



Idaho Demograph Groups vs. Their “National Public” Peers NAEP 2022 Mathematics and Reading Grades 4 and 8

The eleven (11) demographic groups includes:

All Students
Female Students
Male Students
Hispanic Students
White Students
Students qualified for National School Lunch Program
Students not qualified for National School Lunch Program
Student English Language Learners (ELL/LEP)
Students not English Language Learners
Student with Disabilities (IEP and 405 Combined)
Students without Disabilities

The snapshot for each demographic group includes:

A bar graph of Idaho and national scale scores with data labels.

A narrative identifying the Idaho demographic groups that had an average score that was statistically higher than their national peer group.

A narrative identifying the Idaho demographic groups that had an average score that was not significantly different from their national peer group.

A narrative identifying the Idaho demographic groups that had an average score that was statistically lower than their national peer group.

Note: Comparisons based on statistical tests (.05 level) using unrounded numbers that considered the magnitude of difference and standard errors.

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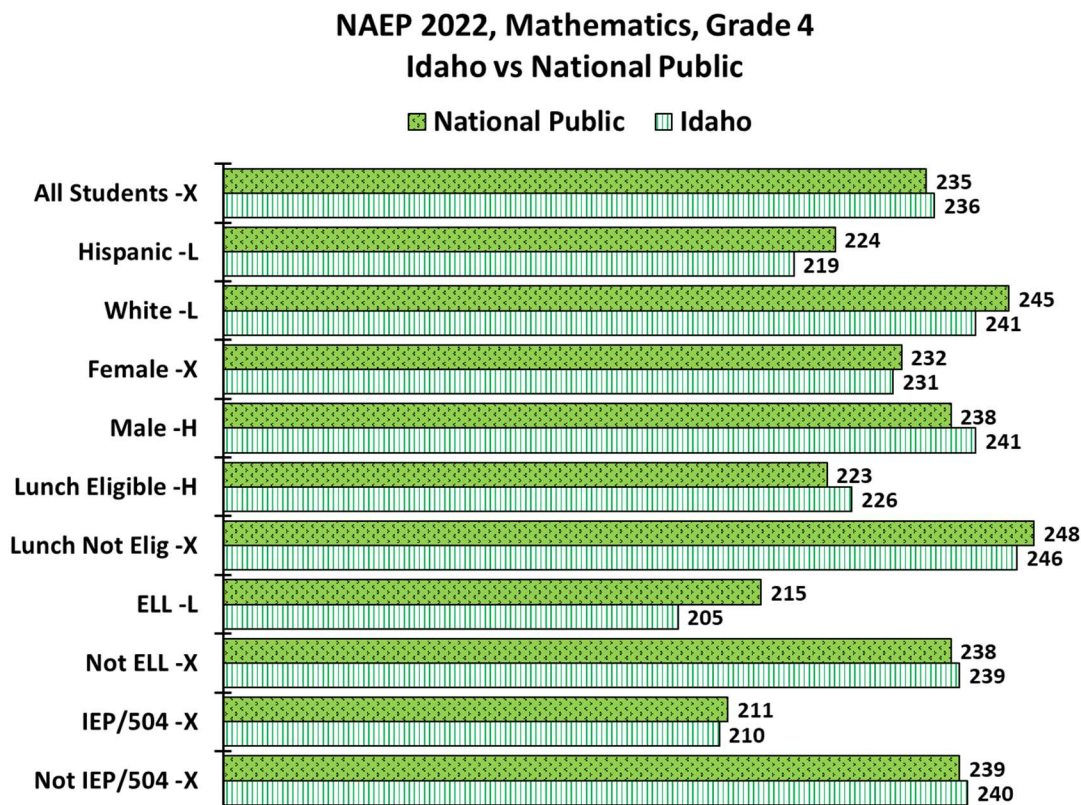
Source: U.S. Department of Education, Institute of Education Sciences,
National Center for Education Statistics,
National Assessment of Educational Progress (NAEP),
2022 Mathematics and Reading Assessments, Grade 4.
<https://www.nationsreportcard.gov/ndecore/xplore/NDE>

November 4, 2022



Idaho vs. National Public Student Demographic Groups NAEP 2022, Mathematics, Grade 4

The National Assessment of Educational Progress (NAEP) fourth grade mathematics assessment used multiple-choice and constructed-response items to examine student knowledge and skills using grade-appropriate literary and informational texts. Scores range from zero (0) to 500, where 214 is *Basic* (C or B, meets grade-level expectations), 249 is *Proficient* (A, higher than grade level performance), and 282 is *Advanced* (A+).



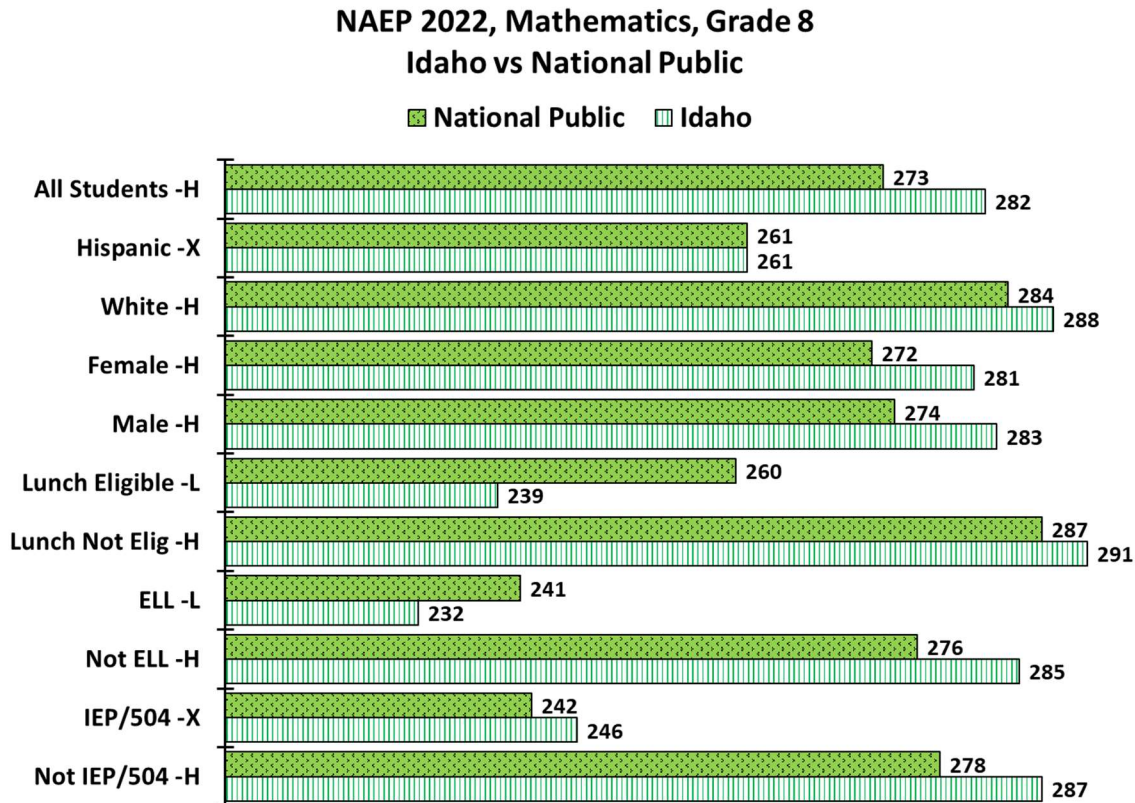
- ❖ Two (2) fourth-grade groups in Idaho had an average score on the NAEP 2022 mathematics test that was higher than their national peers: male students, and students who qualified for national school lunch program.
- ❖ Six (6) fourth-grade groups in Idaho had an average score on the NAEP 2022 mathematics test that was *not significantly different from* their national peers: all students, female students, students not eligible for free or reduced priced lunches, students who were not English language learners (ELL), students with disabilities (IEP/504), and students without disabilities.
- ❖ Three (3) fourth-grade groups in Idaho had an average score on the NAEP 2022 mathematics test that was *lower than* their national peers: Hispanic students, White students, and English language learners (ELL).

Note: Comparisons based on statistical tests (.05 level) using unrounded numbers that considered the magnitude of difference and standard errors. Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2022 Mathematics Assessment, Grade 4.



Idaho vs. National Public Student Demographic Groups NAEP 2022, Mathematics, Grade 8

The National Assessment of Educational Progress (NAEP) fourth grade mathematics assessment used multiple-choice and constructed-response items to examine student knowledge and skills using grade-appropriate literary and informational texts. Scores range from zero (0) to 500, where 262 is *Basic* (C or B, meets grade-level expectations), 299 is *Proficient* (A, higher than grade level performance), and 333 is *Advanced* (A+).



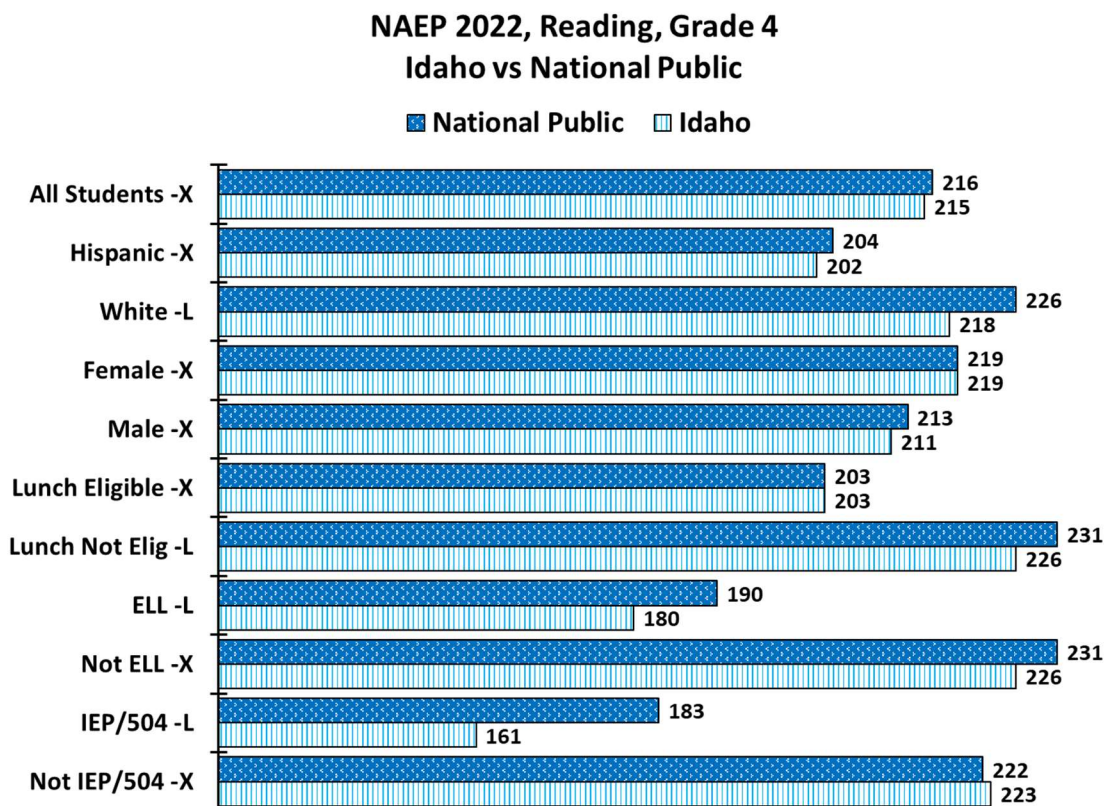
- ❖ Seven (7) fourth-grade groups in Idaho had an average score on the NAEP 2022 mathematics test that was *higher than* their national peers: all students, White students, female students, male students, students eligible for school lunch program, students who are not English language learners (ELL), and students without IEP/504 disabilities.
- ❖ Two (2) fourth-grade groups in Idaho had an average score on the NAEP 2022 mathematics test that was *not significantly different from* their national peers: Hispanic students, and students who are English language learners (ELL).
- ❖ Two (2) fourth-grade groups in Idaho had an average score on the NAEP 2022 mathematics test that was *lower than* their national peers: students eligible for school lunch, and students with a disability (IEP/504)

Note: Comparisons based on statistical tests (.05 level) using unrounded numbers that considered the magnitude of difference and standard errors. Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2022 Mathematics Assessment, Grade 8.



Idaho vs. National Public Student Demographic Groups NAEP 2022, Reading, Grade 4

The fourth grade reading assessment of the National Assessment of Educational Progress (NAEP) used multiple choice and constructed response questions to examine student skills to examine student knowledge and skills using grade-appropriate literary and informational texts. Scores range from zero (0) to 500, where 208 is *Basic* (C or B, meets grade-level expectations), 238 is *Proficient* (A, higher than grade level performance), and 268 is *Advanced* (A+).



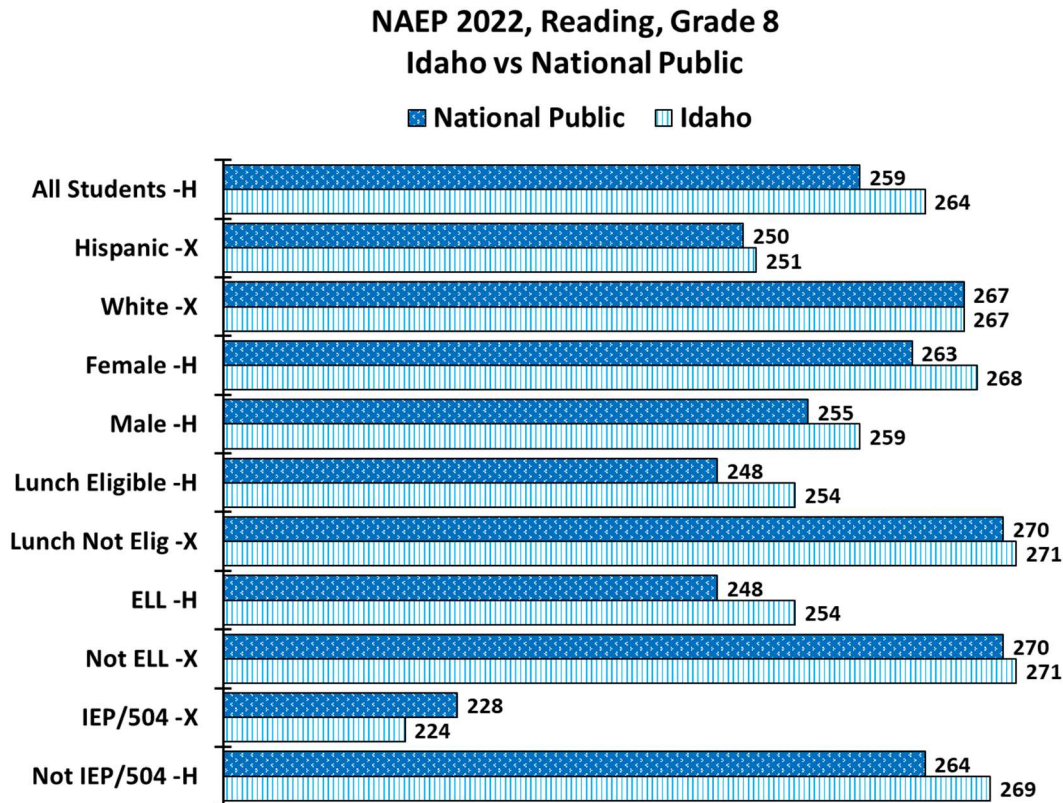
- ❖ None (0) of the fourth-grade student groups in Idaho had an average score on the NAEP 2019 mathematics test that was *higher than* their national peers.
- ❖ Seven (7) fourth-grade student groups in Idaho had an average score on the NAEP 2019 mathematics test that was *not significantly different from* their national peers: all students, Hispanic students, female students, male students, students eligible for national school lunch program, students
- ❖ Four (4) fourth-grade student groups in Idaho had an average score on the NAEP 2019 mathematics test that was *lower than* their national peers: White students, students not eligible for school lunch, students who are English language learners (ELL), and students without a disability (IEP/504).

Note: Comparisons based on statistical tests (.05 level) using unrounded numbers that considered the magnitude of difference and standard errors. Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2022 Reading Assessment, Grade 4.



Idaho vs. National Public Student Demographic Groups NAEP 2022 Reading, Grade 8

The fourth grade reading assessment of the National Assessment of Educational Progress (NAEP) used multiple choice and constructed response questions to examine student skills to examine student knowledge and skills using grade-appropriate literary and informational texts. Scores range from zero (0) to 500, where 243 is *Basic* (C or B, meets grade-level expectations), 281 is *Proficient* (A, higher than grade level performance), and 323 is *Advanced* (A+).



- ❖ Six (6) of the eighth-grade student groups in Idaho had an average score on the NAEP 2022 reading test that was *higher than* their national peers: all students, female students, male students, student eligible for school lunch program, students who are English language learners (ELL), students who are not disabled (IEP/505).
- ❖ Five (5) eighth-grade student groups in Idaho had an average score on the NAEP 2022 reading test that was *not significantly different from* their national peers: Hispanic students, White Students, students not eligible for school lunch, students who are not English language learners (ELL), and students who are disabled (IEP/504).
- ❖ None (0) of the eighth-grade student groups in Idaho had an average score on the NAEP 2022 reading test that was *lower than* their national peers.

Note: Comparisons based on statistical tests (.05 level) using unrounded numbers that considered the magnitude of difference and standard errors. Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2022 Reading Assessment, Grade 8.