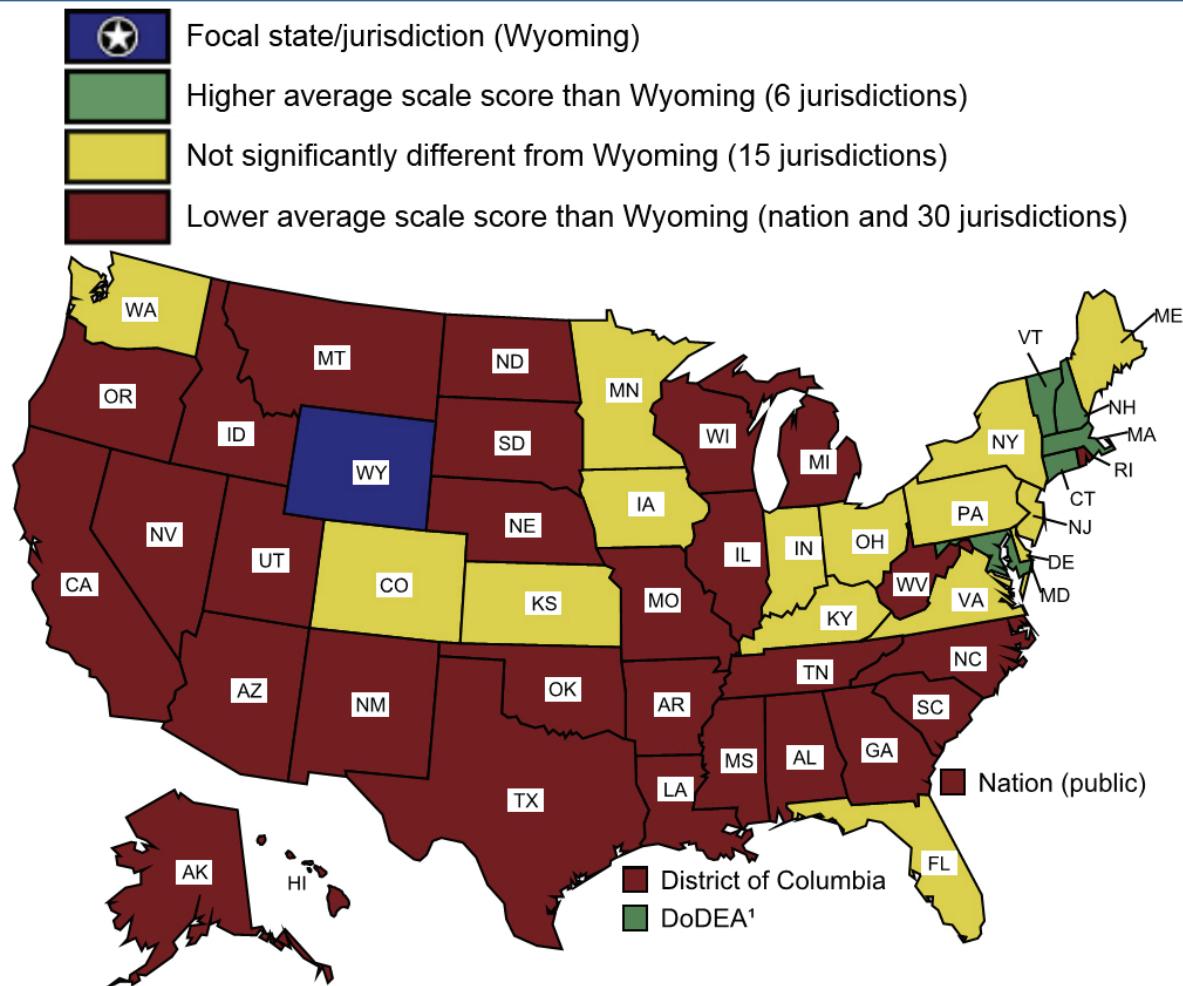


Grade 4 Report

National Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess fourth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 208 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 238 reflects *Proficient* results or competency on challenging material, and 268 is considered to be *Advanced*.

Wyoming and the Nation — Grade 4 Reading Scale Scores



- On the 2013 reading assessment, Wyoming 4th graders had an average scale score that was reliably higher than students in Alabama, Alaska, Arizona, Arkansas, California, District of Columbia, Georgia, Hawaii, Idaho, Illinois, Louisiana, Michigan, Missouri, Mississippi, Montana, Nebraska, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, Oregon, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, West Virginia, and Wisconsin.
- Wyoming 4th graders had an average scale score that was not statistically different from students in Colorado, Delaware, Florida, Iowa, Indiana, Kansas, Kentucky, Maine, Minnesota, New Jersey, New York, Ohio Pennsylvania, Virginia and Washington,
- Wyoming 4th graders had an average scale score which was reliably lower than students in Connecticut, Department of Defense schools, Maryland, Massachusetts, New Hampshire, and Vermont.

Results are based on statistical tests which take into account the variability of NAEP sampling.

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

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

Wyoming Reading 2013

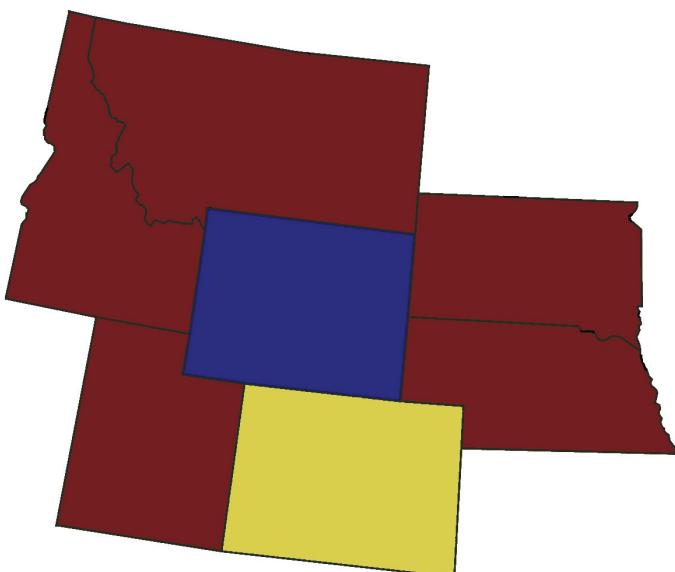


Grade 4 Report

Regional Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess fourth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 208 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 238 reflects *Proficient* results or competency on challenging material, and 268 is considered to be *Advanced*.

Scale Scores

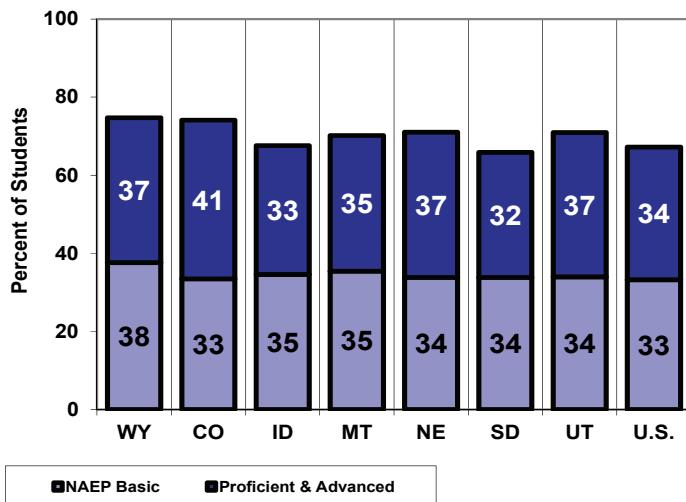


Legend: Wyoming (blue) is the focal state. States in yellow were not statistically different from Wyoming. States in red scored reliably lower than Wyoming.

- In 2013, the average Wyoming scale score for 4th grade reading was 226; this was reliably higher than the national average (221).
- Wyoming 4th graders had an average scale score that was statistically higher than average reading scores in Idaho, Montana, and Nebraska, South Dakota and Utah.
- Wyoming 4th graders had an average scale score in 2013 that was not statistically different from average reading scores in Colorado.

Achievement Levels

- Seventy five (75) percent of Wyoming's 4th graders scored at or above *Basic* on the 2013 reading assessment. This was higher than the nation's 67 percent.
- Wyoming had a higher percentage of 4th graders scoring at or above *Basic* on the 2013 reading assessment than Idaho, Montana, Nebraska, South Dakota, and Utah.
- The percentage of Wyoming's 4th graders scoring at or above *Basic* on reading in 2013 was not statistically different from Colorado.

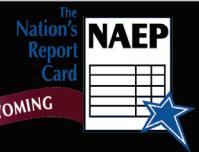


Results are based on statistical tests which take into account the variability of NAEP sampling.

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Wyoming Reading 2013

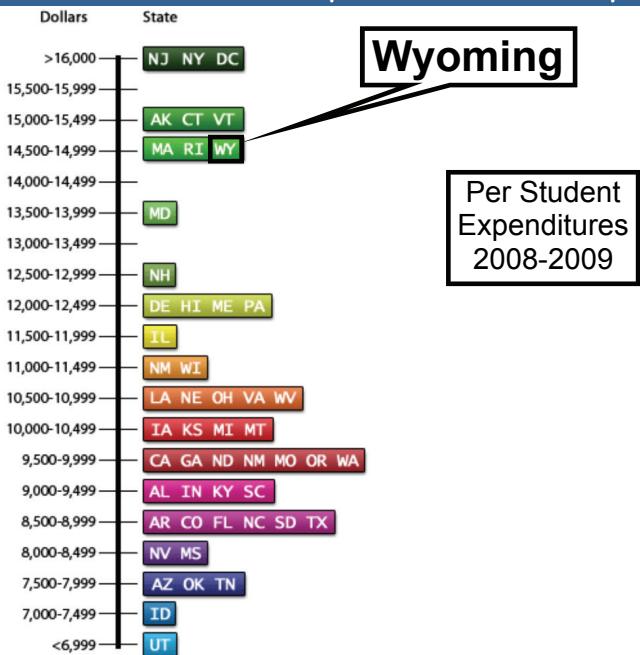


Grade 4 Report

Funding Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess fourth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 208 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 238 reflects *Proficient* results or competency on challenging material, and 268 is considered to be *Advanced*.

Per Capita Student Expenditures During 2008-2009



Per Student
Expenditures
2008-2009

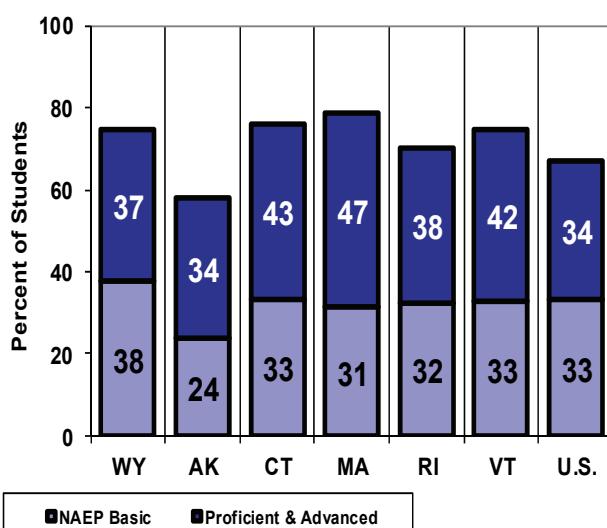
- Wyoming was among six states reporting per student expenditures between \$14,500 and \$15,500 during school year 2008-2009 (most recent data available). The other states were Alaska, Connecticut, Massachusetts, Rhode Island, and Vermont.

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, "National Public Education Financial Survey (NPEFS)," fiscal year 2009, Version 1a.

Achievement Levels

- Seventy-five (75) percent of Wyoming 4th graders scored at or above *Basic* on the 2013 reading assessment. This was higher than the nation's 67 percent.
- Wyoming also had a higher percentage of 4th graders scoring at or above *Basic* than Alaska and Rhode Island—states with similar per-student expenditures.
- The percentage of Wyoming 4th graders scoring at or above *Basic* was not reliably different from peer expenditure states Connecticut, Massachusetts or Vermont.

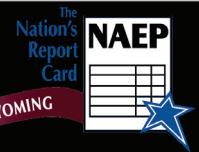


Results are based on statistical tests which take into account the variability of NAEP sampling.

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

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Wyoming Reading 2013



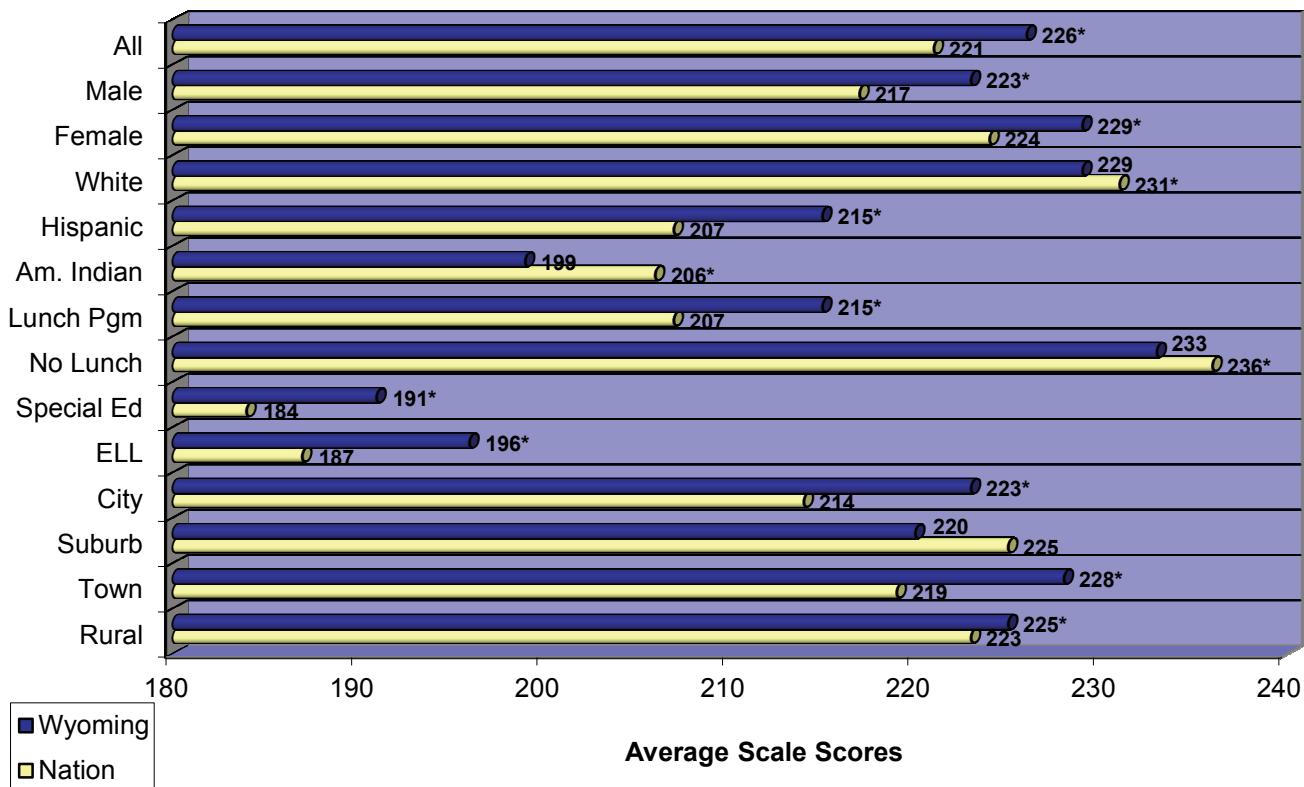
Grade 4 Report

WY-US Student Gaps Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess fourth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 208 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 238 reflects *Proficient* results or competency on challenging material, and 268 is considered to be *Advanced*.

Student Group Comparisons

Wyoming and National Results



- In 2013, Wyoming's fourth graders' average scale score in reading was higher than students nationally; Wyoming also had higher results in eight 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), Special Education students, and students attending city, town, or rural schools.
- Wyoming's fourth graders in suburban schools (as defined by the US Census Bureau) and English Language Learners (ELLs) had average scale scores in reading that were not reliably different from national results, i.e., students across the rest of the country in suburban schools or ELL students.
- Wyoming average scale scores were lower than the rest of the nation in the state's two largest student groups:
 - White students (80% of Wyoming's 4th graders), and
 - Non-eligible students (i.e., those *not* qualifying for free or reduced price meals from the National School Lunch Program—60% of Wyoming's 4th graders).

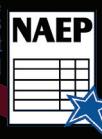
Wyoming Native American students also scored lower in fourth grade reading than their peers nationally.

Results are based on statistical tests which take into account the variability of NAEP sampling.

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

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

Wyoming Reading 2013



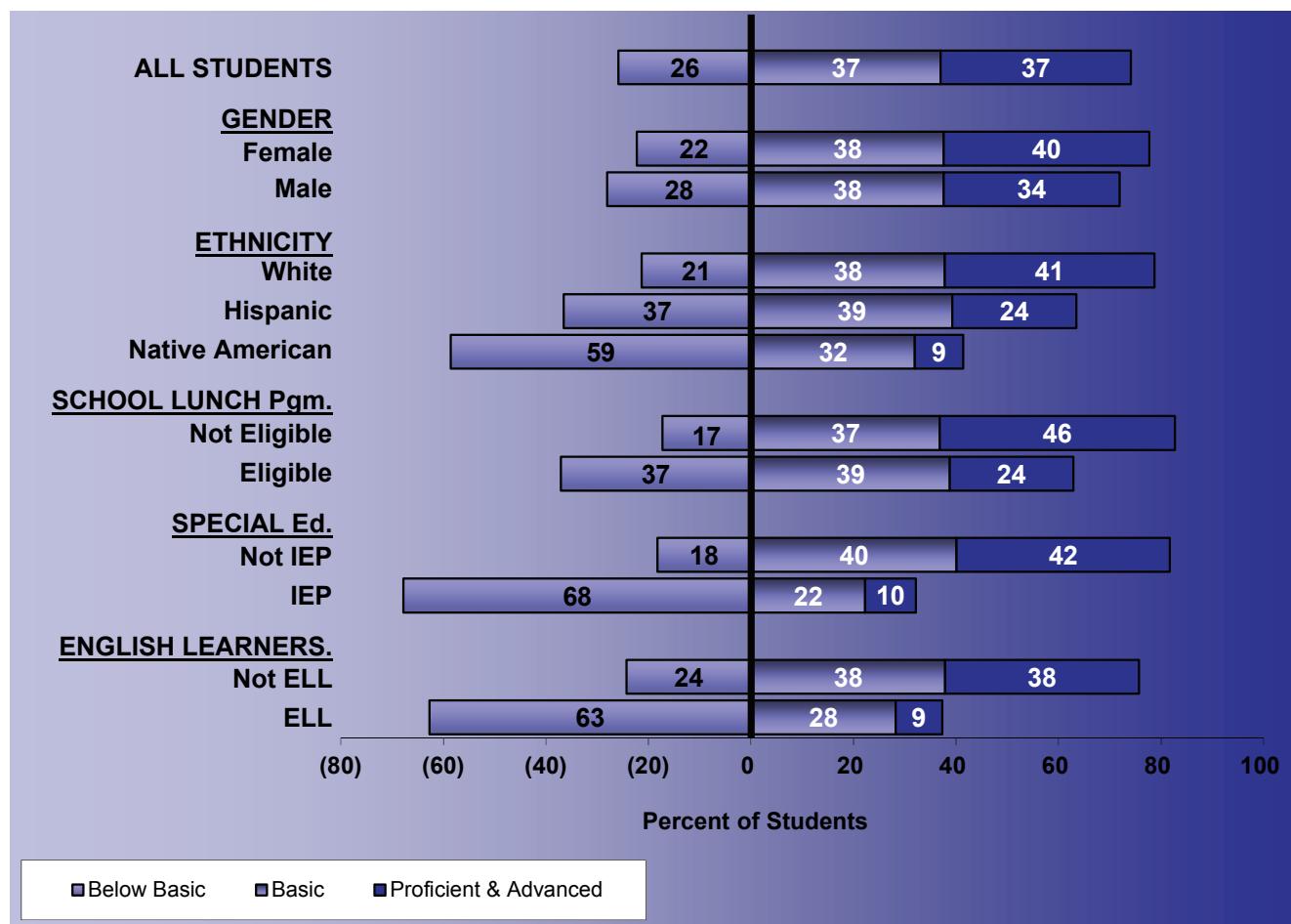
WYOMING

Grade 4 Report

Student Groups Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess fourth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 208 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 238 reflects *Proficient* results or competency on challenging material, and 268 is considered to be *Advanced*.

Student Groups in Wyoming



- On the NAEP 2013 reading assessment the proportion of fourth grade male students in Wyoming scoring at or above *Basic* (72 percent) was lower than female students(78 percent)
- The proportion of fourth grade Hispanic (63 percent) and Native American (41 percent) students in Wyoming scoring at or above *Basic* was lower than their White peers (79 percent). Sampling was not sufficient to permit reporting of reading performance for fourth grade Black and Asian students.
- Wyoming fourth graders qualifying for free or reduced price meals in the School Lunch Program and scoring at or above *Basic* (63 percent) was lower than students not eligible for the program (83 percent).
- Special education students scoring at or above *Basic* (32 percent) was lower than general education students (82 percent).
- ELL students scoring at or above *Basic* (37 percent) was lower than non-English learners (76 percent).

Results are based on statistical tests which take into account the variability of NAEP sampling.

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

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