

2017 National Assessment of Educational Progress (NAEP)

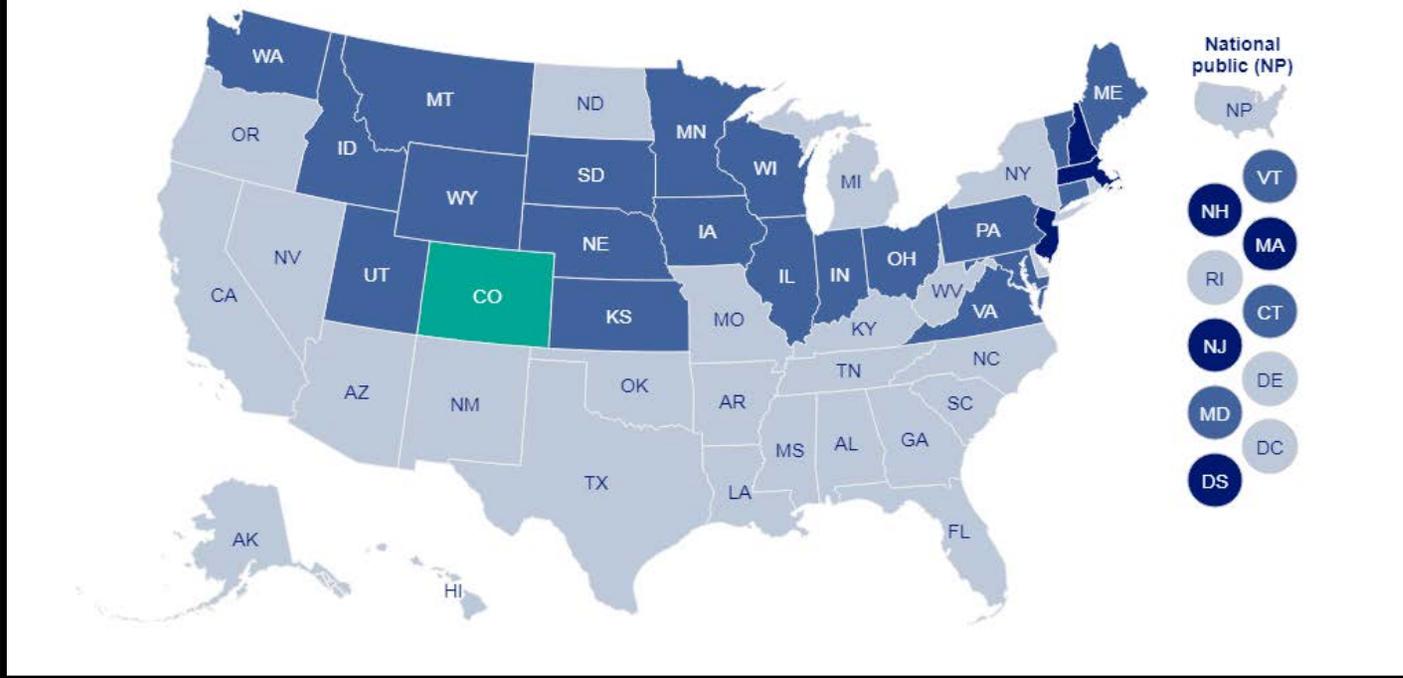
Reading Grade 8 Results Graphics



NAEP 2017 Reading Grade 8: Average Scale Score



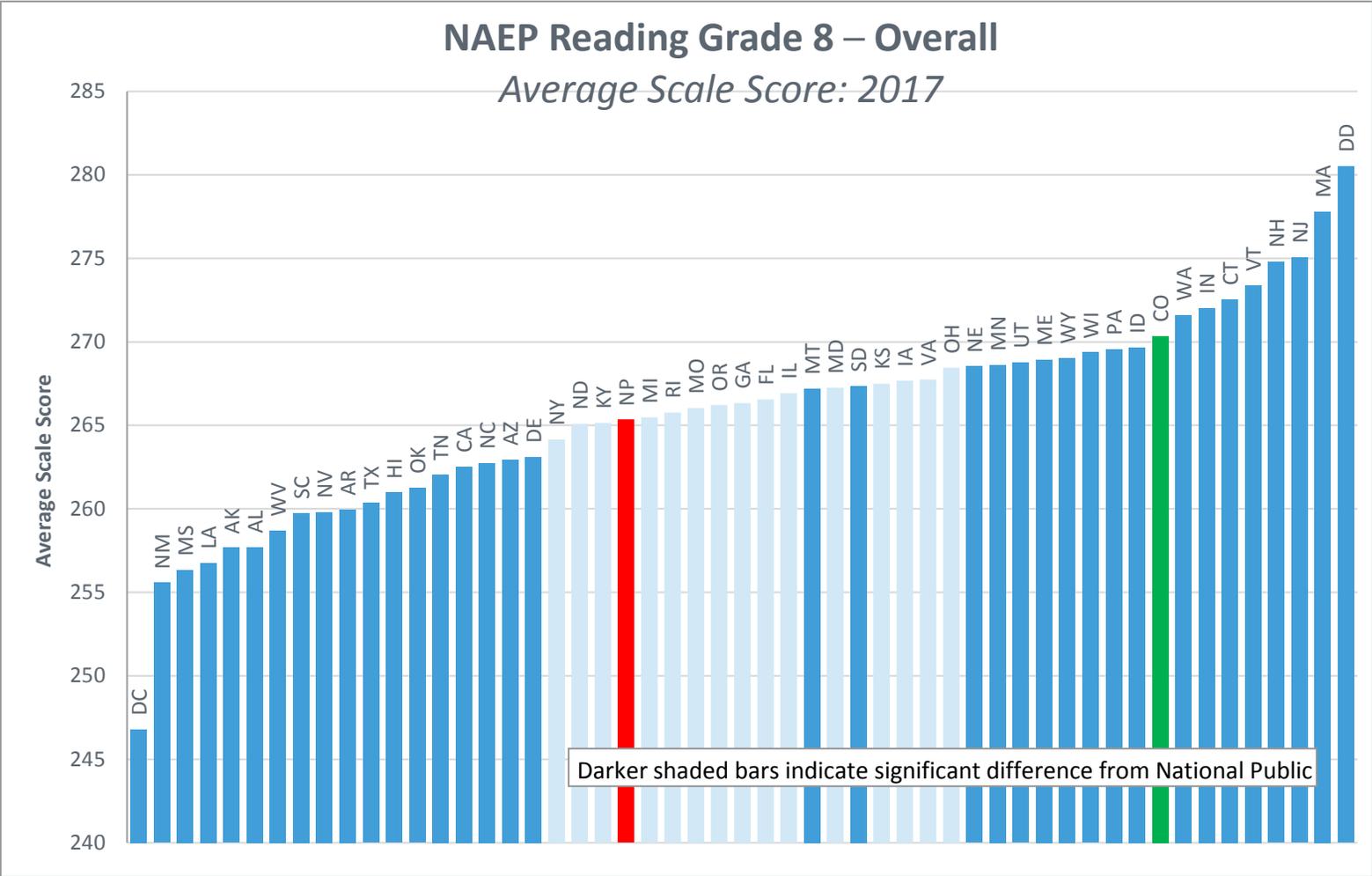
Reading, grade 8
Difference in average scale scores between all jurisdictions and Colorado, for All students [TOTAL], 2017



The map compares Colorado 8th graders average scale score on the NAEP 2017 *Reading* assessment to the other 49 states, the District of Columbia and the Department of Defense schools. Colorado which is shaded green is the focal state. States shaded light blue scored lower than Colorado. Dark-blue shaded states scored higher than Colorado and grey-shaded states scored the same as Colorado. Because NAEP results are based on samples, there is a margin of error associated with each score or percentage. Therefore, only those differences in scores or percentages that meet NAEP's standards for statistical significance are reported as higher or lower.



National NAEP 2017 Reading Grade 8 Average Scale Score



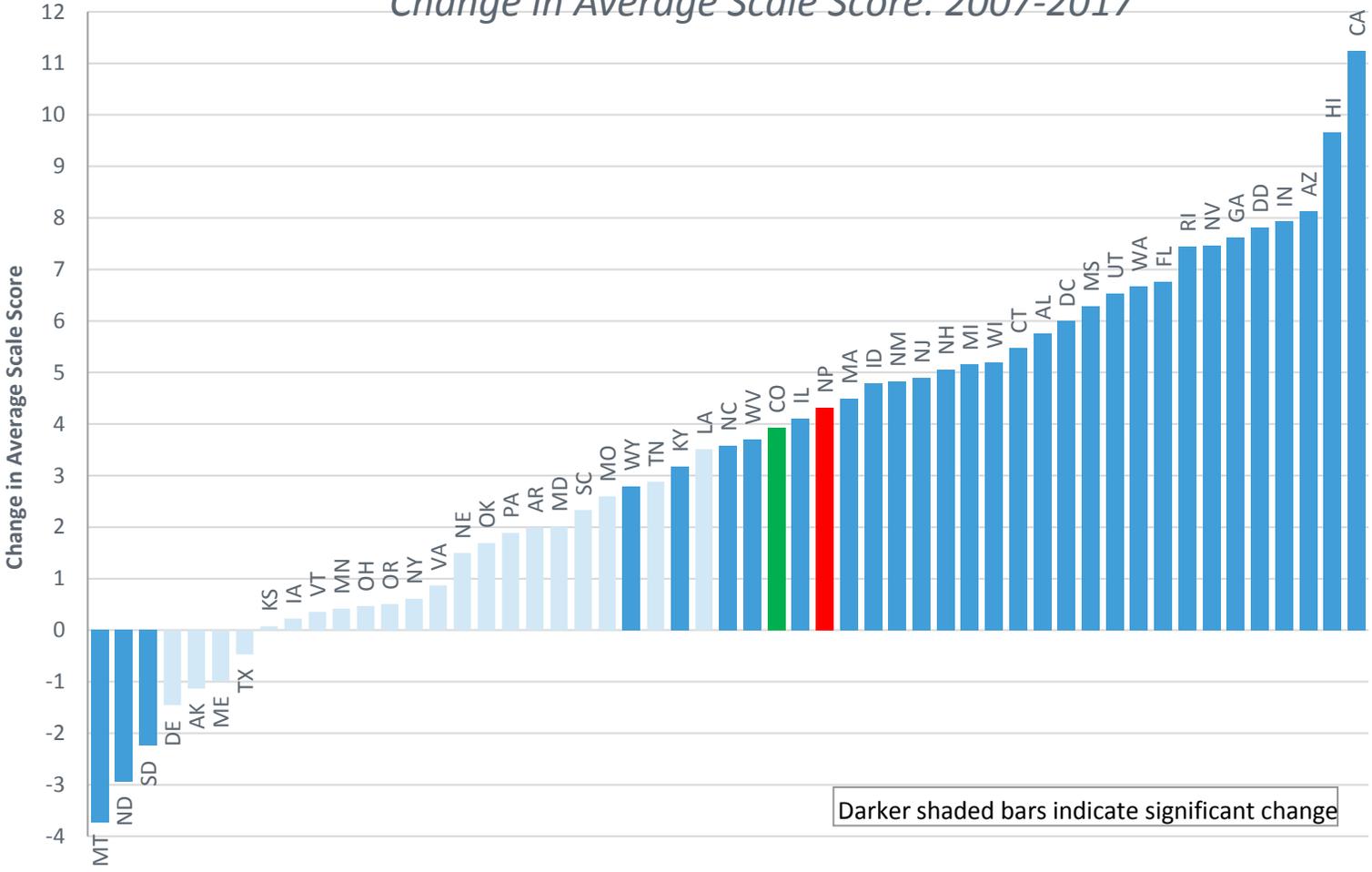
Using the average scale score on the NAEP 2017 Reading assessment for each state, this bar graph compares Colorado 8th graders with the other 49 states, the District of Columbia and the Department of Defense schools. The red bar indicates the National Public average. The green bar represents Colorado. Darker shaded bars indicate significant difference from National Public average.



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

NAEP Reading Grade 8 – Overall

Change in Average Scale Score: 2007-2017

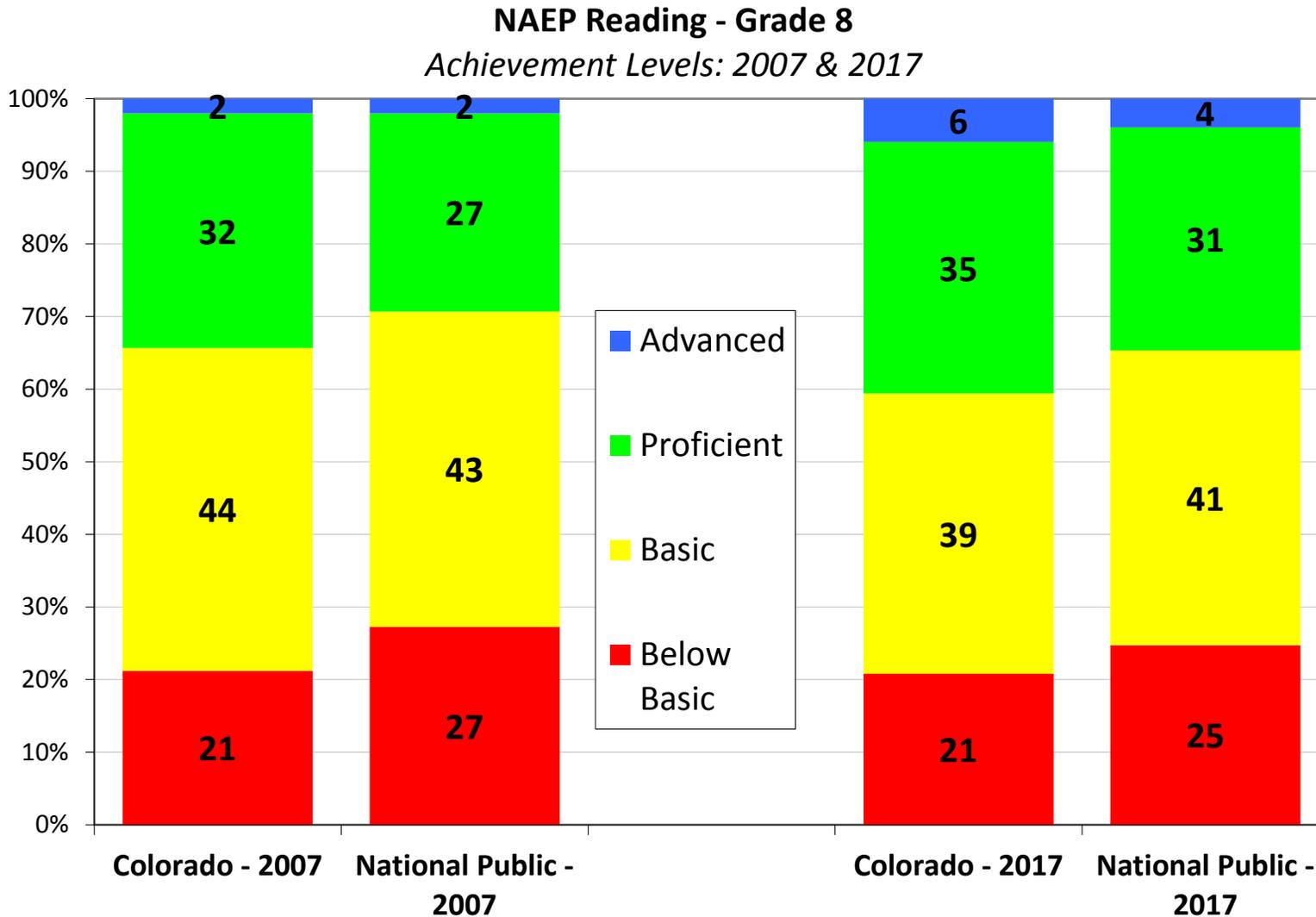


Using the average scale score on the NAEP 2017 Reading assessment for each state, this bar graph compares Colorado 8th graders with the other 49 states, the District of Columbia and the Department of Defense schools. The red bar indicates the National Public average. The green bar represents Colorado. Darker shaded bars indicate significant difference from National Public average.

Darker shaded bars indicate significant change



Change in NAEP Reading Grade 8 Achievement Levels Over Ten Years

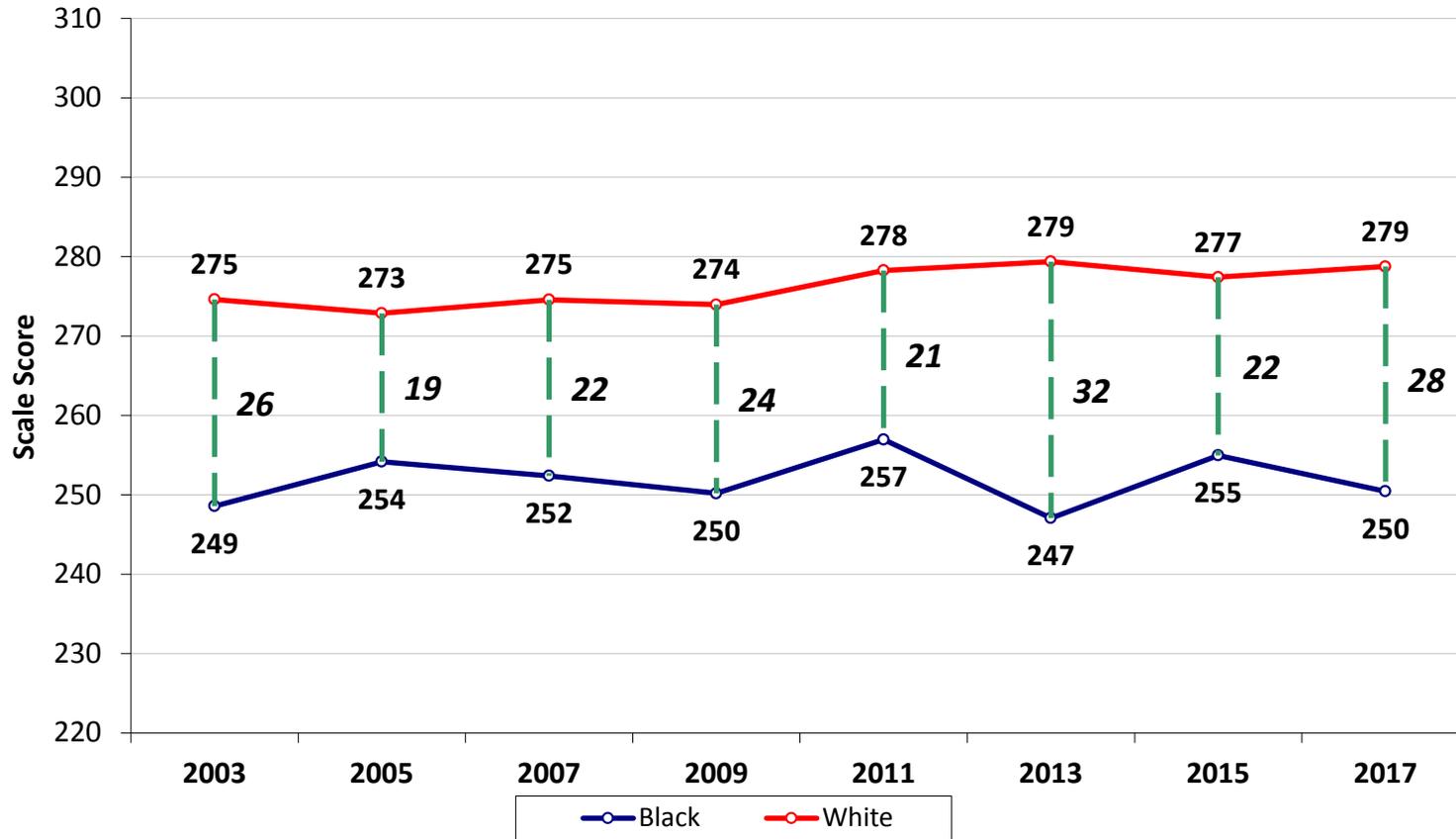


The bar chart on the far left compares the percentages at each NAEP Reading achievement level for 8th graders in Colorado and National Public in 2007. The bar chart on the right compares the percentages at each NAEP Reading achievement level for 8th grade in Colorado and National Public in 2017. Blue 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.



Colorado NAEP Reading Grade 8 White / Black Gap

NAEP Reading Grade 8 – White / Black Gap - Average Scale Score: 2003-2017



This is a comparison of Colorado 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.

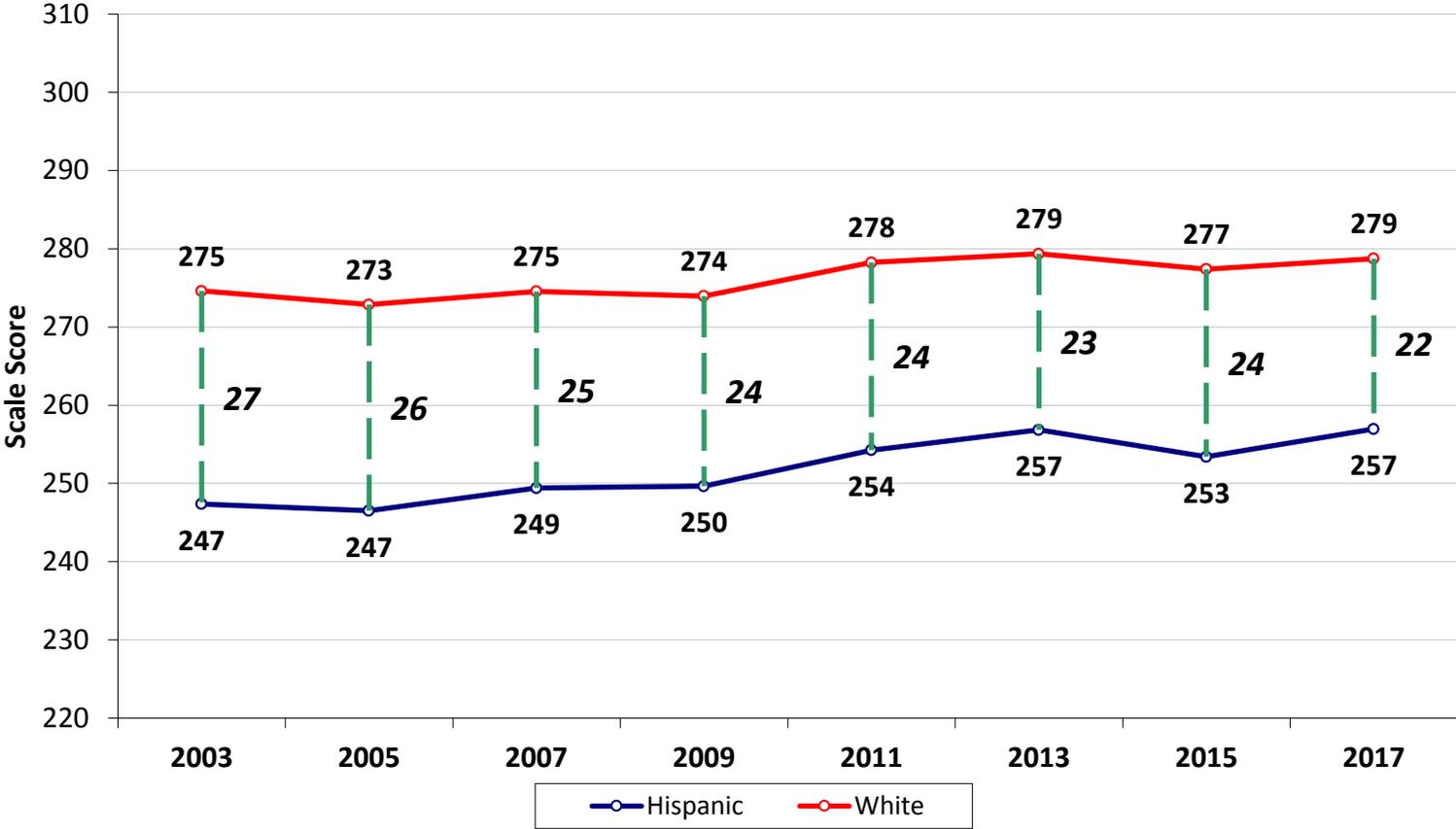
NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational



Colorado NAEP Reading Grade 8 White / Hispanic Gap

NAEP Reading Grade 8 – White / Hispanic Gap - Average Scale Score: 2003-2017



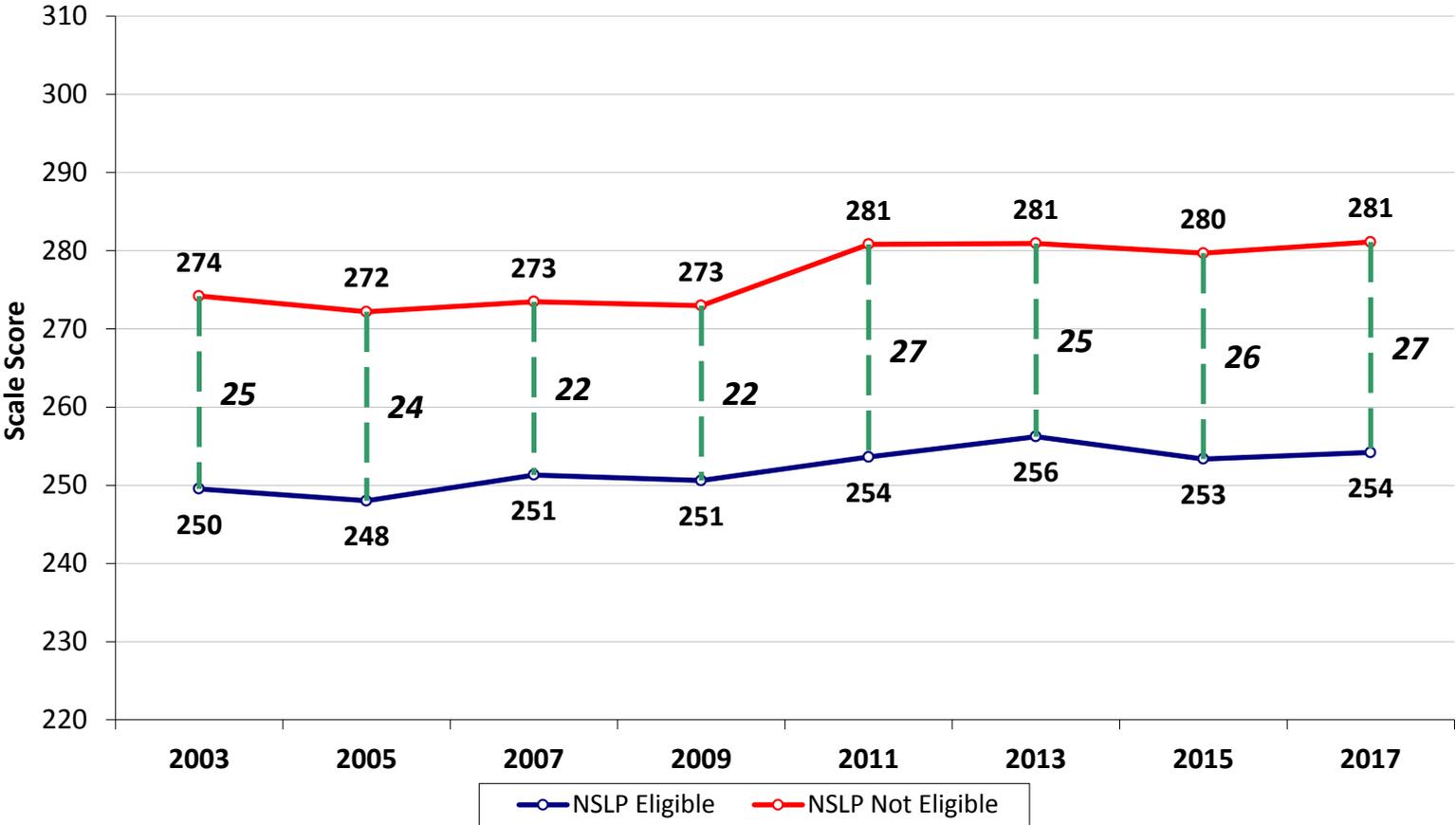
This is a comparison of Colorado 8th grade student subgroups using the average scale scores on the NAEP Reading assessment extending back to 2003. The red line represents white student 8th grade average scale scores while the blue line represents Hispanic student 8th grade average scale scores. The dotted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

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



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

NAEP Reading Grade 8 – National School Lunch Program Eligibility Gap - Average Scale Score: 2003-2017



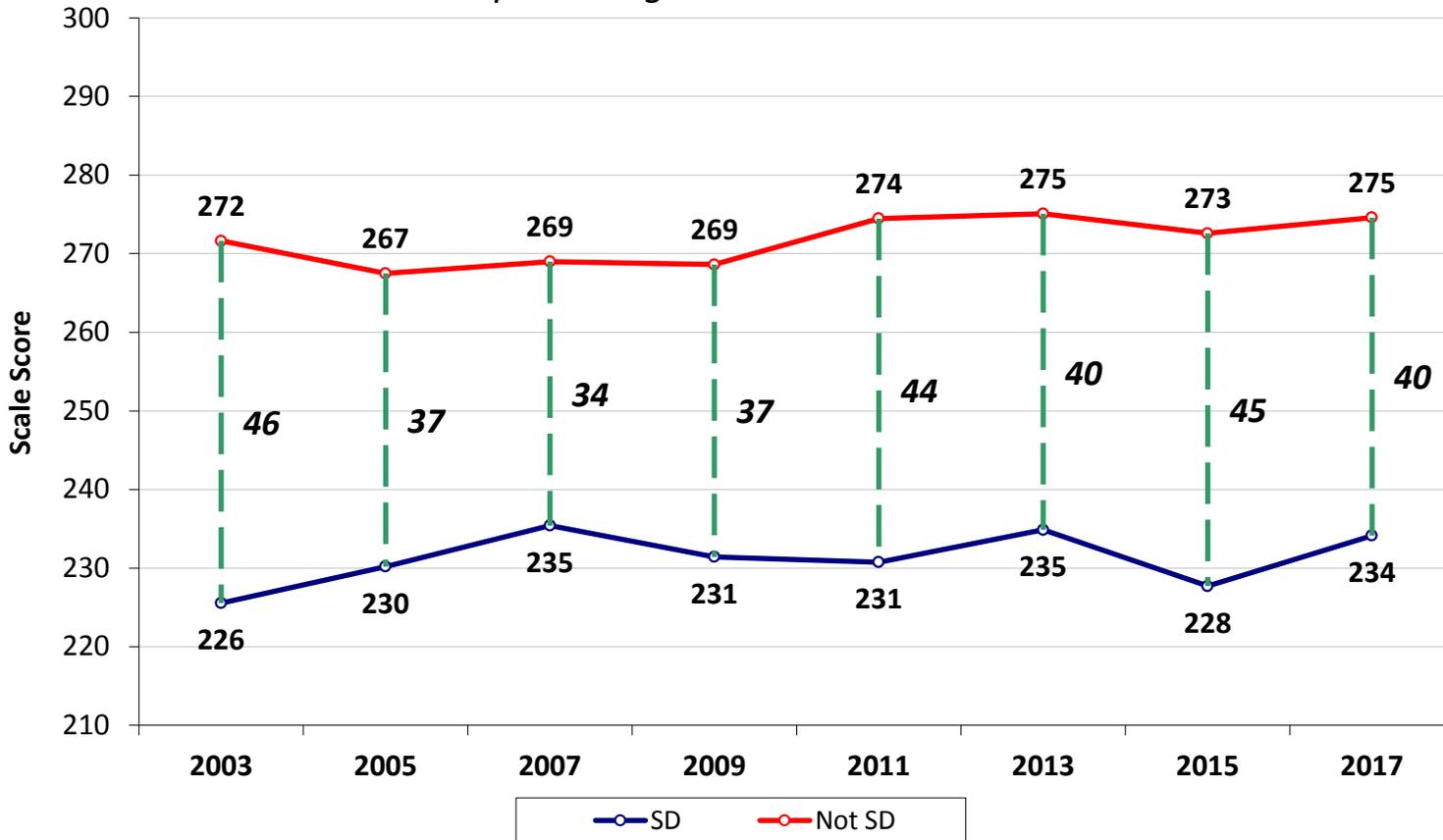
This is a comparison of Colorado 8th grade student subgroups using the average scale scores on the NAEP Reading assessment extending back to 2003. The red line represents 8th grade average scale scores of students not eligible for free and reduced lunch while the blue line represents 8th grade average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

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



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

NAEP Reading Grade 8 – Students with Disabilities Gap - Average Scale Score: 2003-2017



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

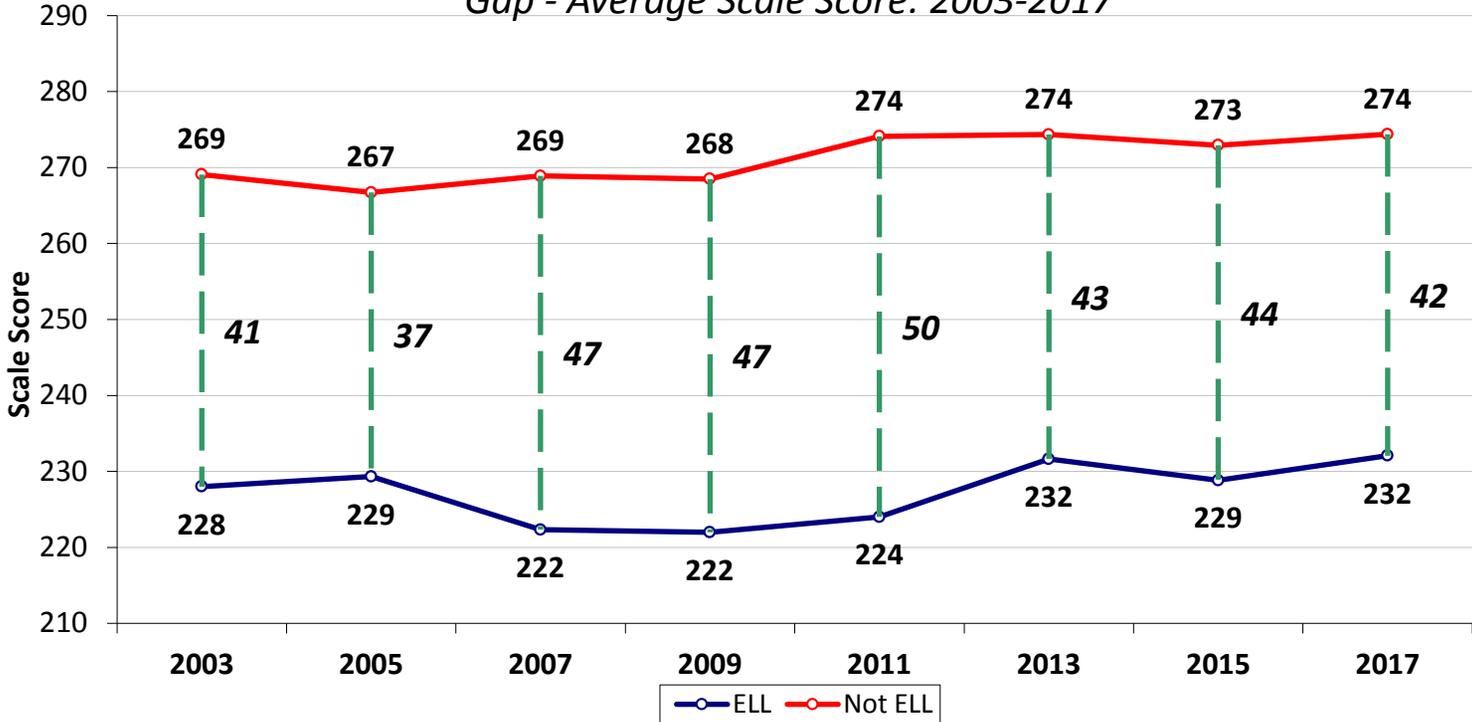
NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational



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

NAEP Reading Grade 8 – English Language Learners
Gap - Average Scale Score: 2003-2017



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

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

Where can I learn more?

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