

Data Walk: Reading Summit

EDUCATION



© Accessible Version

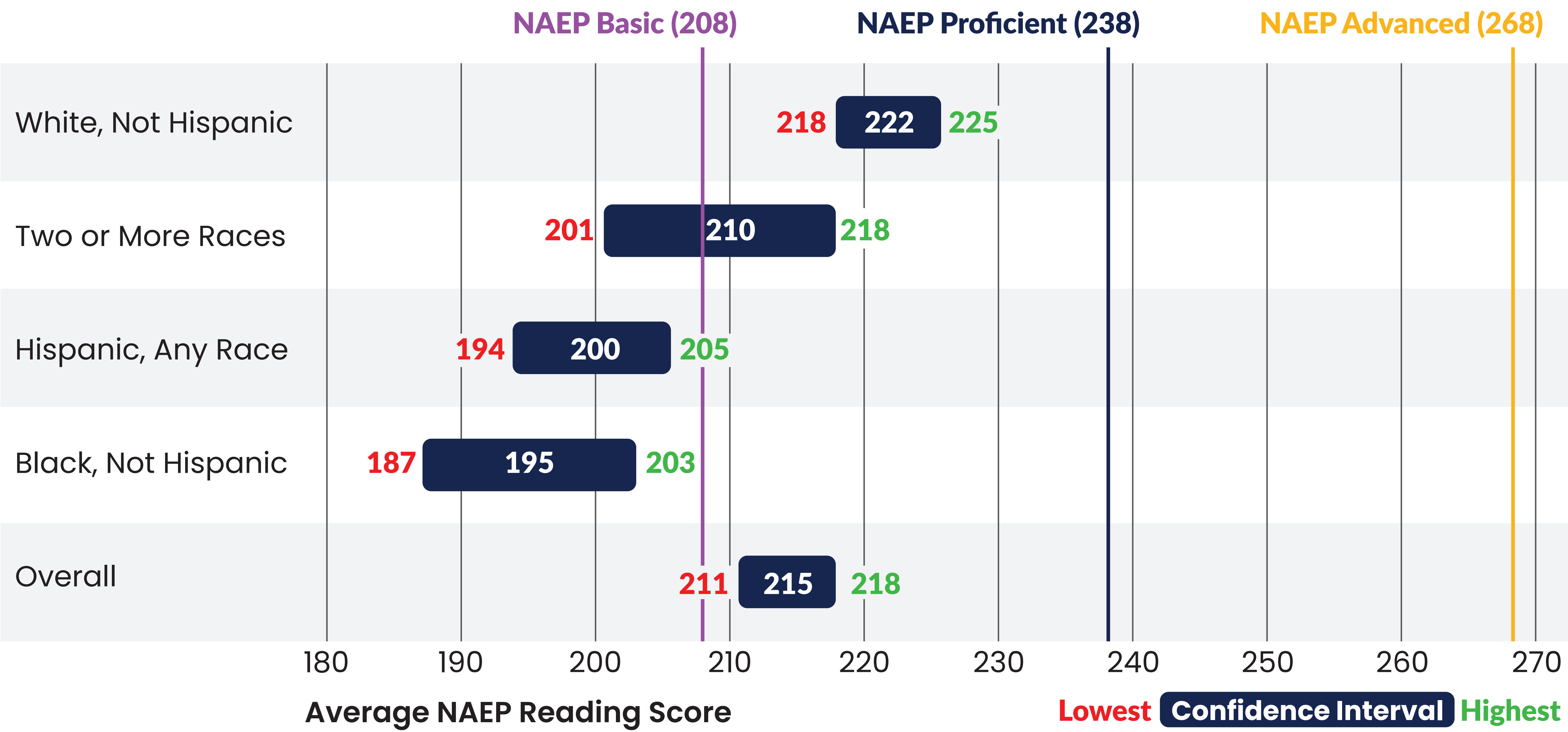
What This Measures:

The average reading score of Kansas 4th graders based on the National Assessment of Educational Progress (NAEP) standardized test.

The average NAEP score for all Kansas 4th graders was below the proficient level of reading.

The average score for Black and Hispanic students was below the basic level of reading.

Average NAEP Reading Score (95 Percent Confidence Interval) of Kansas 4th Graders by Race and Ethnicity, 2022



Meaning of NAEP Performance Levels

Basic (208): Partial mastery of prerequisite knowledge and skills fundamental for performance at the proficient level.

Proficient (238): Competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations and analytical skills.

Advanced (268): Superior performance beyond proficient level.

How to read this data: This data source estimates with 95 percent accuracy the average reading score for students. For example, the estimated range of the average score for Hispanic students is between 194 and 205, and for Black students is between 187 and 203. **Because the ranges overlap, it is inaccurate to say the average score for Hispanic students is higher than the average for Black students.**

Note: The NAEP reading assessment is administered nationally to 4th graders (typically in alternating years) with the test's scaled scores for each grade/student grouped into one of four groups (below basic, basic, proficient or advanced). NAEP average scores are presented on a scale from 0-500. A confidence interval is a range of possible values around a measurement that conveys how precise the measurement is. A 95 percent confidence interval is standard practice. Asian/Pacific Islander and American Indian/Alaska Native student scores were suppressed due to low numbers. Source: Kansas Health Institute analysis of National Center for Education Statistics (NCES) National Assessment of Educational Progress (NAEP) percentages by achievement level for 2022.

Why this is important: Students who are competent readers are more likely to perform well in other subjects, such as math and science. Reading achievement also is a predictor of one's likelihood of graduating from high school and attending college. The National Assessment of Educational Progress (NAEP) is a nationally representative assessment that measures what students know and can do in selected subject areas like reading.

(Sources: County Health Rankings and National Assessment of Educational Progress.)