



DISTRICT OF COLUMBIA
PUBLIC SCHOOLS

October 2022

2022 NAEP Results



About 2022 NAEP Results

- The 2022 NAEP assessments were administered digitally to a random sample of schools and students in DCPS in spring 2022. Because of its random sampling, national participation, and testing rigor, NAEP is considered the gold standard of standardized assessments in the US.
- On average, **nationwide reading scores declined in grades 4 and 8** compared to 2019.
- On average, **nationwide math scores declined in grades 4 and 8** compared to 2019.
 - In 2022, the nationwide average fourth-grade mathematics score decreased by 5 points and was lower than all previous assessment years going back to 2005.
 - The nationwide average eighth-grade mathematics score decreased by 8 points compared to 2019 and was lower than all previous assessment years going back to 2003.

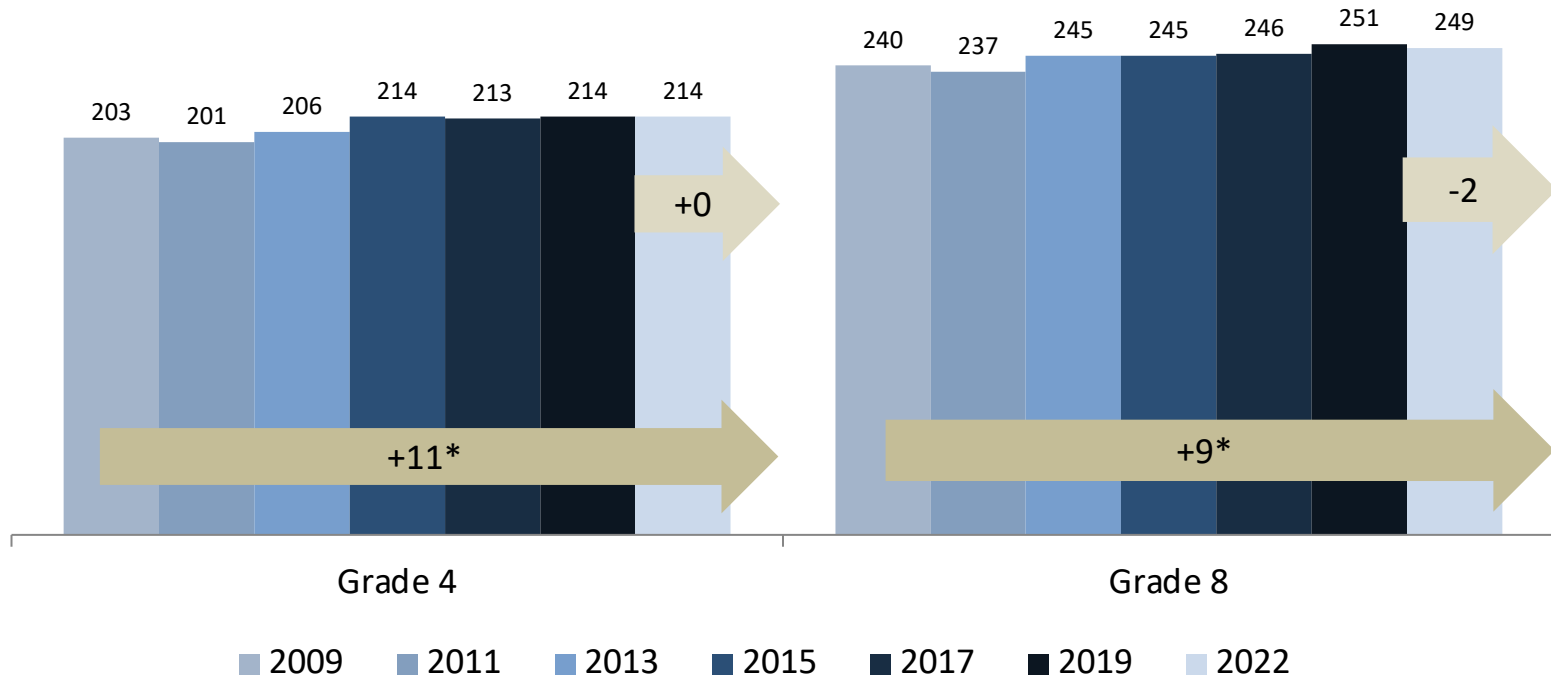
2022 NAEP Results Summary

- DC Public Schools had no statistically significant change* from 2019 in Grade 4 or Grade 8 Reading average scale score in 2022.
- DC Public Schools had statistically significant decreases from 2019 in Grade 4 and Grade 8 Math average scale scores.
- Large opportunity gaps persist among Black, Hispanic, and White students on all four assessments.
- Among TUDA districts, DCPS had one of the lowest declines since 2019 on Grade 4 Reading and one of the highest declines since 2019 on Grade 8 Math.

*A statistically significant difference, indicated throughout this slide deck by a *, is a difference that is unlikely to be due to random chance alone.

Since 2019, DCPS’s average NAEP Reading scale score has remained flat for Grade 4 and declined slightly (but not statistically significantly) for Grade 8.

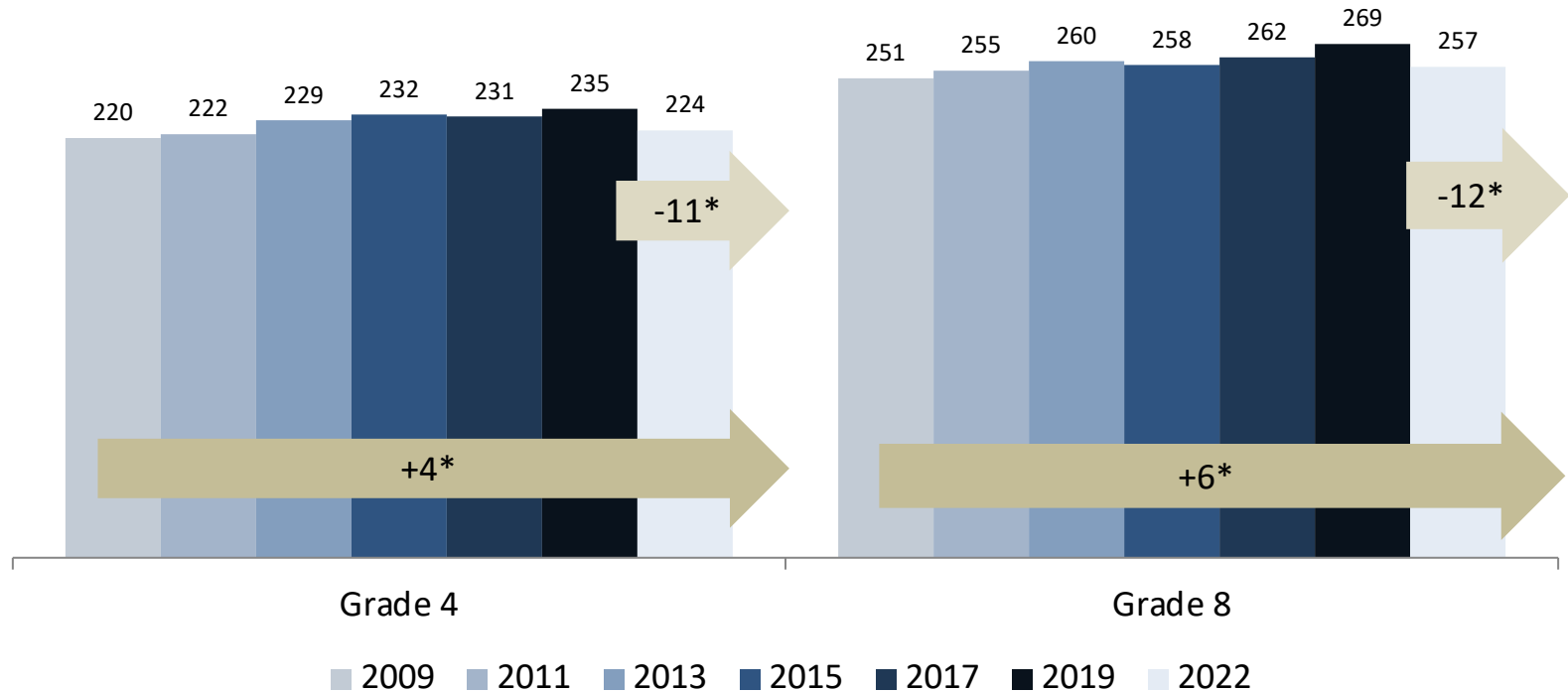
NAEP TUDA Reading Scale Score Trends - DCPS



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

DCPS NAEP Math scores were significantly lower in 2022 than in 2019 for grades 4 and 8.

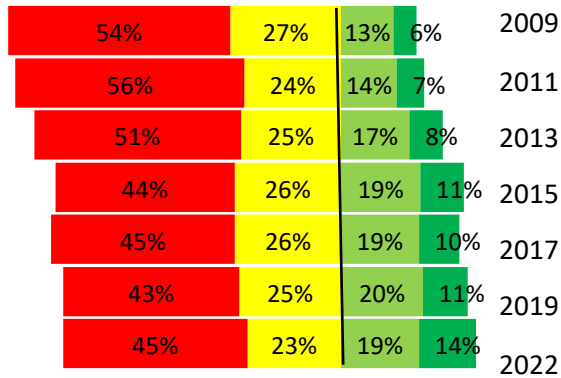
NAEP TUDA Math Scale Score Trends - DCPS



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

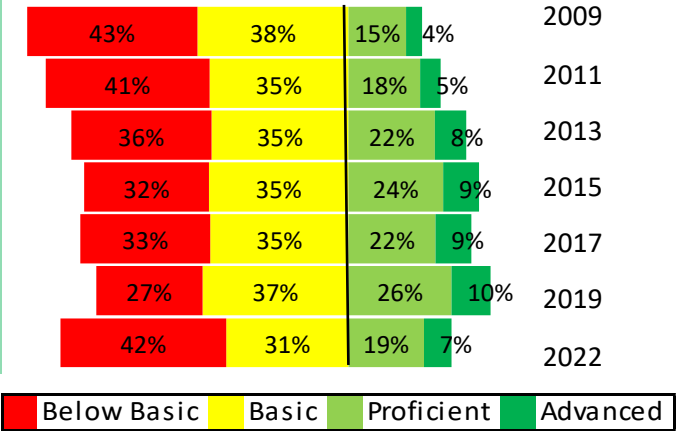
DCPS's percentage of students scoring proficient and advanced in both subject areas and grade levels, which had been steadily increasing through 2019, decreased for Grade 8 Reading and Grades 4 and 8 Math, but not Grade 4 Reading.

DCPS Grade 4 NAEP Reading Proficiency
2009-2022

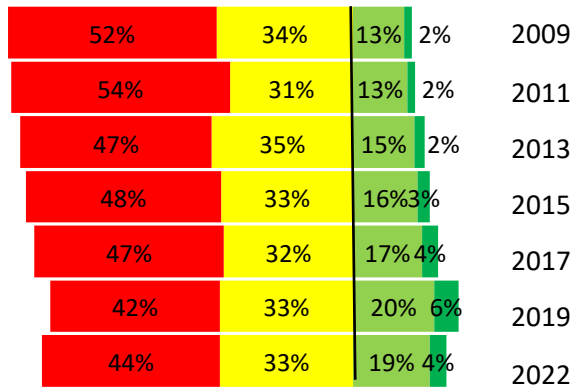


The exception was **fourth grade reading**, which had a higher percentage of students performing *Advanced* than in any previous year.

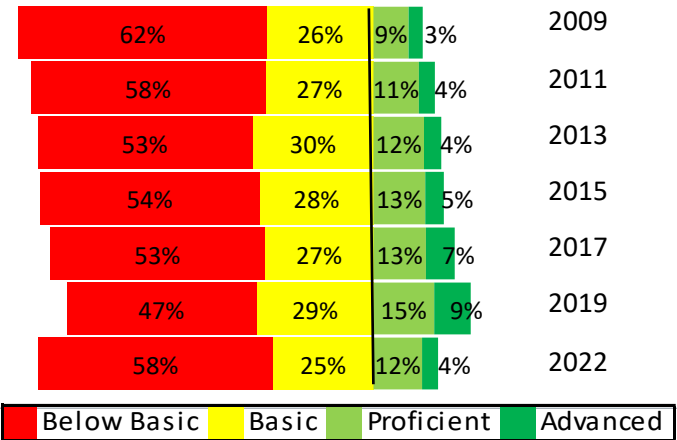
DCPS Grade 4 NAEP Math Proficiency
2009-2022



DCPS Grade 8 NAEP Reading Proficiency
2009-2022



DCPS Grade 8 NAEP Math Proficiency
2009-2022



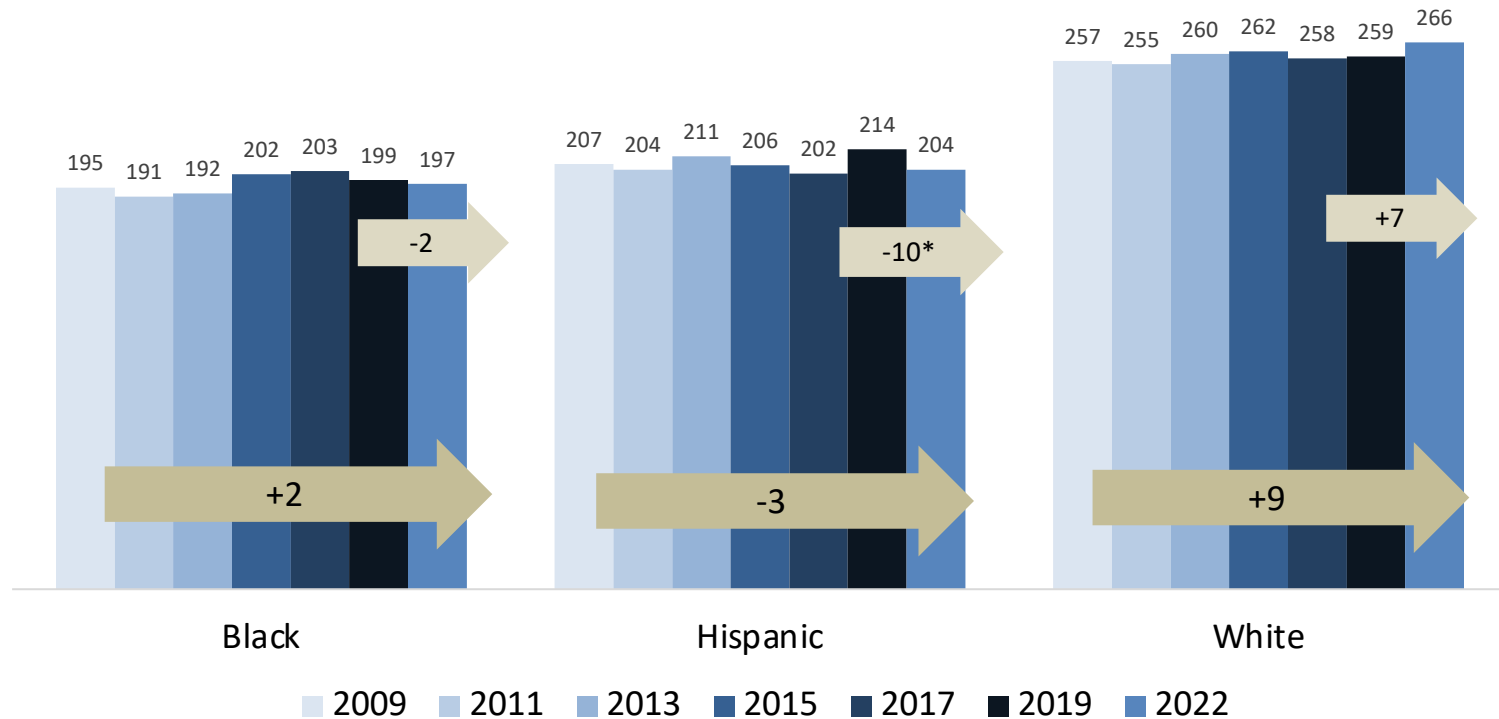
2022 Council of Great City Schools DCPS Statement

“The NAEP data, collected at the peak of the COVID-19 Omicron variant wave, reflect the significant impact that the pandemic had in our Great Cities. The data underscore the challenges facing students in the aftermath of the pandemic. Notably, in reading at grades 4 and 8, DC was able to maintain pre-pandemic scores, and are also higher or not different from a majority of urban school district peers. Sustaining achievement in any grade or subject in the face of a global crisis is no easy feat and is a testament to the district’s academic continuity planning during the crisis, as well as their proactive recovery efforts when schools reopened. The changes in the District of Columbia’s mathematics scores are consistent with the nation and other large cities across the country.”

Subgroup Results

Grade 4 reading scores among Hispanic and Black students have decreased since 2019; White students made gains from 2019.

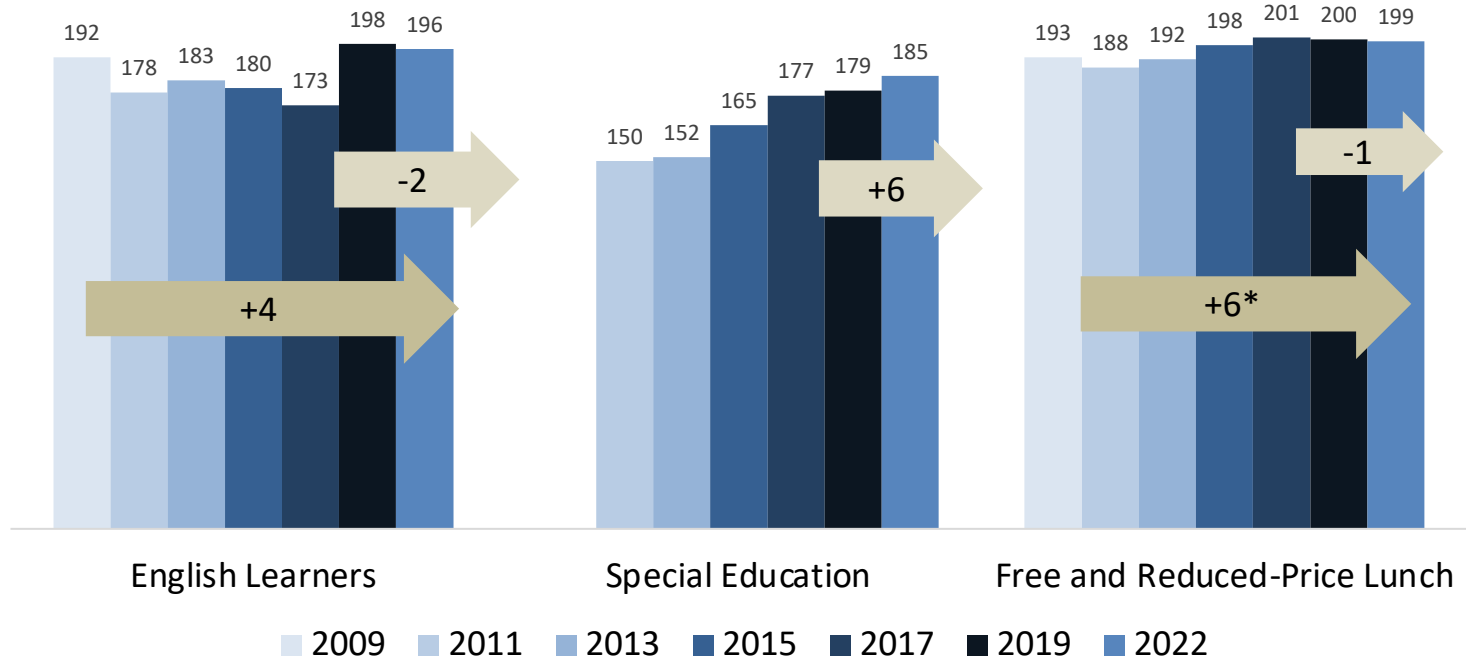
Reading Grade 4 – 2009-2022 by Race



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

Grade 4 reading scores among Special Education students have increased from 2019; English Learners and FRL students saw a slight drop from 2019.

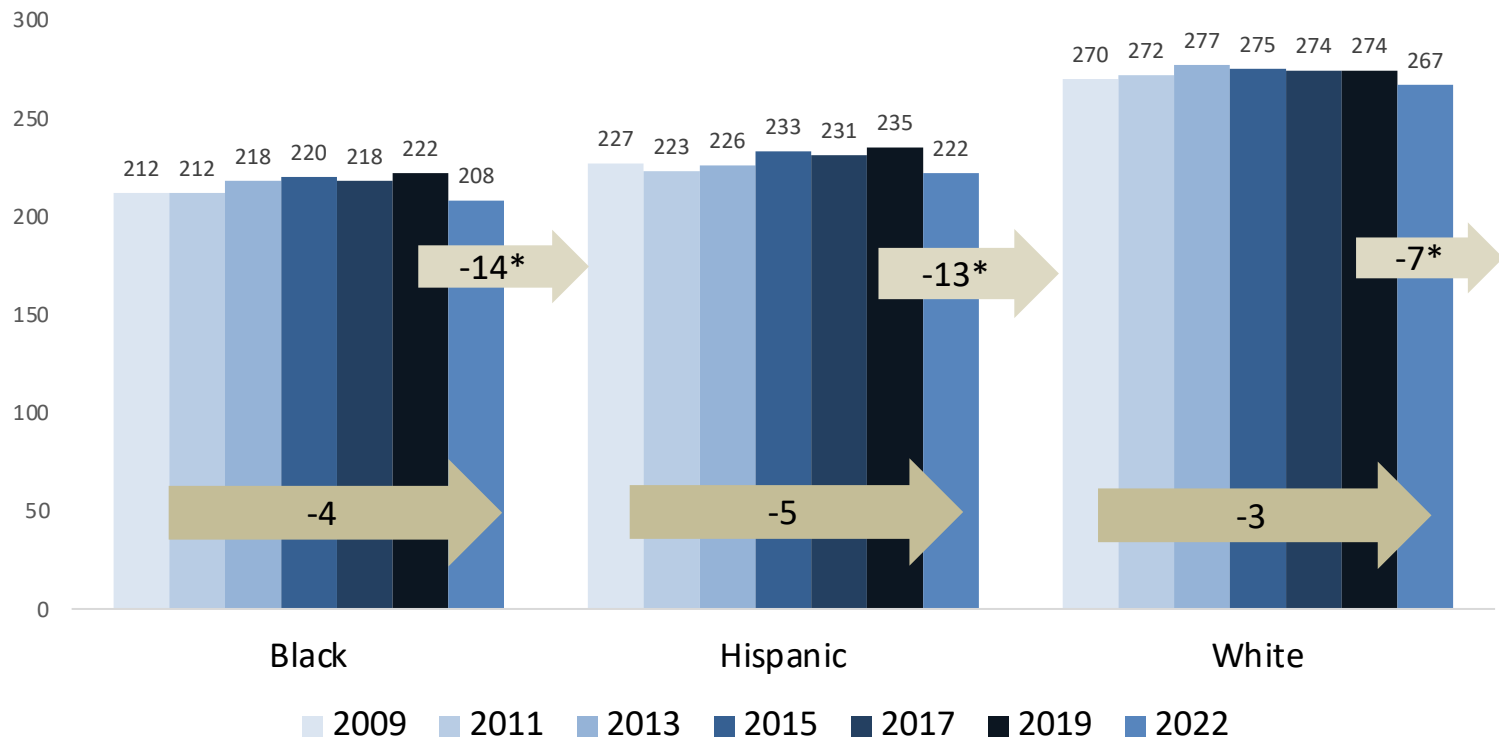
Reading Grade 4- 2009 - 2022 by Subgroup



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

Grade 4 math scores among students of all races have significantly decreased since 2019.

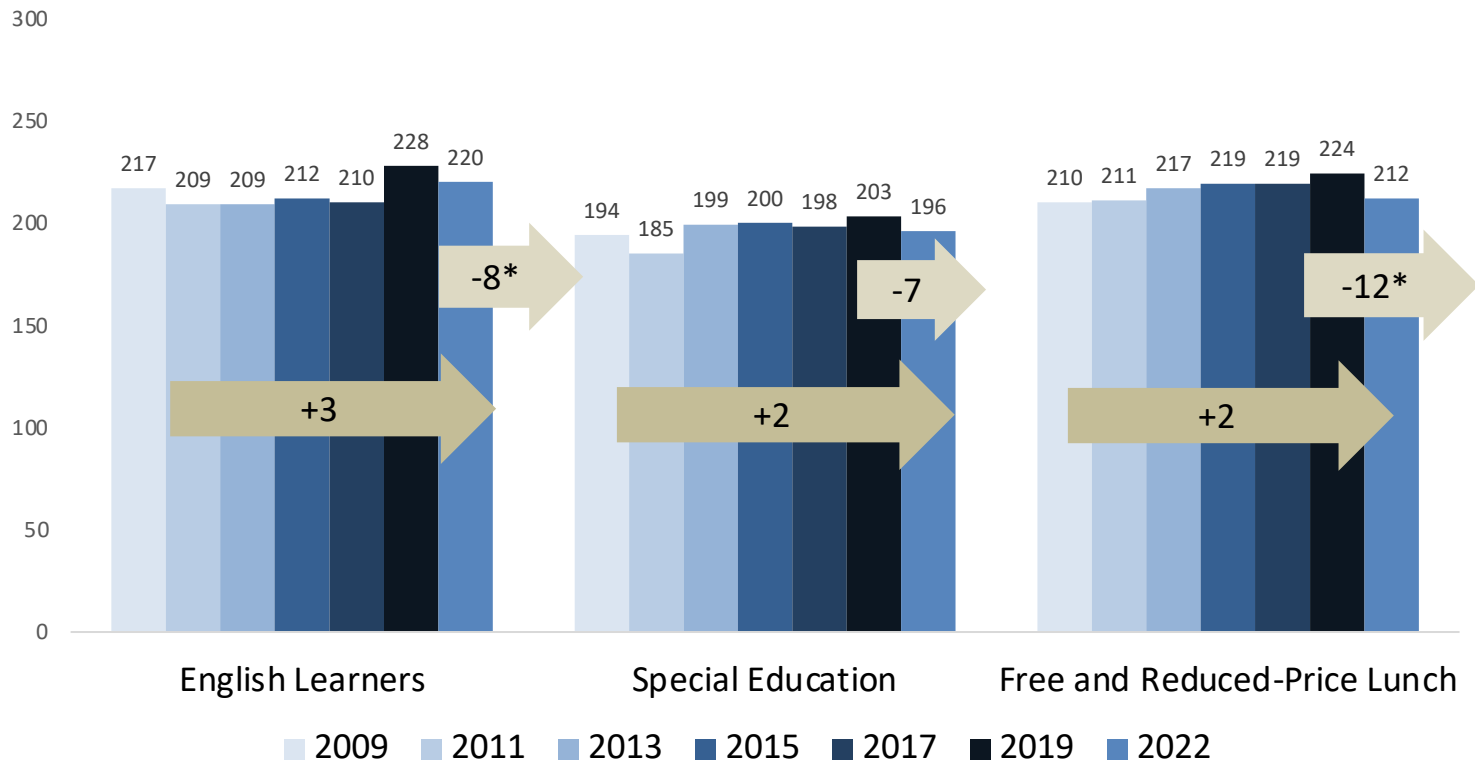
Math Grade 4 - 2009 - 2022 by Race



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

Grade 4 math scores among English learners, special education students, and FRL students have decreased since 2019.

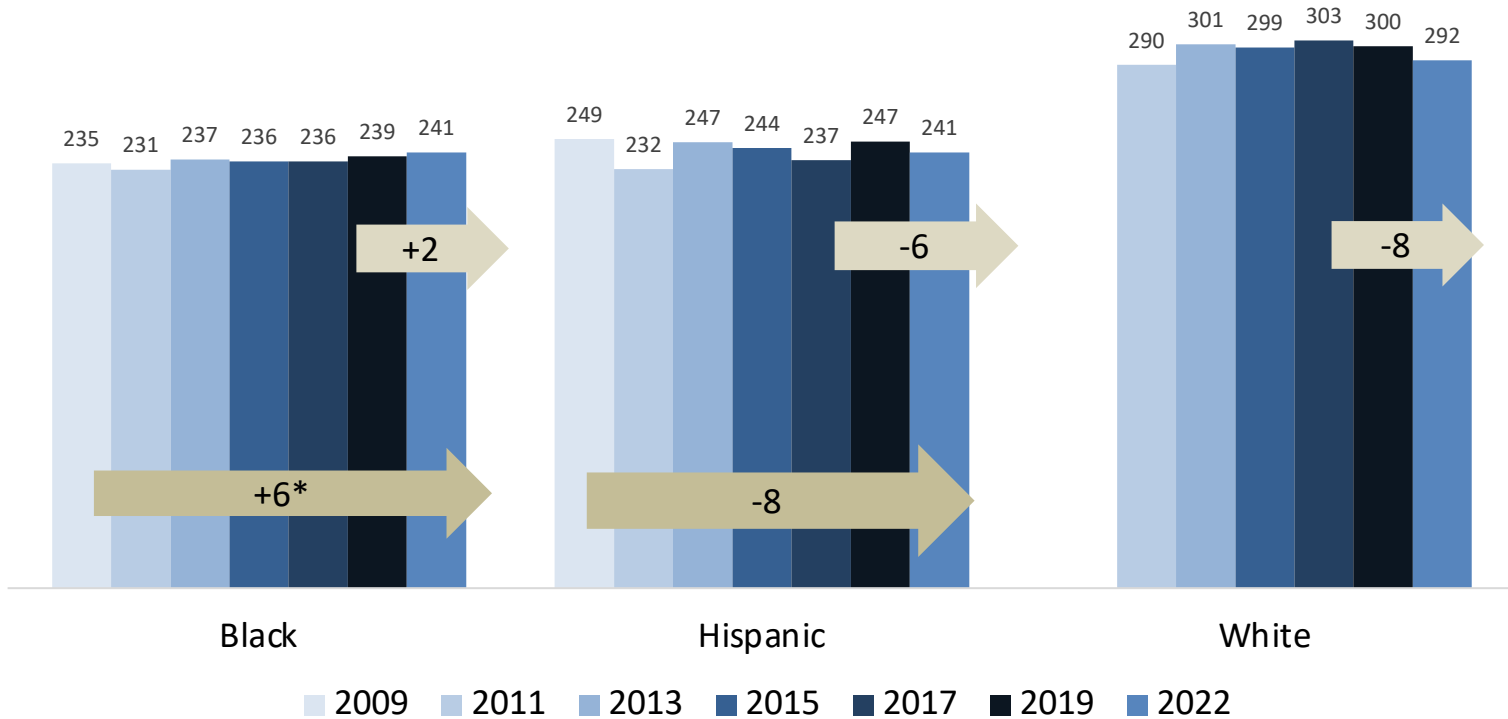
Math Grade 4 - 2009 - 2022 by Subgroup



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

Grade 8 reading scores among Black students have increased since 2019; White and Hispanic students' scores decreased from 2019.

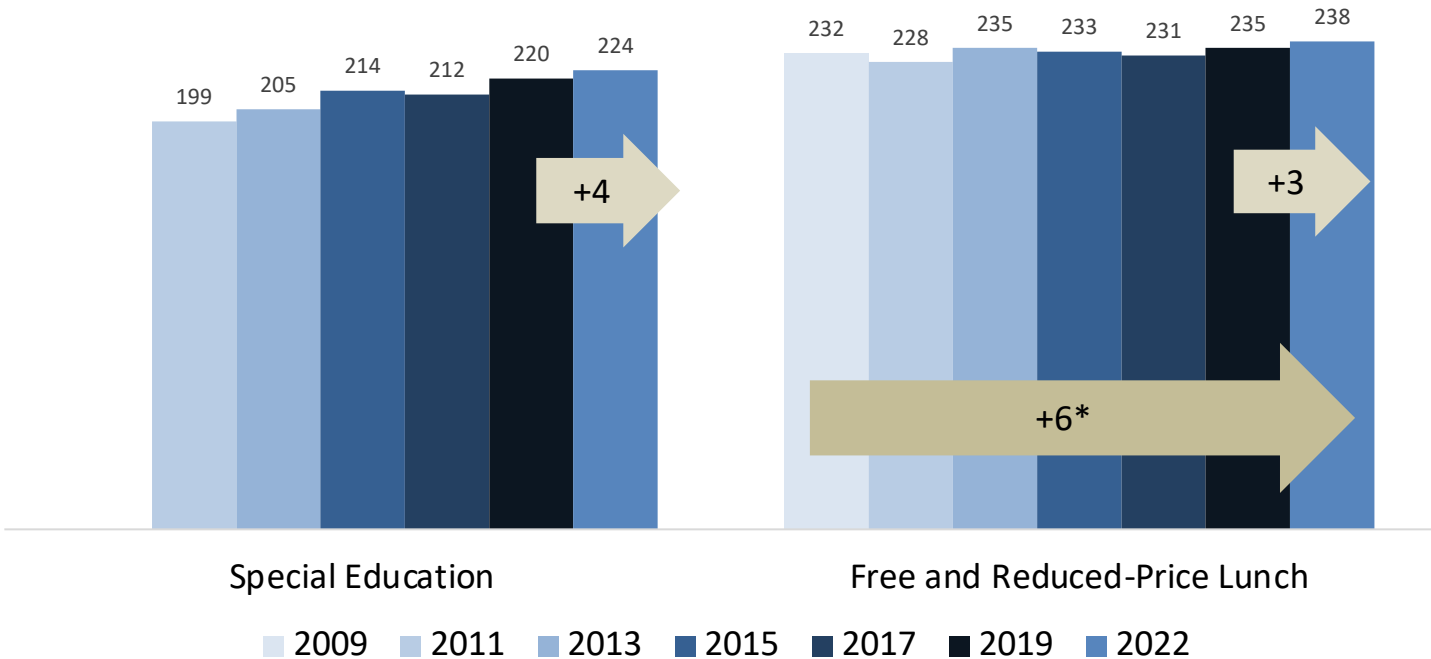
Reading Grade 8- 2009 - 2022 by Race



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

Grade 8 reading scores among Special Education and FRL students have increased since 2019.

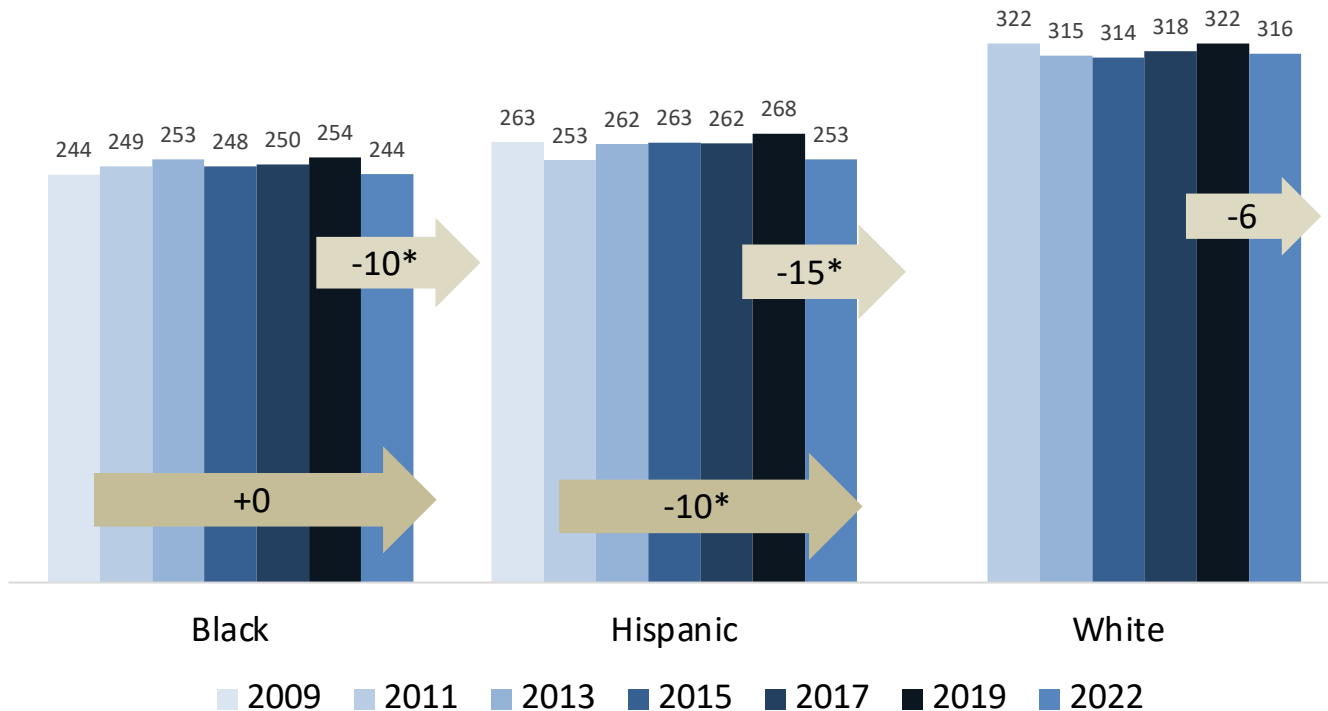
Reading Grade 8- 2009 - 2022 by Subgroup



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)
 English learners did not meet the minimum sample size for results reporting.

Grade 8 math scores among Black and Hispanic students have significantly decreased since 2019.

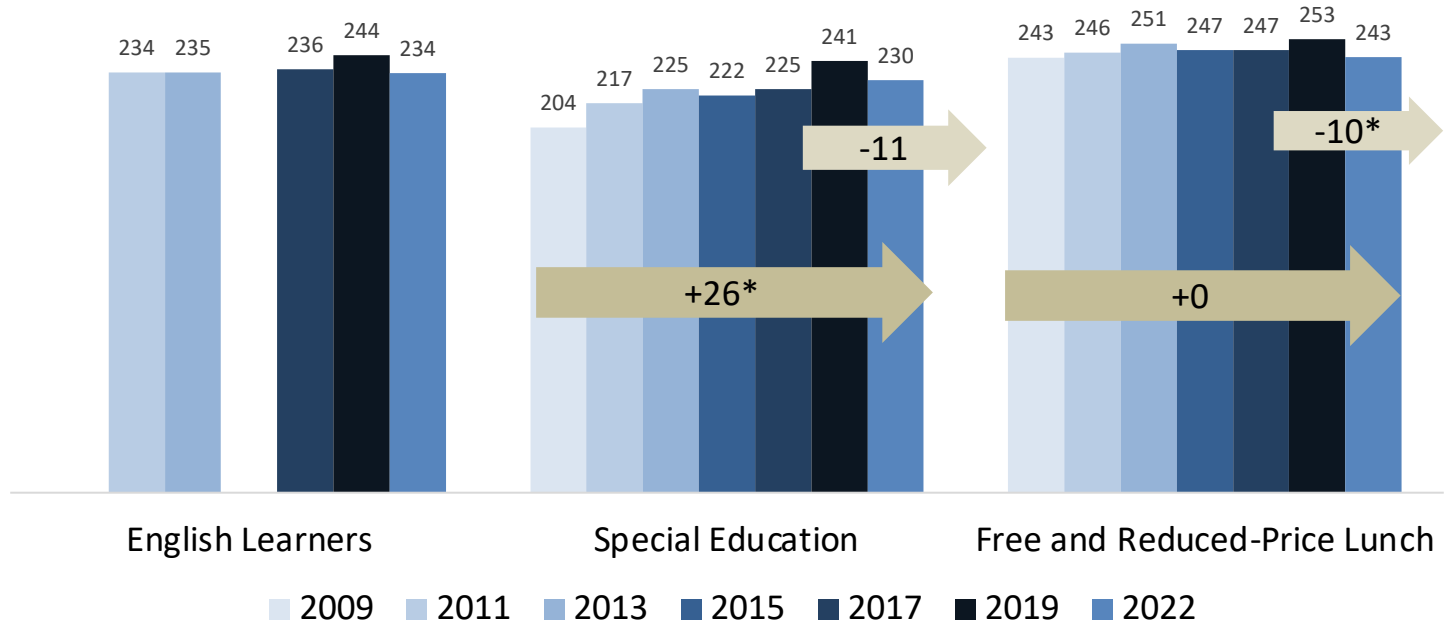
Math Grade 8 - 2009 - 2022 by Race



*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

Grade 8 math scores among special education and FRL students have decreased since 2019.

Math Grade 8 - 2009 - 2022 by Subgroup

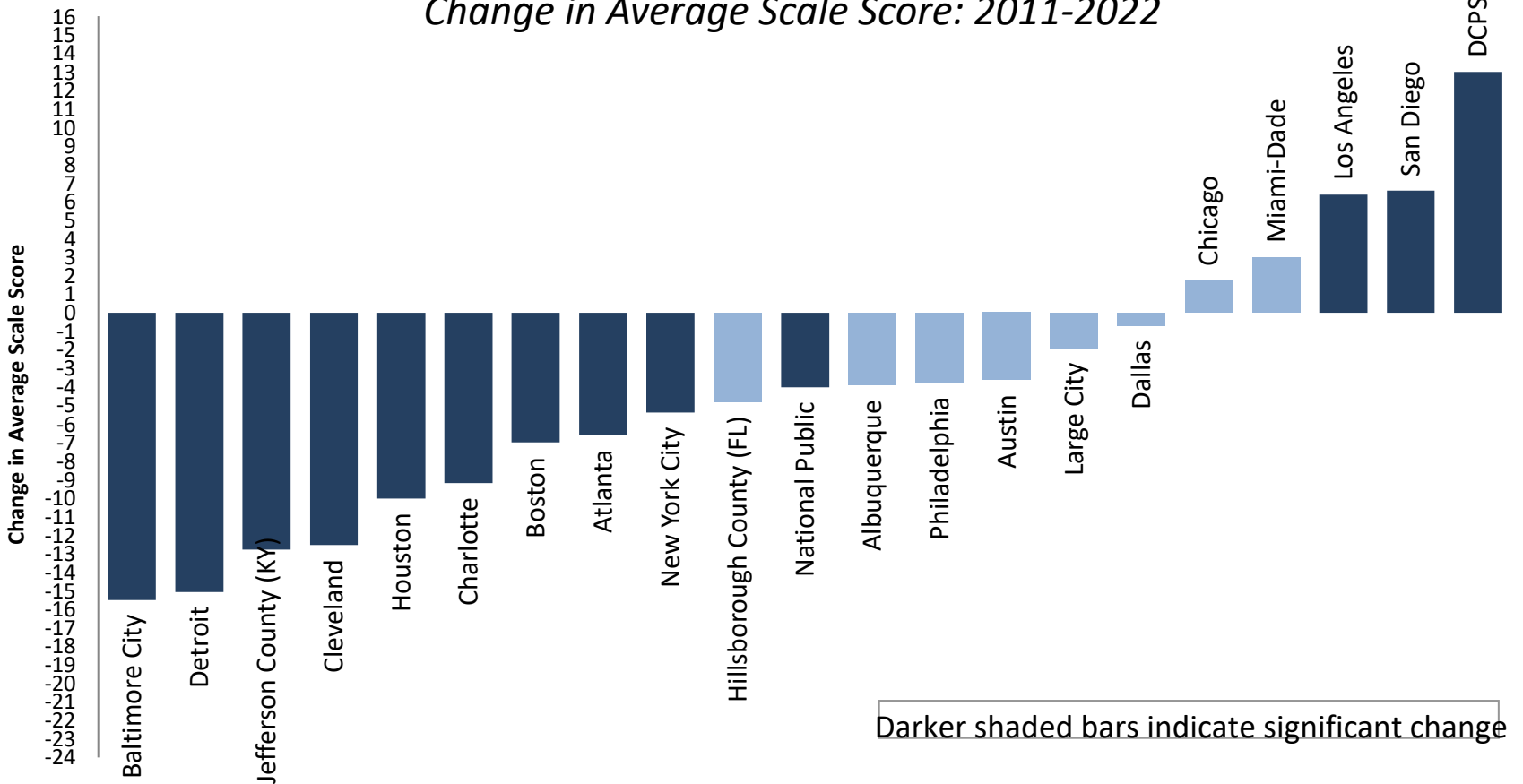


*Statistically significant ($p < .05$; for more information: <https://www.nationsreportcard.gov/ndecore/help#sec46>)

Results Across Trial Urban District Assessment (TUDA) Districts

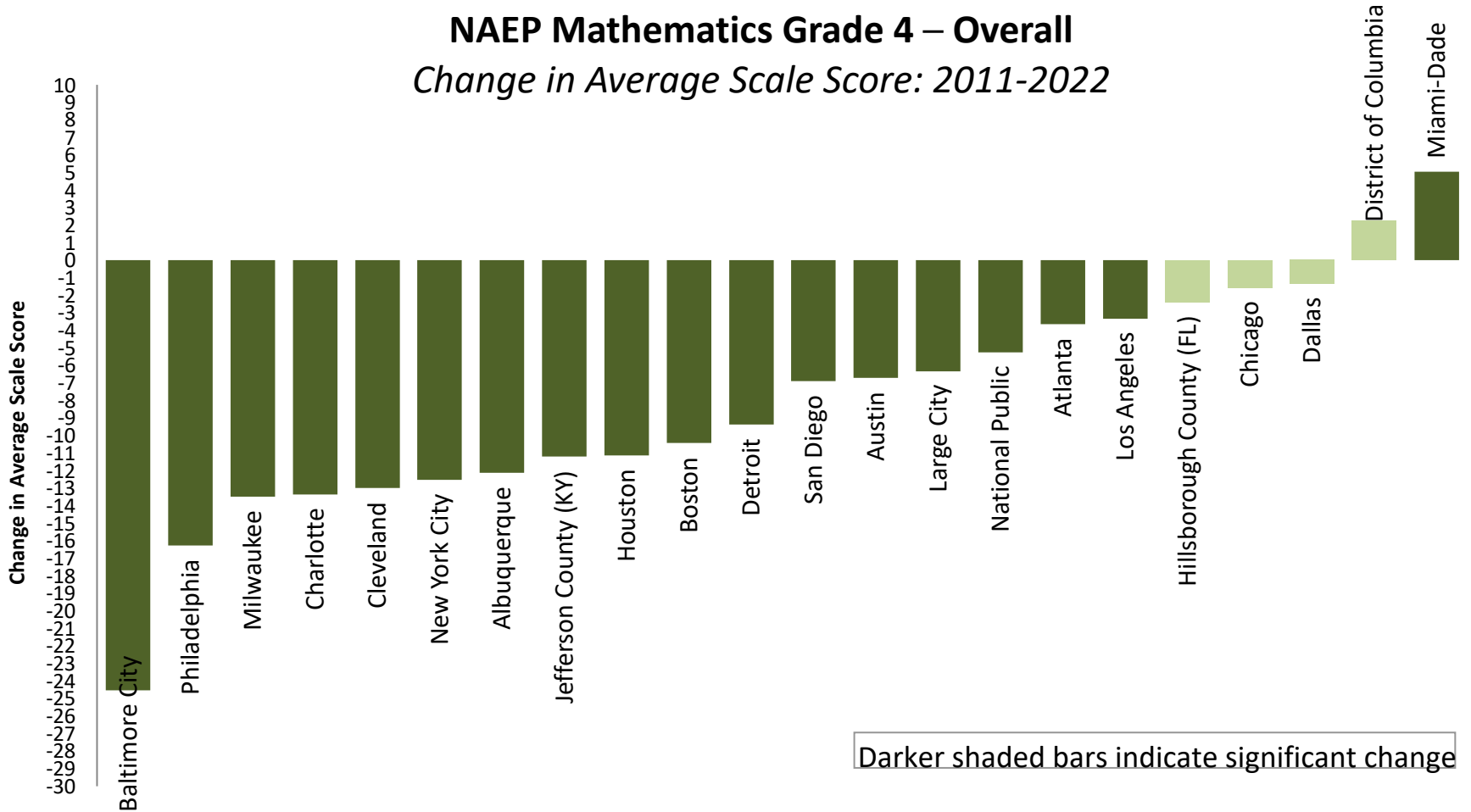
DCPS has made the largest gains since 2011 in Grade 4 reading.

NAEP Reading Grade 4 – Overall
Change in Average Scale Score: 2011-2022



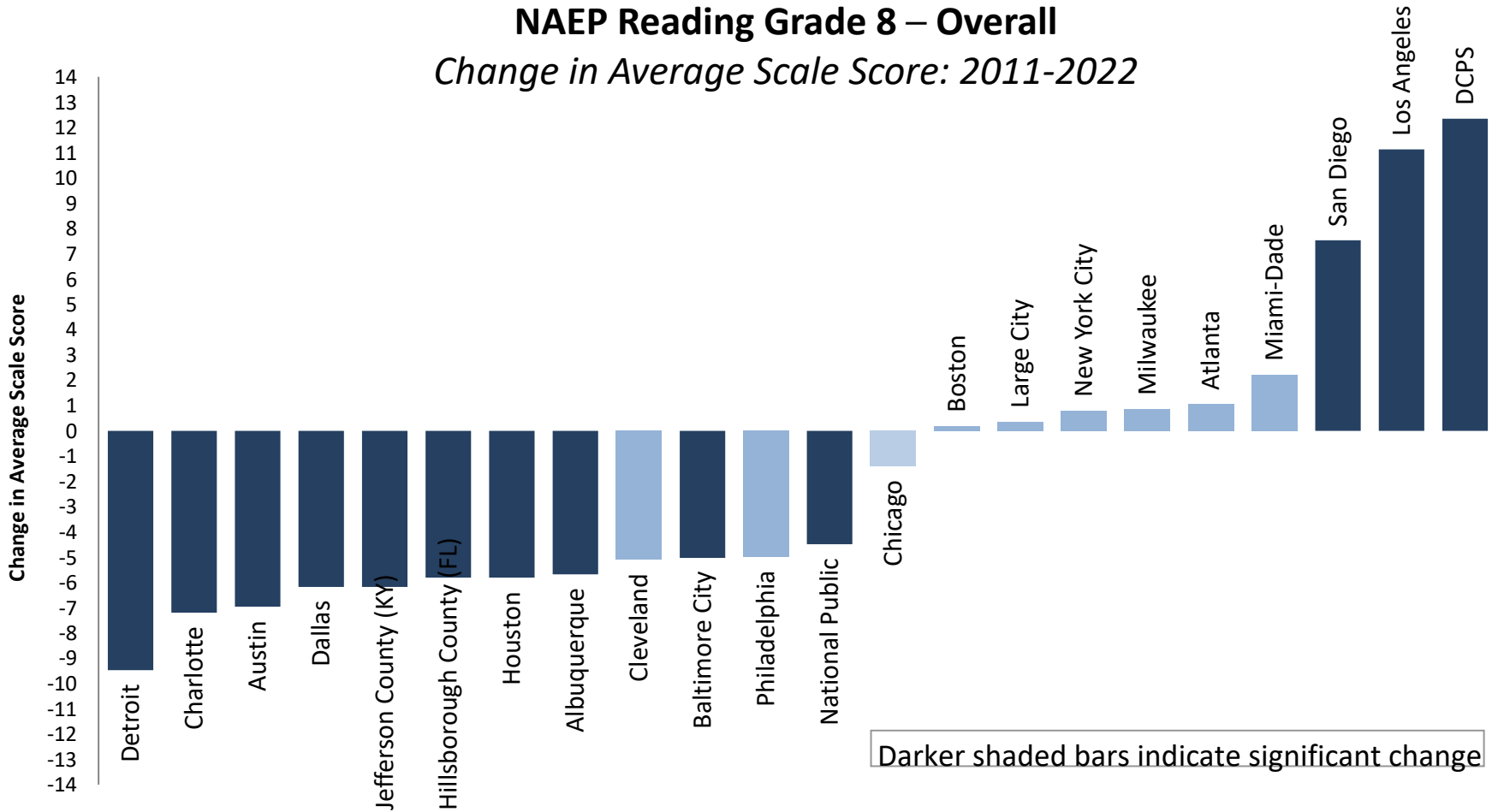
DCPS has made the second largest gains since 2011 in Grade 4 math.

NAEP Mathematics Grade 4 – Overall
Change in Average Scale Score: 2011-2022



DCPS has made the largest gains since 2011 in Grade 8 reading.

NAEP Reading Grade 8 – Overall
Change in Average Scale Score: 2011-2022



Since 2011, DCPS has made the third largest gains in Grade 8 math.

