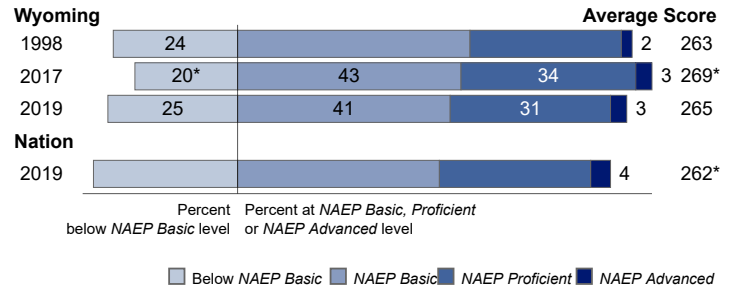


Overall Results

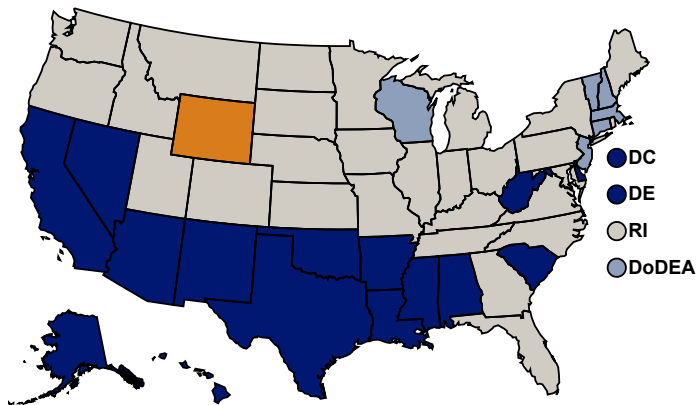
- In 2019, the average score of eighth-grade students in Wyoming was 265. This was higher than the average score of 262 for students in the nation.
- The average score for students in Wyoming in 2019 (265) was lower than their average score in 2017 (269) and was not significantly different from their average score in 1998 (263).
- The percentage of students in Wyoming who performed at or above the NAEP Proficient level was 34 percent in 2019. This percentage was lower than that in 2017 (38 percent) and was not significantly different from that in 1998 (31 percent).
- The percentage of students in Wyoming who performed at or above the NAEP Basic level was 75 percent in 2019. This percentage was lower than that in 2017 (80 percent) and was not significantly different from that in 1998 (76 percent).

NAEP Achievement-Level Percentages and Average Score Results



* Significantly different ($p < .05$) from state's results in 2019. Significance tests were performed using unrounded numbers.
NOTE: NAEP achievement levels are to be used on a trial basis and should be interpreted and used with caution. Detail may not sum to totals because of rounding.

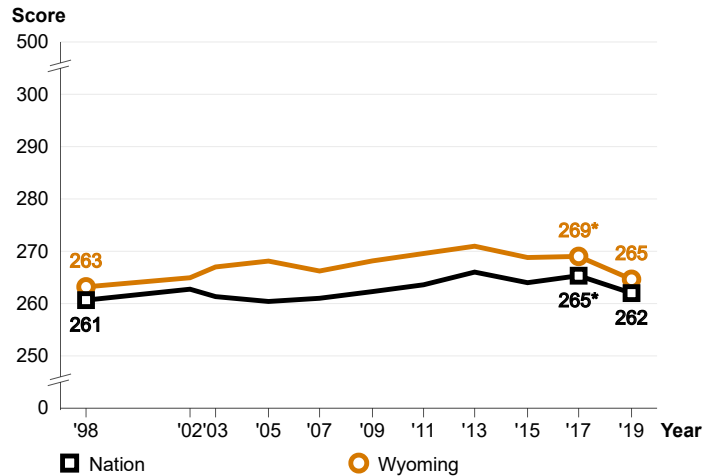
Compare the Average Score in 2019 to Other States/Jurisdictions



In 2019, the average score in Wyoming (265) was
 lower than those in 7 states/jurisdictions
 higher than those in 16 states/jurisdictions
 not significantly different from those in 28 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools)

Average Scores for State/Jurisdiction and Nation



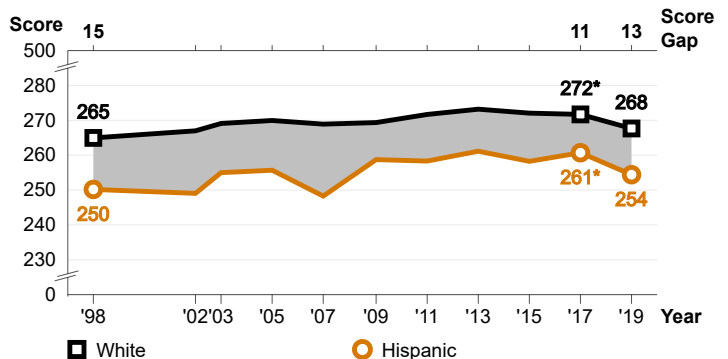
* Significantly different ($p < .05$) from 2019. Significance tests were performed using unrounded numbers.

Results for Student Groups in 2019

Reporting Groups	Percentage of students	Avg. score	Percentage at or above NAEP		Percentage at NAEP Advanced
			Basic	Proficient	
Race/Ethnicity					
White	78	268	78	38	3
Black	1	‡	‡	‡	‡
Hispanic	14	254	67	22	1
Asian	1	‡	‡	‡	‡
American Indian/Alaska Native	4	243	51	11	#
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	2	‡	‡	‡	‡
Gender					
Male	50	260	72	28	2
Female	50	270	79	40	4
National School Lunch Program					
Eligible	34	253	64	21	1
Not eligible	65	271	81	41	4

Rounds to zero.
‡ Reporting standards not met.
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

White - Hispanic Score Gap



Wyoming Reading 2019

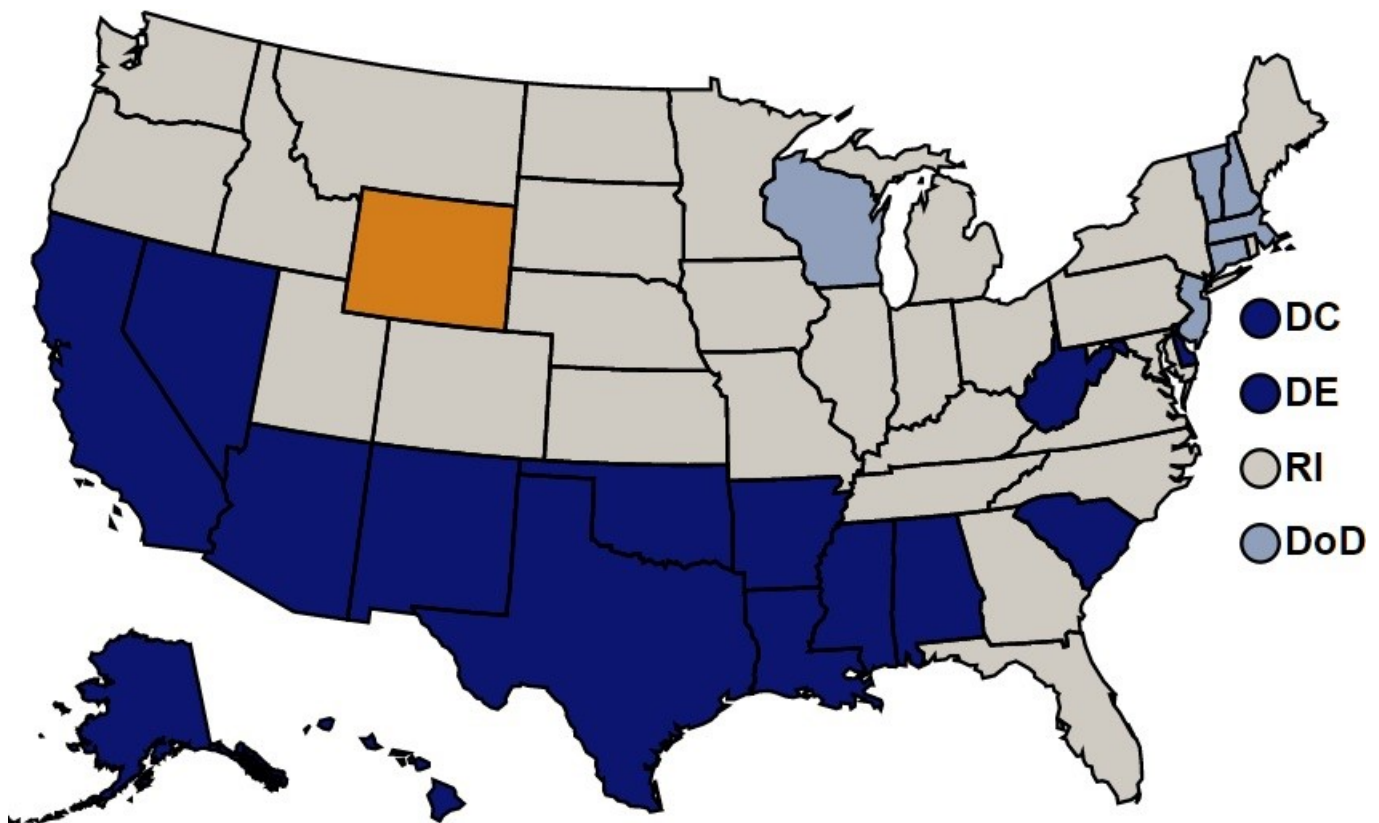


Grade 8 Report

National Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess eighth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 243 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 281 reflects *Proficient* results or competency on challenging material, and 323 is considered to be *Advanced*.

Wyoming and the Nation Grade 8 Reading Scale Scores



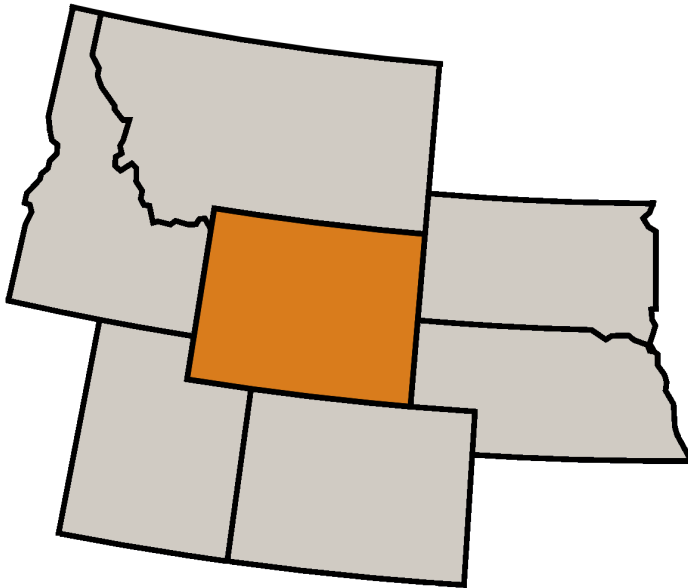
- ▶ On the 2019 reading assessment, Wyoming 8th graders had an average scale score that was reliably higher than students in Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Michigan, Minnesota, Missouri, Mississippi, Montana, Nebraska, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Utah, Virginia, and Washington.
- ▶ Wyoming 8th graders had an average scale score that was not statistically different from students in Alabama, Alaska, Arkansas, Arizona, California, Colorado, District of Columbia, Delaware, Hawaii, Louisiana, New Mexico, Nevada, Oklahoma, South Carolina, Texas and West Virginia.
- ▶ Wyoming 4th graders had an average scale score which was reliably lower than students in Connecticut, Department of Defense Schools, Massachusetts, New Hampshire, New Jersey, Vermont and Wisconsin .

Grade 8 Report

Regional Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess eighth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 243 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 281 reflects *Proficient* results or competency on challenging material, and 323 is considered to be *Advanced*.

Average Scale Scores

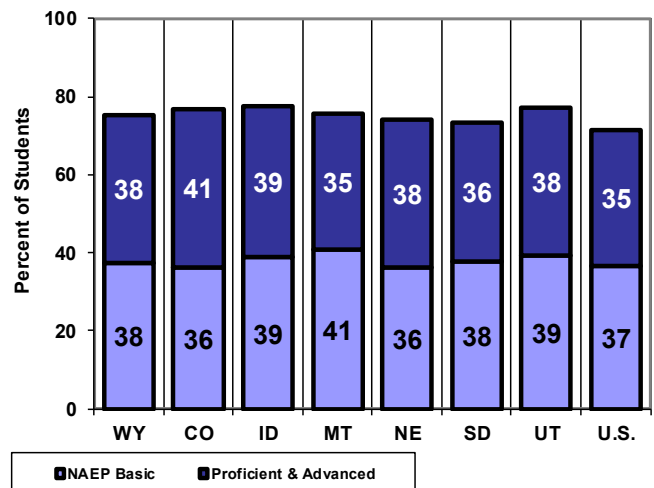


- ▶ In 2019, the average reading scale score for 8th grade students in Wyoming was 265; this was reliably higher than the national average (262).
- ▶ Wyoming eighth graders had an average reading scale score in 2019 that was not statistically different from Colorado, Idaho, Montana, Nebraska, South Dakota or Utah.

Legend: Wyoming is the focal state. States in beige were not statistically different from Wyoming.

Achievement Levels

- ▶ Seventy-six (76) percent of Wyoming's 8th graders scored at or above *Basic* on the 2019 reading assessment. This was higher than the nation's 72%.
- ▶ The percentage of Wyoming's 8th graders scoring at or above *Basic* on reading in 2019 was not reliably different from Colorado, Idaho, Montana, Nebraska, South Dakota or Utah.



Wyoming Reading 2019



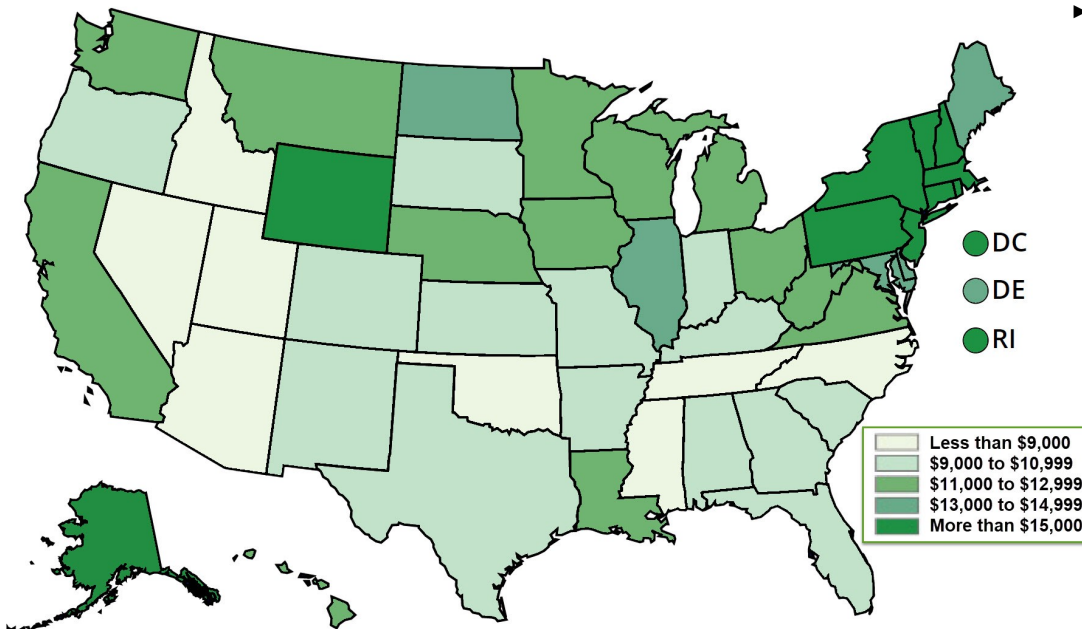
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Grade 8 Report

Funding Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess eighth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 243 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 281 reflects *Proficient* results or competency on challenging material, and 323 is considered to be *Advanced*.

Per Capita Student Expenditures During 2015 2016



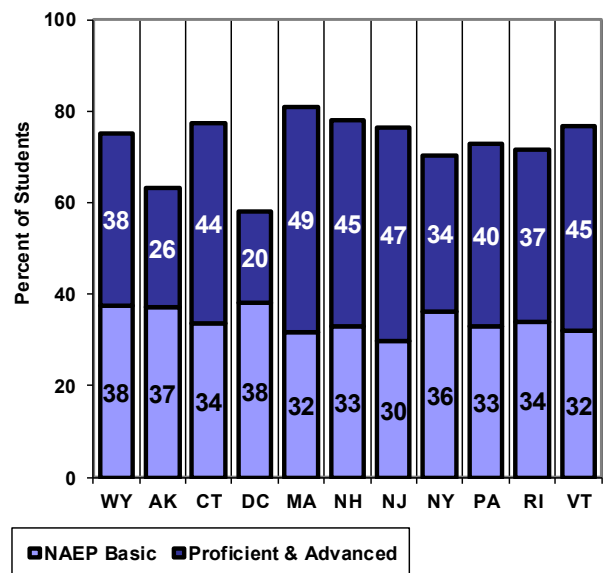
► Wyoming was one of eleven jurisdictions spending over \$15,000 per student during the 2015-2016 school year. Jurisdictions also at this spending level: Alaska, Connecticut, DC, Massachusetts, New Jersey, New York, New Hampshire, Pennsylvania, Rhode Island, and Vermont.

NOTE: Current expenditures include instruction, instruction-related, support services, and other elementary/secondary expenditures, but exclude expenditures on capital outlay, other programs, and interest on long term debt. Interschool transactions are excluded to prevent double-counting.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey (NPEFS)," fiscal year 2016, First Look.

Achievement Levels

- Seventy-five (75) percent of Wyoming 8th graders scored at or above *Basic* on the 2019 reading assessment. This was higher than the nation's 72 percent.
- Wyoming had a higher percentage of 8th graders scoring at or above *Basic* on the 2019 reading assessment than Alaska, District of Columbia, New York and Rhode Island i.e., states with similar per student expenditures.
- The percentage of Wyoming eighth grade students performing at or above *Basic* on the 2019 assessment was not reliably different from Connecticut, New Hampshire, New Jersey, Pennsylvania and Vermont.
- The percentage of Wyoming eighth grade students performing at or above *Basic* on the 2019 assessment was lower than Massachusetts.



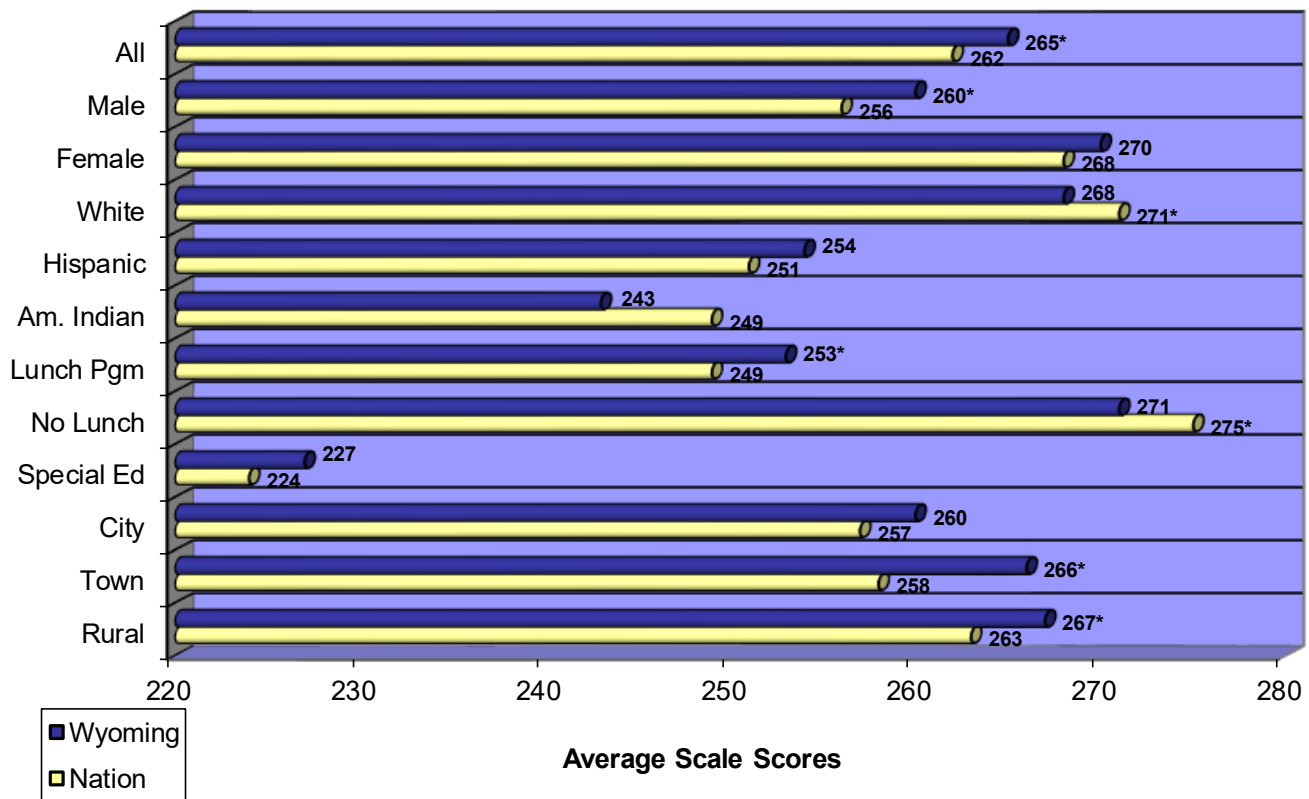
Grade 8 Report

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



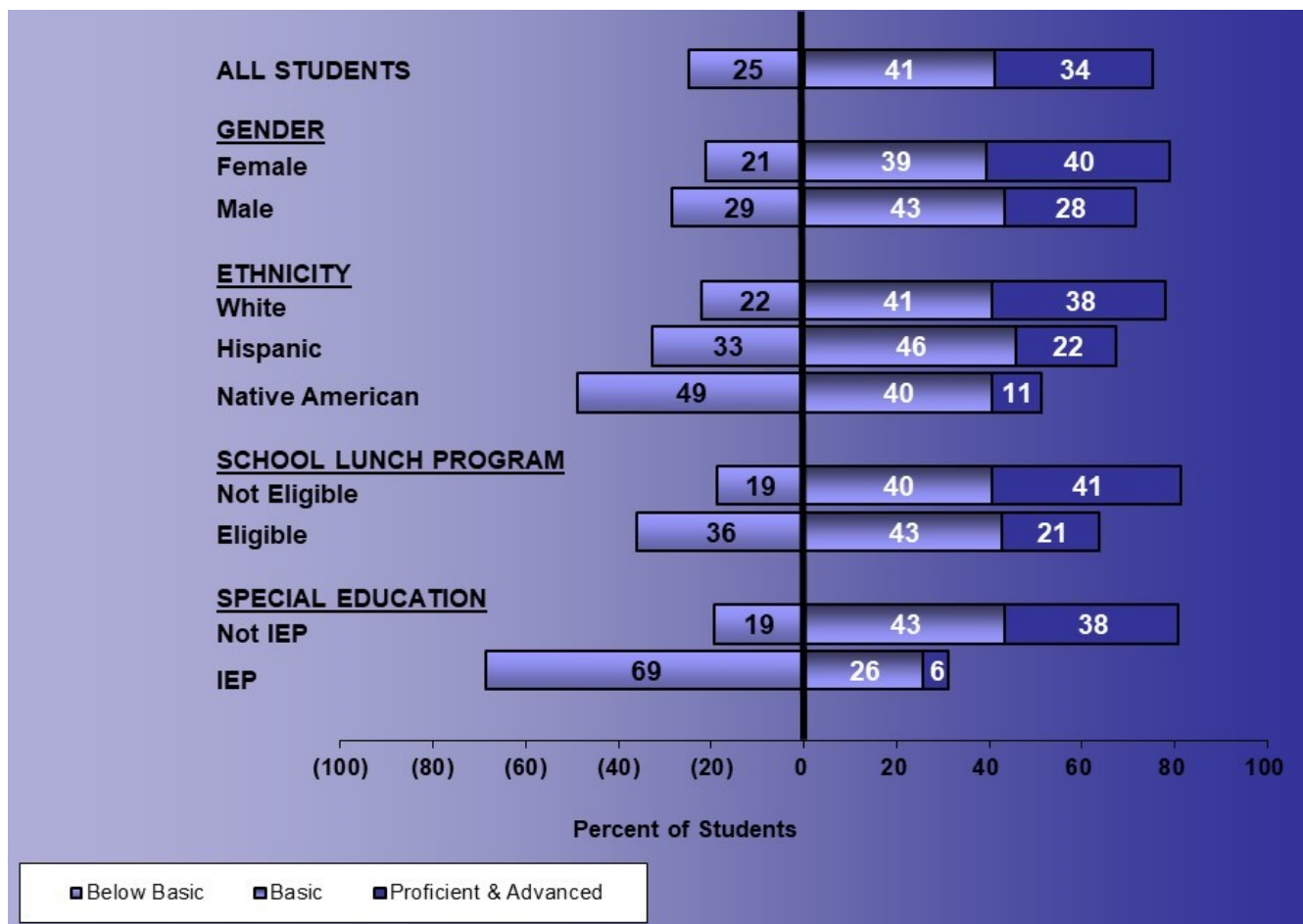
- ▶ In 2019, Wyoming eighth graders' scale scores in reading were above the average nationally. Wyoming also had higher results in four student groups: male students, students from low income families (i.e., students qualifying for free or reduced price meals from the National School Lunch Program) and students in town or rural schools (as defined by the Census Bureau).
- ▶ Wyoming female, Hispanic, Native American, or Special Education students and students in city schools had average scale scores that were not reliably different from their respective peer groups nationally.
- ▶ Wyoming's White fourth graders and Non-eligible students (i.e., those *not* qualifying for free or reduced price meals from the National School Lunch Program) had average scale scores in reading that were lower than their peers nationally.

Grade 8 Report

Student Groups Snapshot

The National Assessment of Educational Progress (NAEP) uses both multiple choice and constructed-response test items to assess eighth graders' skills in two reading areas: Literary Texts and Informational Texts. Scale scores range from 0 to 500, wherein a 243 denotes NAEP's *Basic* achievement benchmark (i.e., approximately a "grade level" performance); 281 reflects *Proficient* results or competency on challenging material, and 323 is considered to be *Advanced*.

Student Groups in Wyoming



- ▶ On the NAEP 2019 reading assessment the proportion of eighth grade male students in Wyoming scoring at or above *Basic* (71 percent) was lower than female students (79 percent).
- ▶ The proportion of eighth grade Hispanic students (70 percent) and Native American (51 percent) 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 eighth grade Black and Asian students.
- ▶ Wyoming eighth graders qualifying for free or reduced price meals in the School Lunch Program and scoring at or above *Basic* (64 percent) was lower than students not eligible for the program (81 percent).
- ▶ Special education students scoring at or above *Basic* (32 percent) was lower than general education students (81 percent).
- ▶ Sampling was not sufficient to permit reporting of reading performance for eighth grade English Learners in Wyoming.