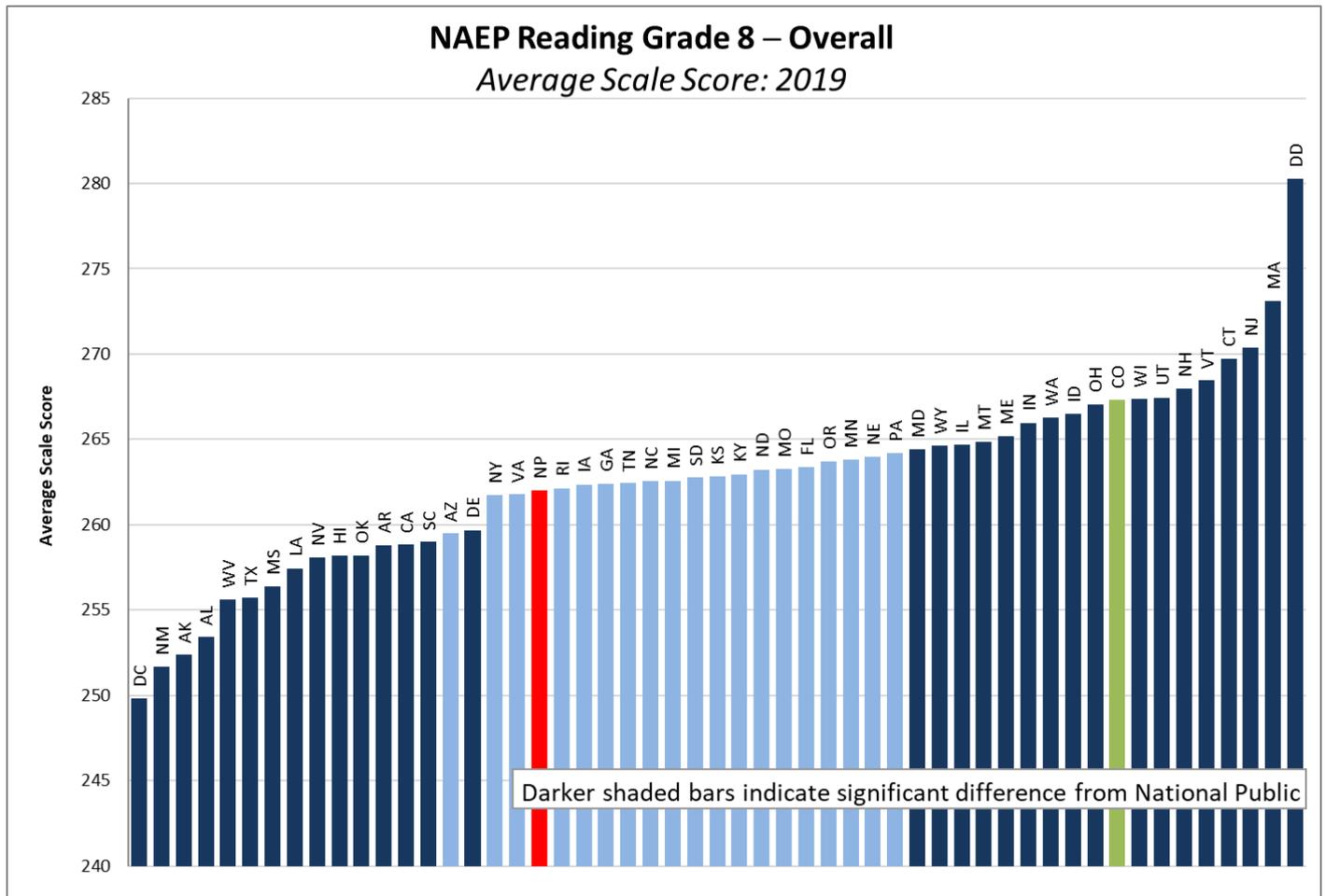




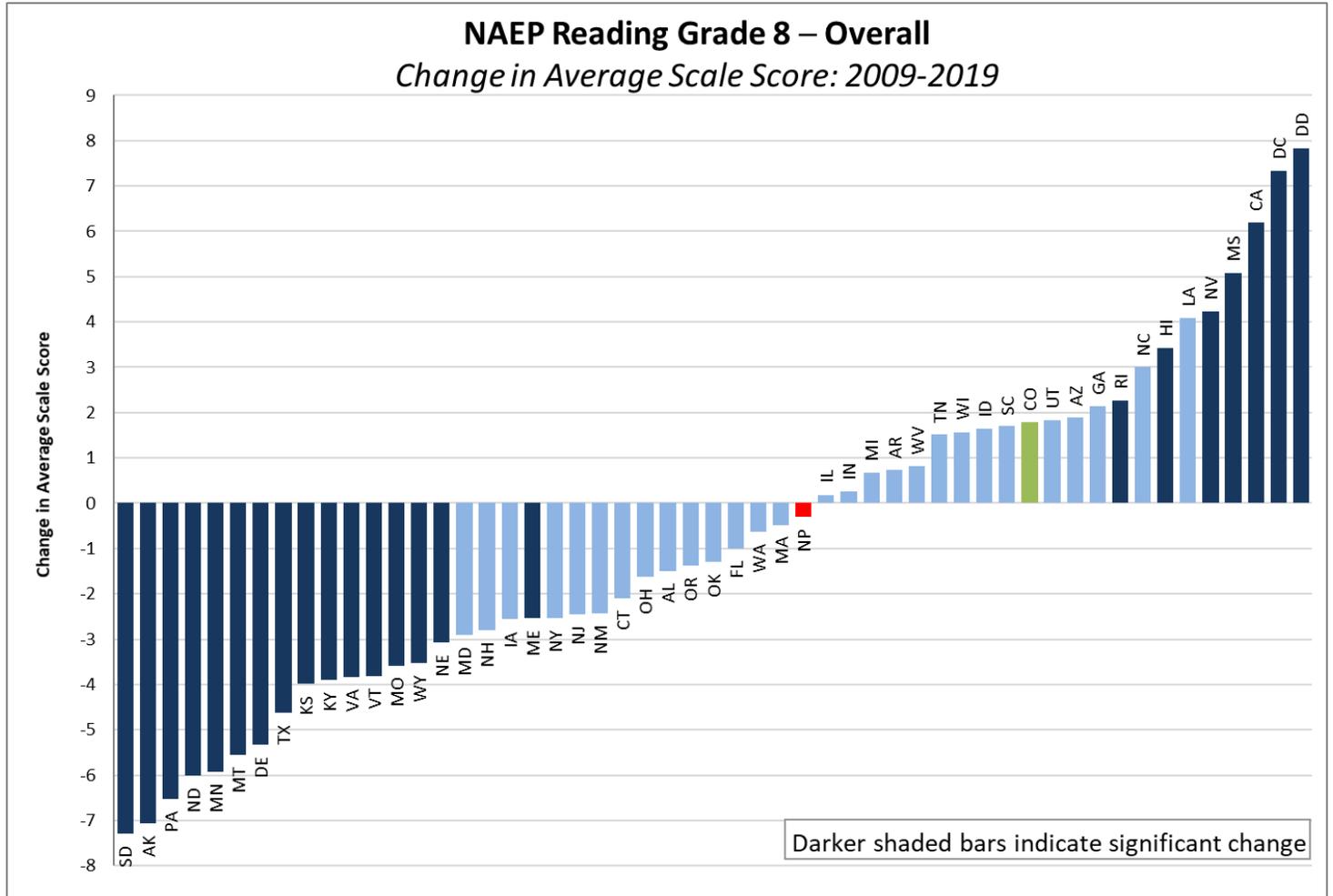
National NAEP Reading Grade 8 Average Scale Scores.



Using the average scale score on the NAEP 2019 Reading assessment for each state, this bar graph compares Colorado 8th graders with the other 49 states, the District of Columbia and the Department of Defense schools. The red bar indicates the National Public average. The green bar represents Colorado. Darker shaded bars indicate significant difference from National Public average.



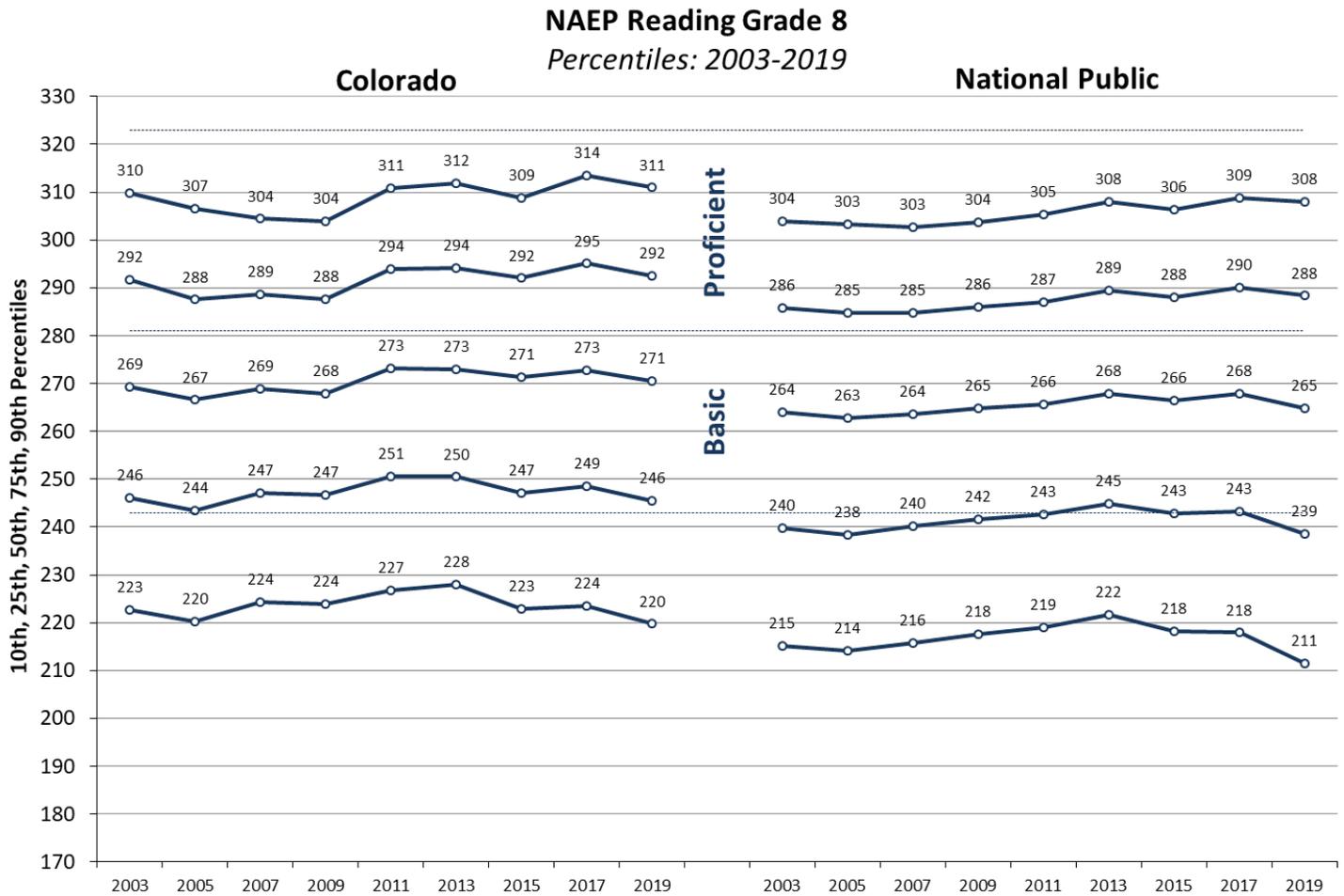
National Change in NAEP Grade 8 Reading Scale Scores Over Ten Years



Using the average scale score on the NAEP 2019 Reading assessment for each state, this bar graph compares Colorado 8th graders with the other 49 states, the District of Columbia and the Department of Defense schools. The red bar indicates the National Public average. The green bar represents Colorado. Darker shaded bars indicate significant difference from National Public average.



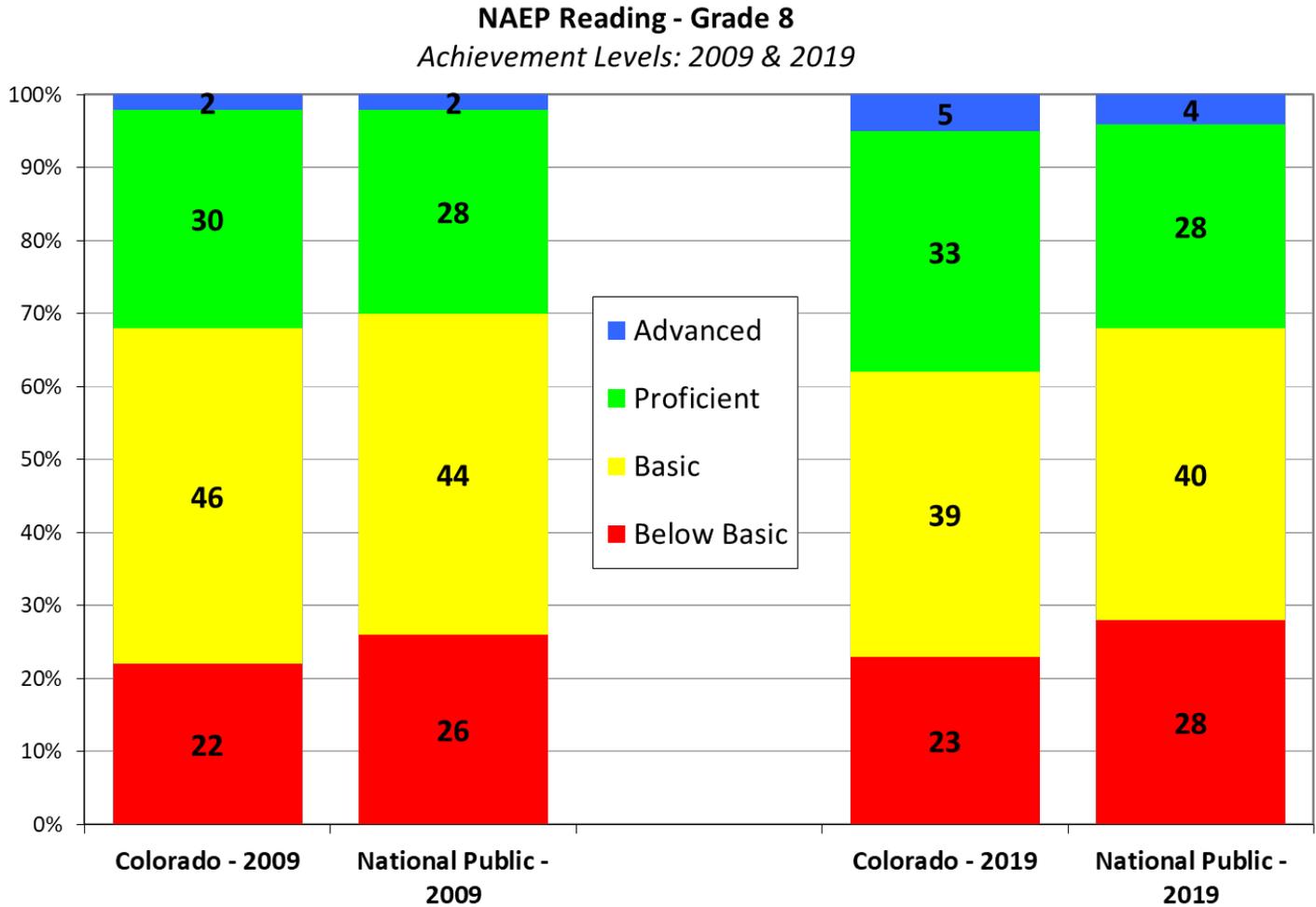
Colorado vs National Public Average Scale Score by Percentiles 2003-2019



The line charts above represent average scale score on the 2019 NAEP Grade 8 Reading assessment separated into the 10th, 25th, 50th, 75th, and 90th percentiles for each Colorado and National Public school students extending back to 2003. The dashed lines represents the 2019 NAEP Grade 4 Reading NAEP Basic and Proficient achievement levels.



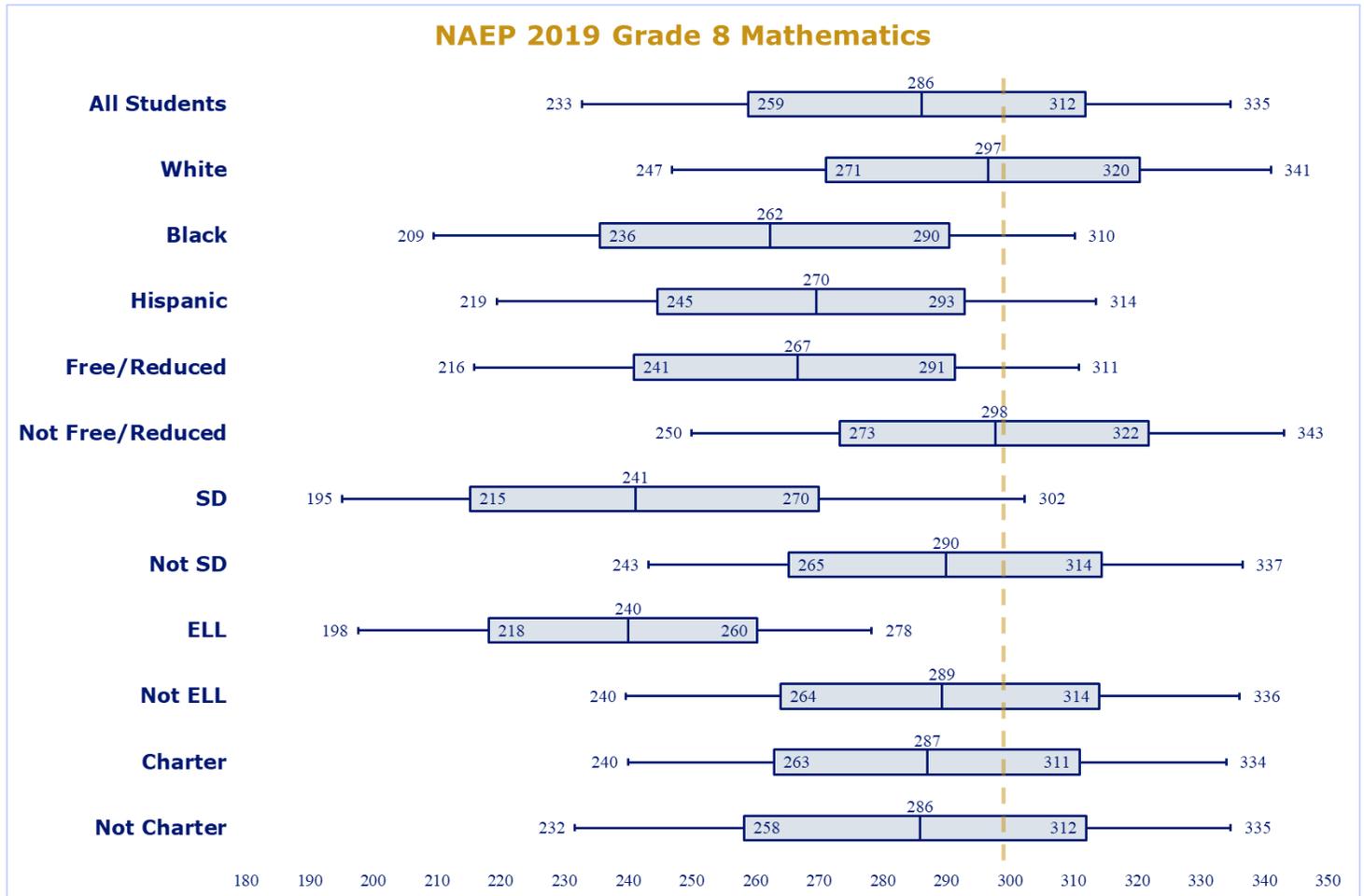
Change in NAEP Reading Grade 8 Achievement Levels Over Ten Years



The bar chart on the far left compares the percentages at each NAEP Reading achievement level for 8th graders in Colorado and National Public in 2009. The bar chart on the right compares the percentages at each NAEP Reading achievement level for 8th grade in Colorado and National Public in 2019. Blue represents the percent of students scoring in the advanced achievement level. Green represents the percent of students scoring in the proficient achievement level. Yellow represents the percent of students scoring in the basic achievement level. Red represents the percent of students that scored below the basic achievement level.



2019 Colorado NAEP Reading Grade 8 Reading Scale Scores Percentiles by Subgroups

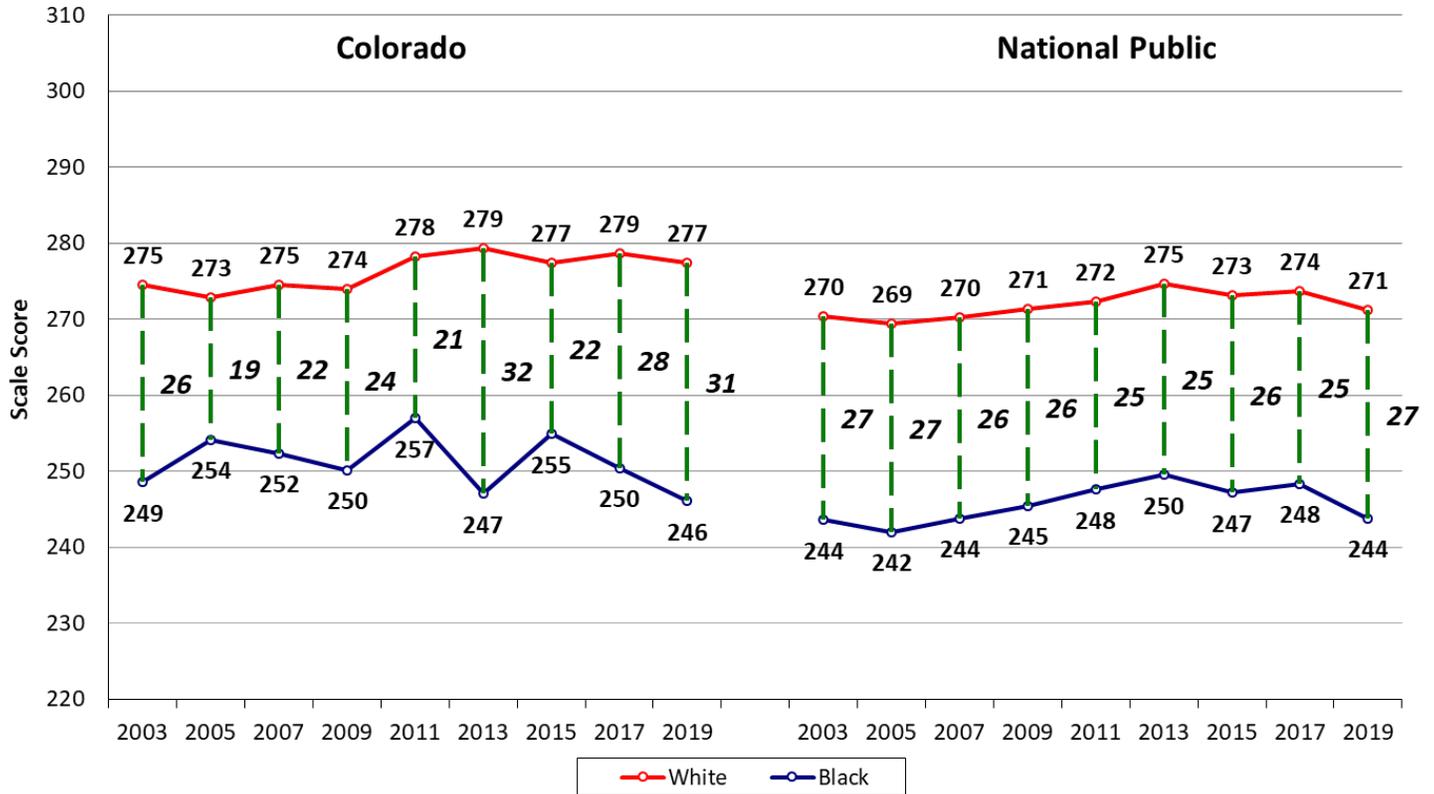


The horizontal box plots above represent average scale score on the 2019 NAEP Grade 8 Reading assessment separated into the 10th, 25th, 50th, 75th, and 90th percentiles for each Colorado subgroup. The dashed orange line represents the 2019 NAEP Grade 8 Reading NAEP Proficient achievement level scale score of 281.



Colorado NAEP Reading Grade 8 Black / White Gap

NAEP Reading Grade 8 – White- Black
Gap - Average Scale Score: 2003-2019



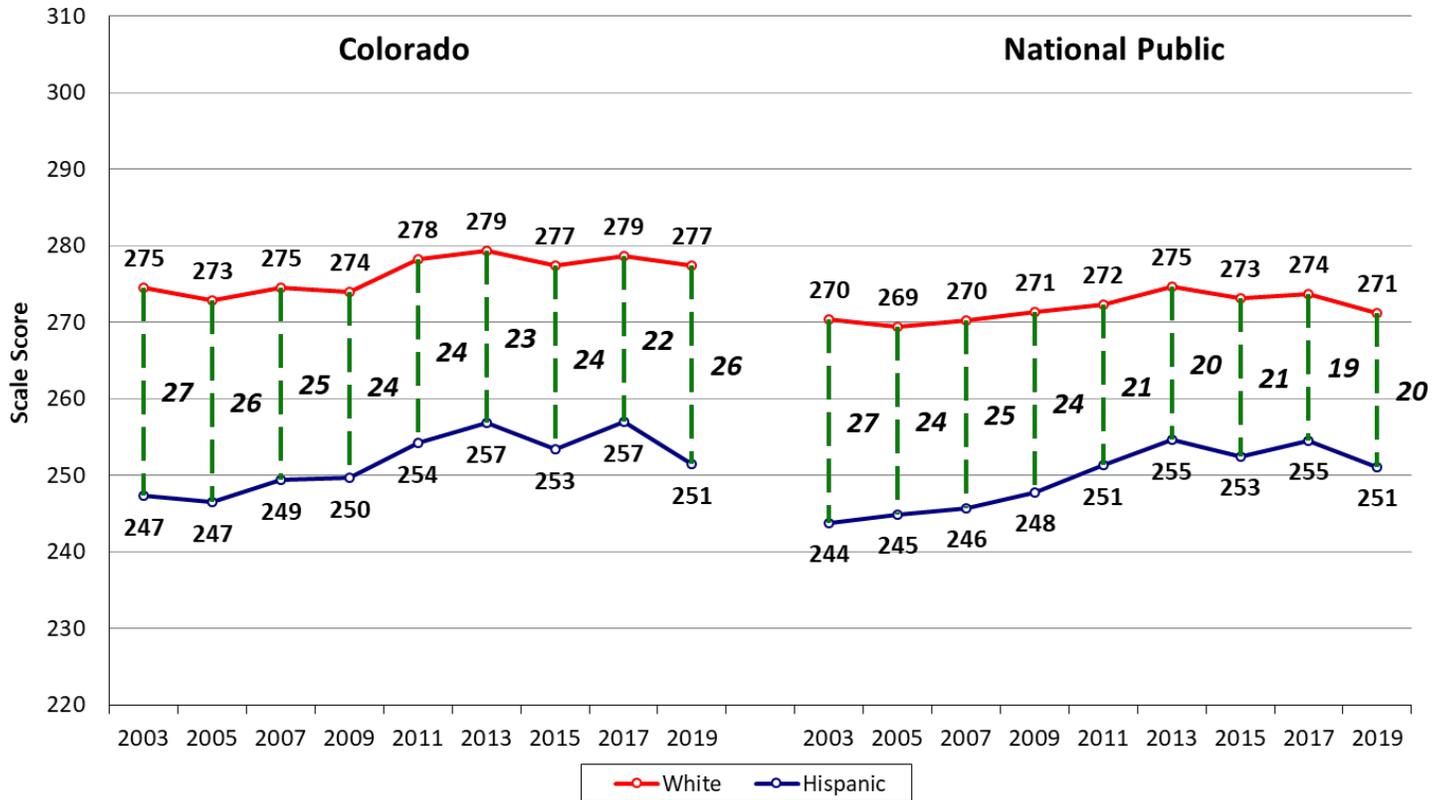
NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

This is a comparison of Colorado and National Public 8th grade student subgroups using the average scale scores on the NAEP Reading assessment extending back to 2003. The red line represents White student 8th grade average scale scores while the blue line represents Black student 8th grade average scale scores. The dotted green vertical lines represent the score gaps between the student subgroups.



Colorado NAEP Reading Grade 8 Hispanic / White Gap

NAEP Reading Grade 8 – White- Hispanic
Gap - Average Scale Score: 2003-2019



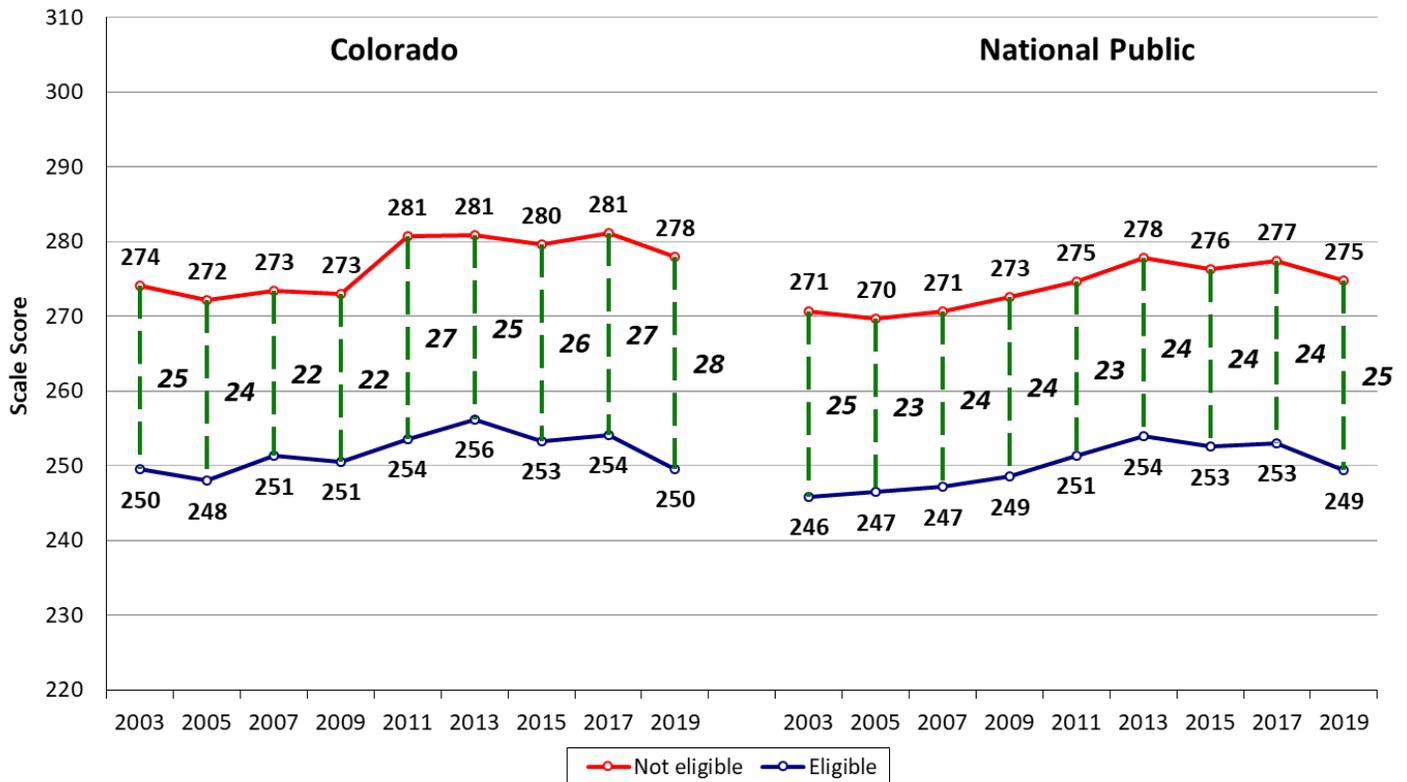
NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

This is a comparison of Colorado and National Public 8th grade student subgroups using the average scale scores on the NAEP Reading assessment extending back to 2003. The red line represents White student 8th grade average scale scores while the blue line represents Hispanic student 8th grade average scale scores. The dotted green vertical lines represent the score gaps between the student subgroups.



Colorado NAEP Reading Grade 8 Free and Reduced Lunch / Non- Free and Reduced Lunch Gap

NAEP Reading Grade 8 – Non-Free and Reduced Lunch - Free and Reduced Lunch Gap - Average Scale Score: 2003-2019



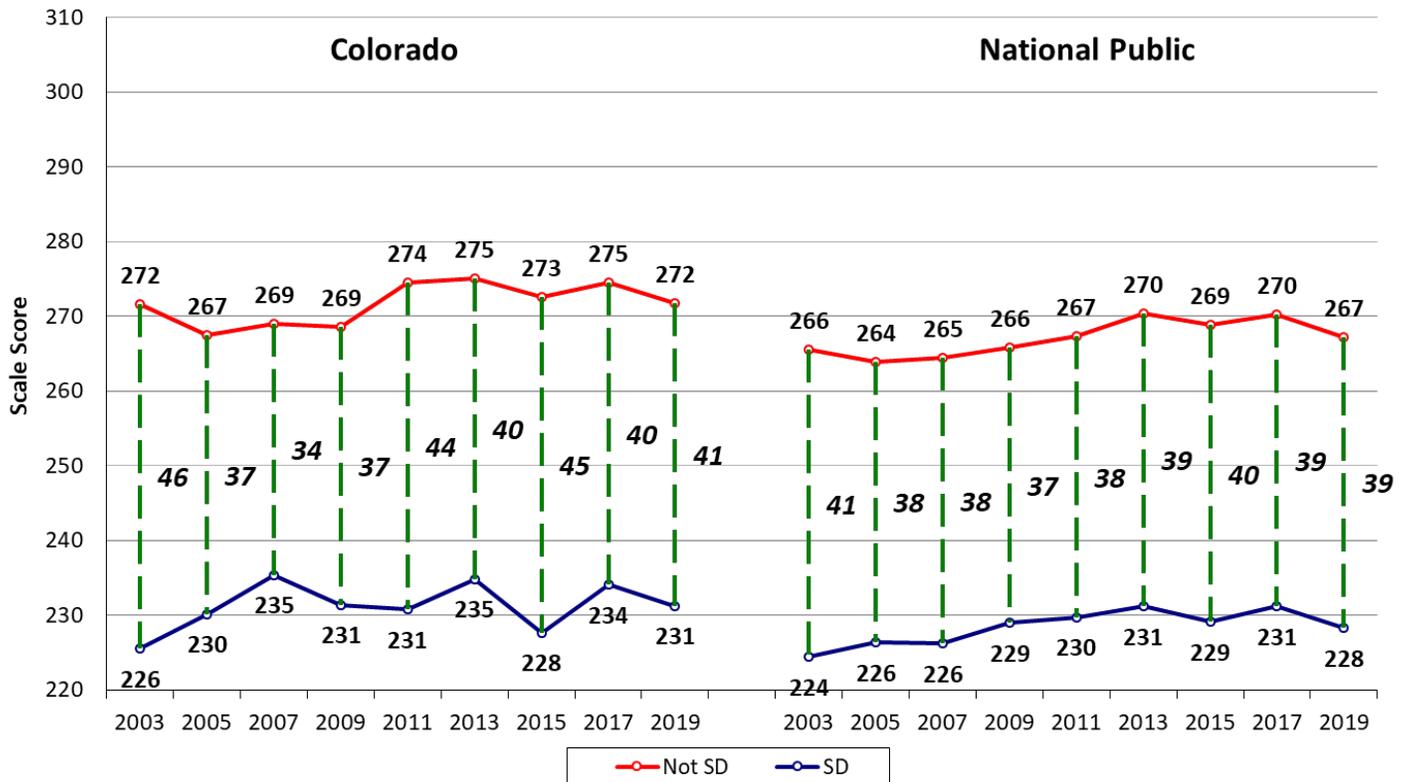
NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

This is a comparison of Colorado and National Public 8th grade student subgroups using the average scale scores on the NAEP Reading assessment extending back to 2003. The red line represents 8th grade students not eligible for free and reduced lunch average scale scores while the blue line represents 8th grade students eligible for free and reduced lunch average scale scores. The dotted green vertical lines represent the score gaps between the student subgroups.



Colorado NAEP Reading Grade 8 Non-Disabled Students / Students with Disabilities Gap

NAEP Reading Grade 8 – Non-Disabled Students - Disabled Students
Gap - Average Scale Score: 2003-2019



NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

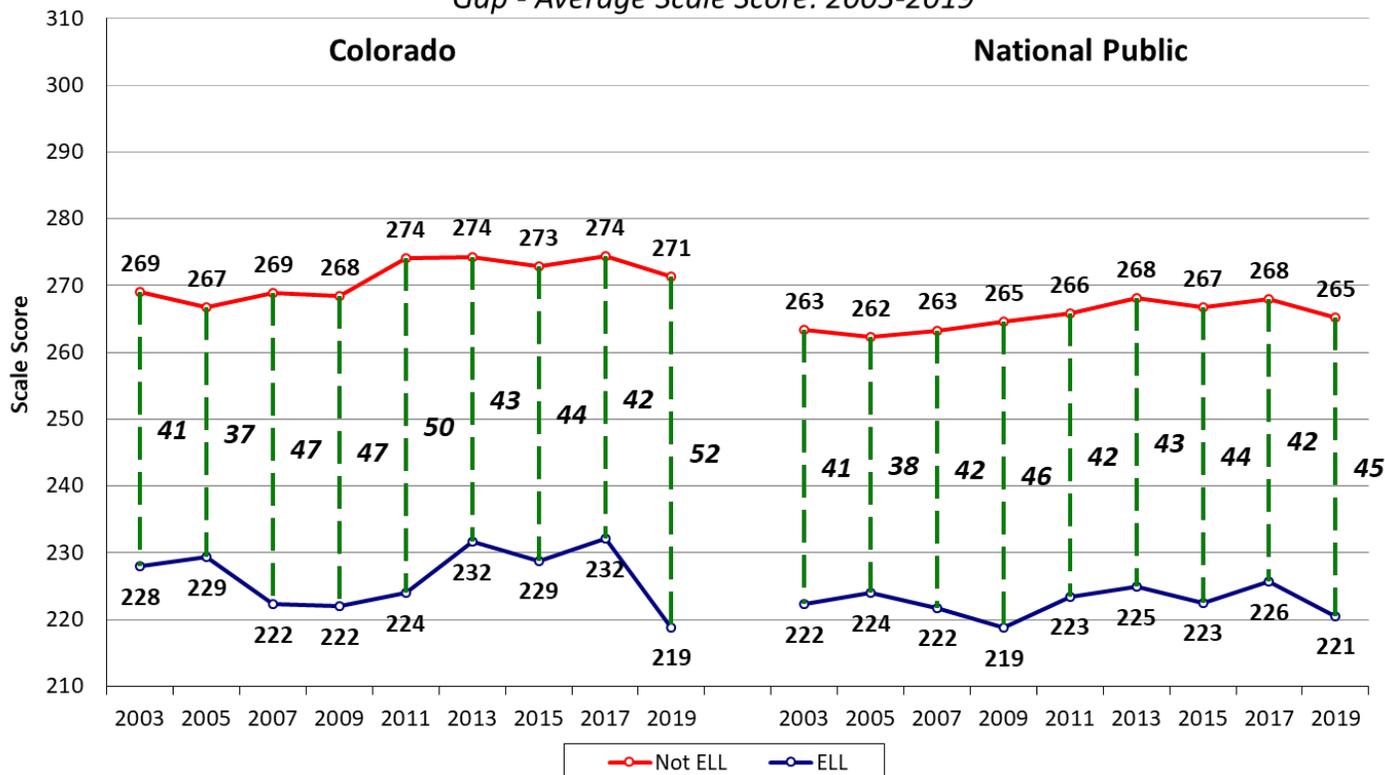
This is a comparison of Colorado and National Public 8th grade student subgroups using the average scale scores on the NAEP Reading assessment extending back to 2003. The red line represents 8th grade average scale scores of non disabled students while the blue line represents 8th grade average scale scores of with disabilities. The dotted green vertical lines represent the score gaps between the student subgroups.



Colorado NAEP Reading Grade 8 Non-English Language Learners / English Language Learners Gap

NAEP Reading Grade 8 – Non-English Language Learners- English Language Learners

Gap - Average Scale Score: 2003-2019



NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

This is a comparison of Colorado and National Public 8th grade student subgroups using the average scale scores on the NAEP Reading assessment extending back to 2003. The red line represents 8th grade average scale scores of students who are not English language learners while the blue line represents 8th grade average scale scores of students who are English language learners. The dotted green vertical lines represent the score gaps between the student subgroups.

WHERE CAN I LEARN MORE?

- <http://www.cde.state.co.us/assessment/conaep>
- <https://www.nationsreportcard.gov>