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CONNECTICUT
Education

2024-2025

Connecticut NAEP 2024 Math and Reading Results

January 29, 2025

Connecticut State
Department of Education



NAEP Background

- The **National Assessment of Educational Progress (NAEP)**, a program of the U.S. Department of Education, is the largest nationally representative assessment of what American students know and are able to do in a variety of subjects.
- The results from NAEP, often called “**The Nation’s Report Card**,” report the educational progress of students across the nation and allow states to compare the performance of their students to the performance of students in other states throughout the country.
- Since NAEP selects a representative sample of students to be assessed rather than testing all students, NAEP does not report results for individual districts, schools, or students. However, NAEP reports do provide extensive details around the performance of student groups in every state over time, as well as achievement differences between groups.



Connecticut NAEP 2024 Performance in Math and Reading

- Achievement results for students in Grades 4 and 8 in mathematics and reading showed no change when compared to performance in 2022.
- Connecticut Grade 4 and 8 students earned higher scores in reading than their peers across the nation.
- Connecticut Grade 4 student performance in mathematics is not different than the national average.
- Connecticut Grade 8 mathematics scores exceeded the average score of their peers nationally.



National Results: Summary of Changes from 2022 to 2024

MATHEMATICS

- **National Public Schools:** The average scale score in Grade 4 increased while Grade 8 showed no change.
- **Connecticut:** The average scale score in Grades 4 and 8 remained the same.

READING

- **National Public Schools:** The average scale score in Grades 4 and 8 declined.
- **Connecticut:** The average scale scores in Grades 4 and 8 remained the same.

| | MATHEMATICS | | READING | |
|---|-------------|---------|---------|---------|
| | Grade 4 | Grade 8 | Grade 4 | Grade 8 |
| ↑ | 15 | 0 | 0 | 0 |
| ↓ | 1 | 4 | 5 | 8 |
| = | 37 | 49 | 47 | 44 |

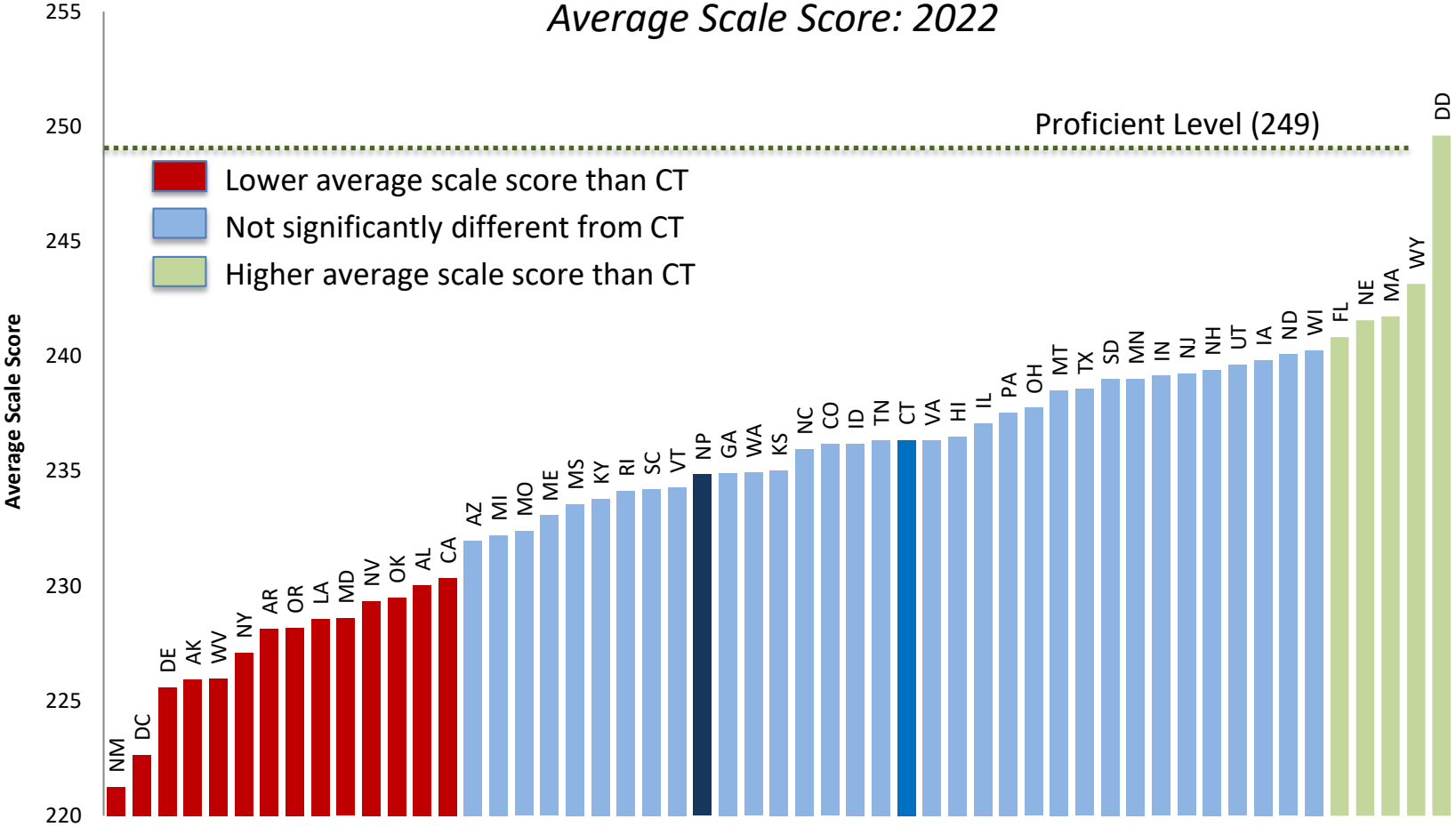
Jurisdiction count includes 50 states, District of Columbia, Department of Defense, and Puerto Rico for mathematics only.



Connecticut NAEP 2022 Performance Relative to Other States

NAEP Mathematics Grade 4 – Overall

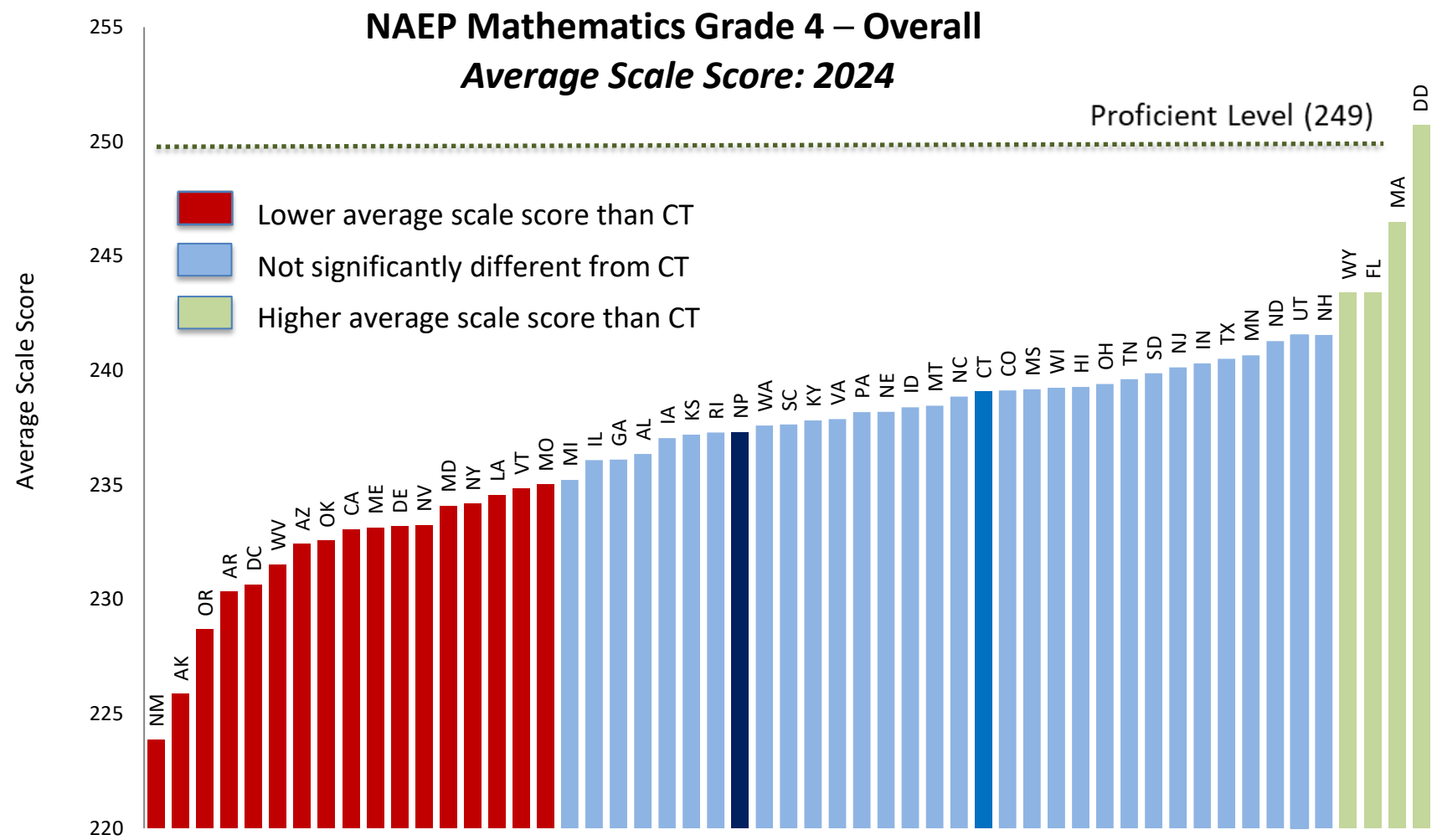
Average Scale Score: 2022



NOTE: The NAEP Grade 4 mathematics scale ranges from 0 to 500.

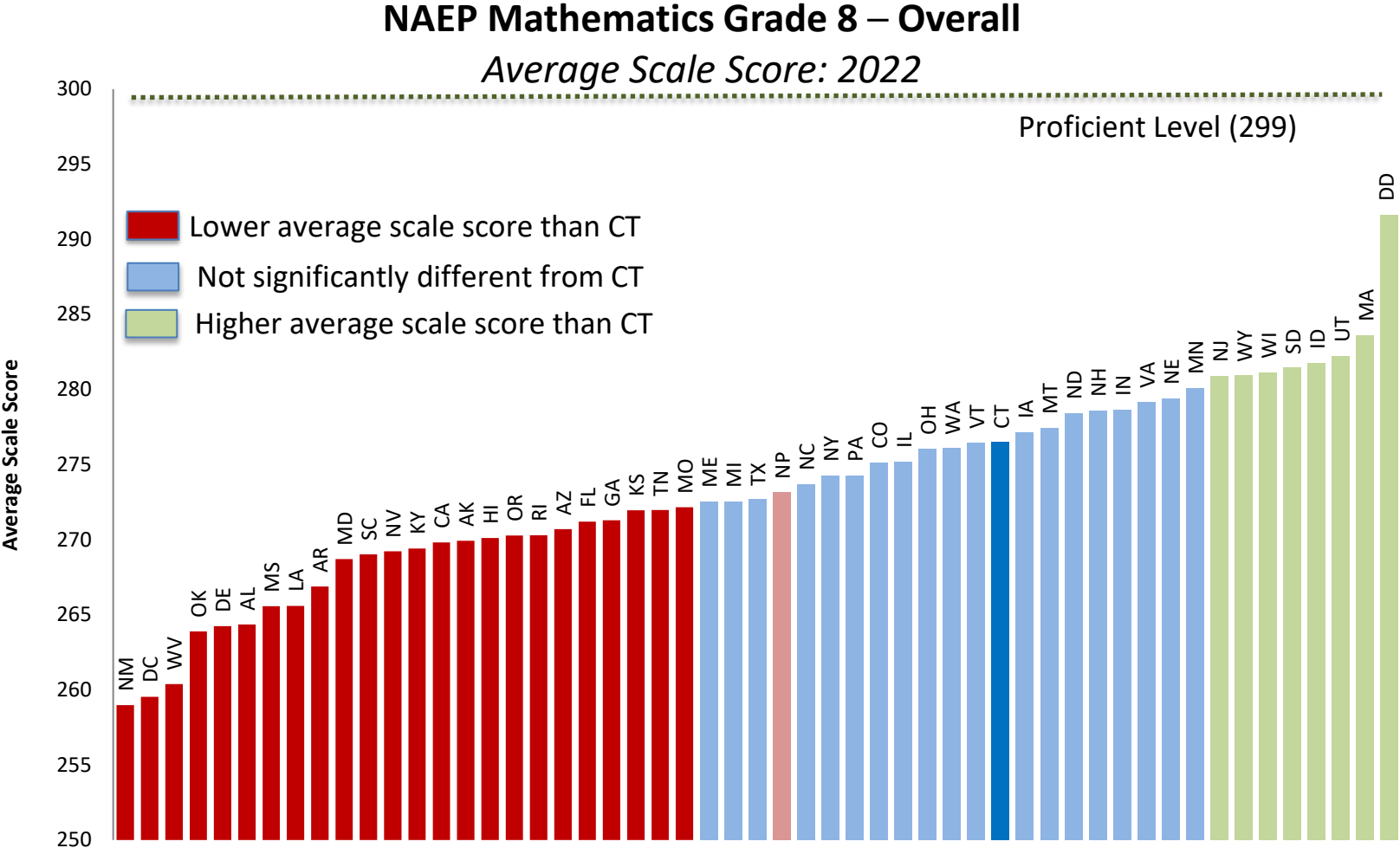


Connecticut NAEP 2024 Performance Relative to Other States



NOTE: The NAEP Grade 4 mathematics scale ranges from 0 to 500.

Connecticut NAEP 2022 Performance Relative to Other States

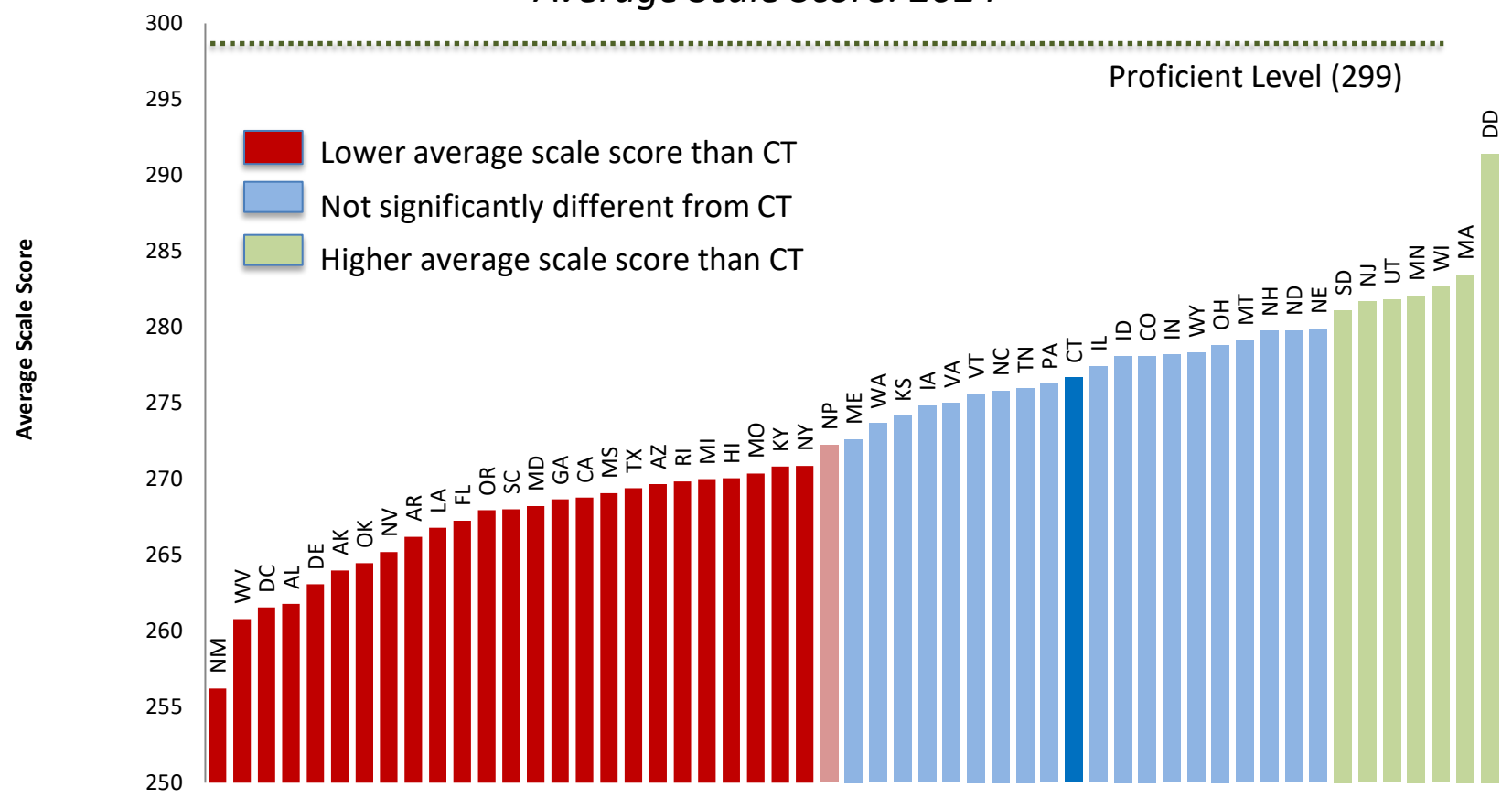


NOTE: The NAEP Grade 8 mathematics scale ranges from 0 to 500.



Connecticut NAEP 2024 Performance Relative to Other States

NAEP Mathematics Grade 8 – Overall Average Scale Score: 2024



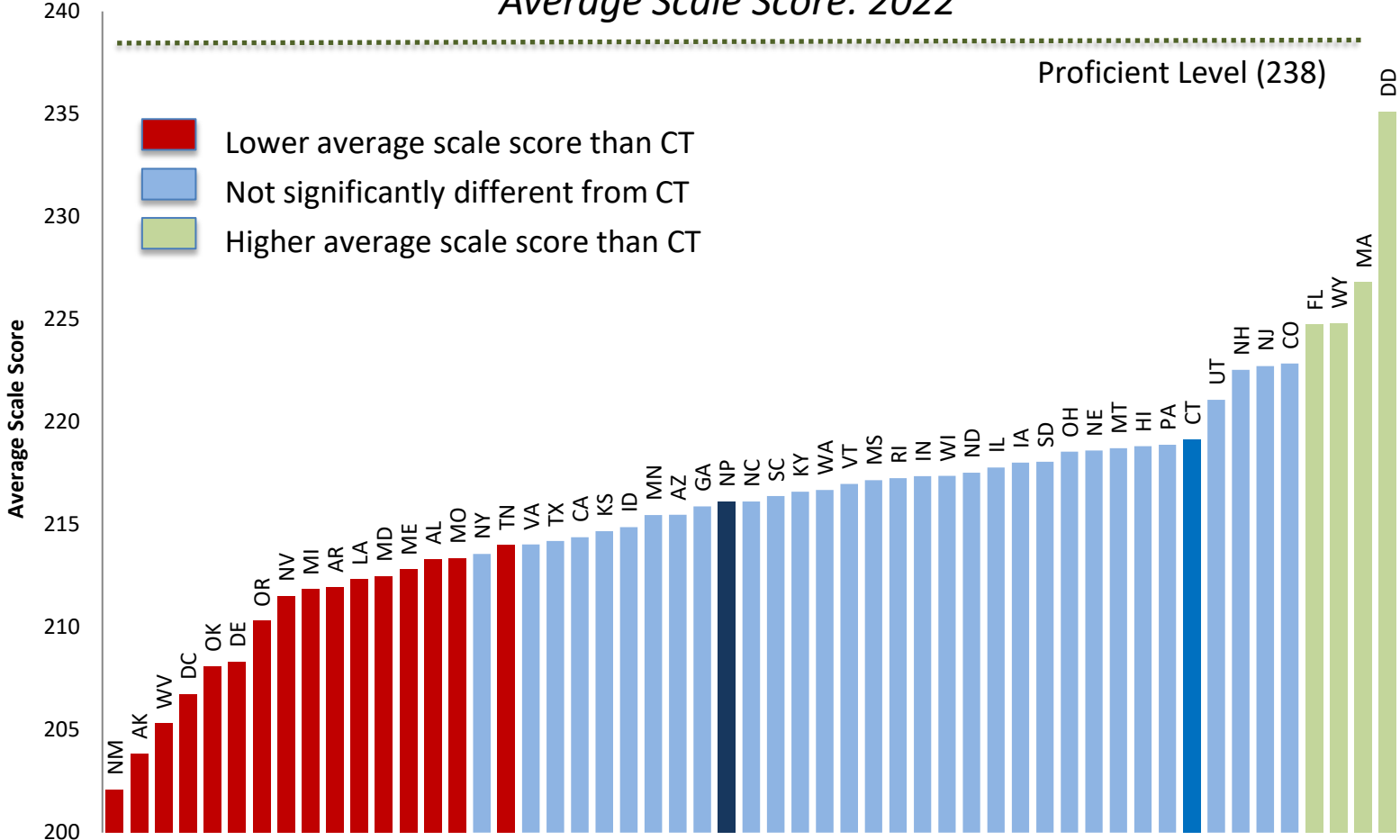
NOTE: The NAEP Grade 8 mathematics scale ranges from 0 to 500.



Connecticut NAEP 2022 Performance Relative to Other States

NAEP Reading Grade 4 – Overall

Average Scale Score: 2022



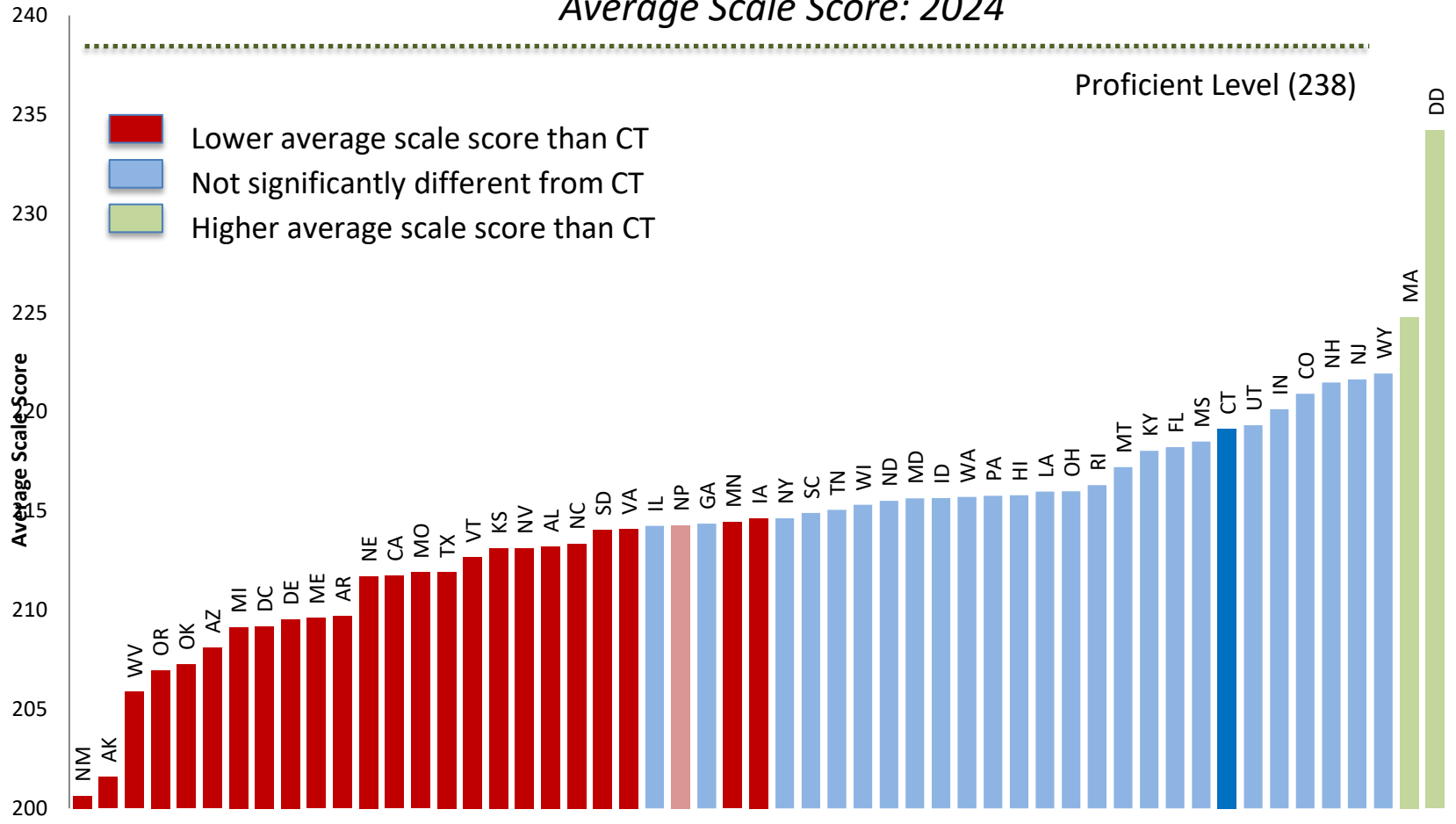
NOTE: The NAEP Grade 4 reading scale ranges from 0 to 500.



Connecticut NAEP 2024 Performance Relative to Other States

NAEP Reading Grade 4 – Overall

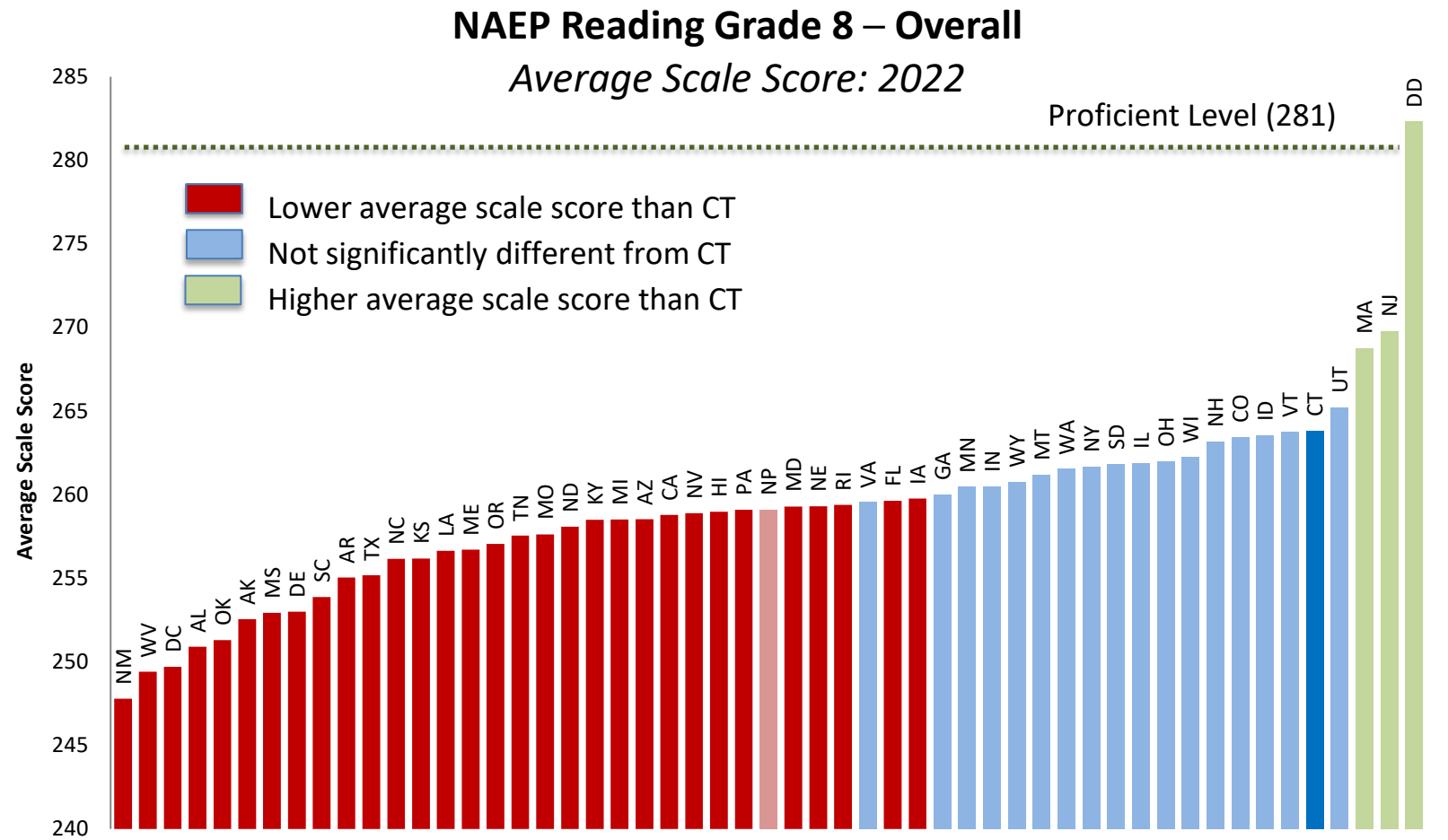
Average Scale Score: 2024



NOTE: The NAEP Grade 4 reading scale ranges from 0 to 500.



Connecticut NAEP 2022 Performance Relative to Other States



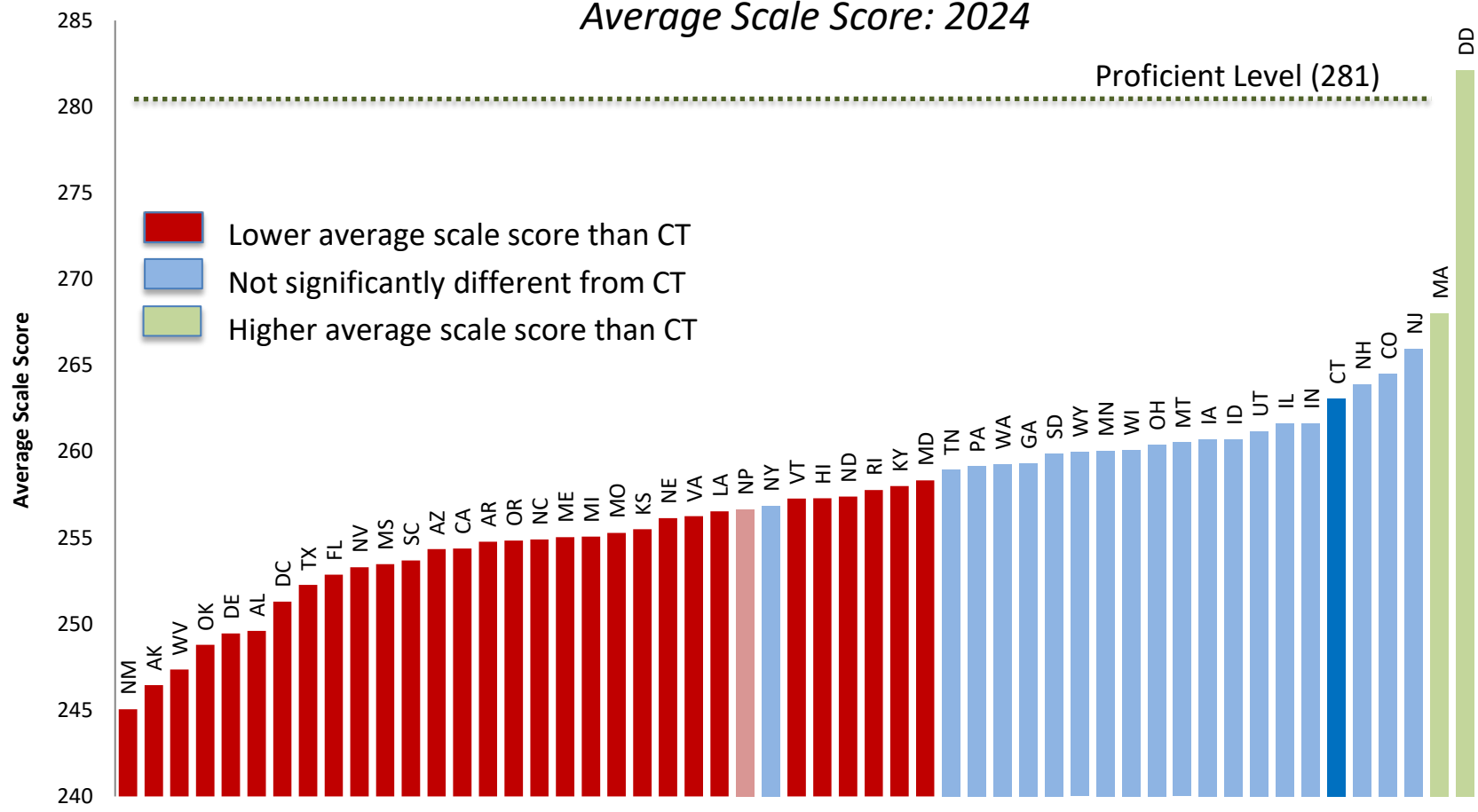
NOTE: The NAEP Grade 8 reading scale ranges from 0 to 500.



Connecticut NAEP 2024 Performance Relative to Other States

NAEP Reading Grade 8 – Overall

Average Scale Score: 2024



NOTE: The NAEP Grade 8 reading scale ranges from 0 to 500.

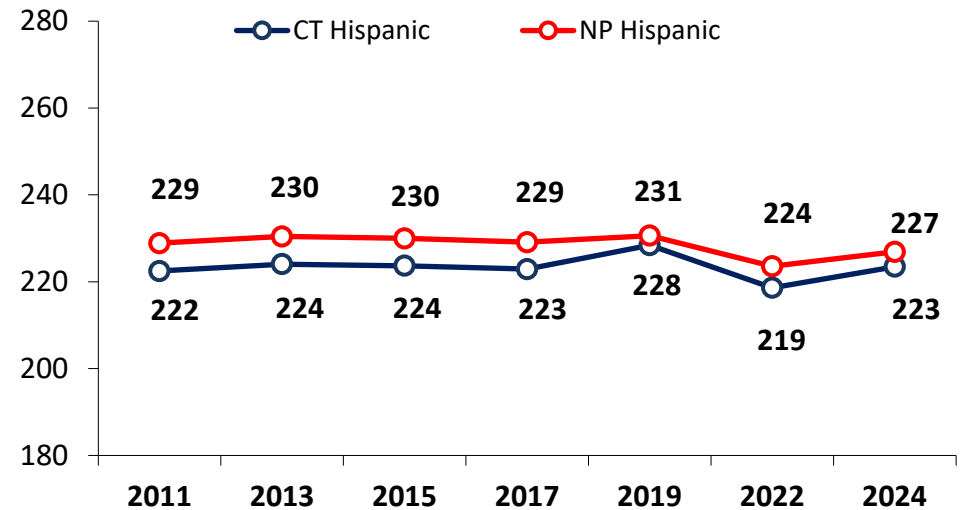
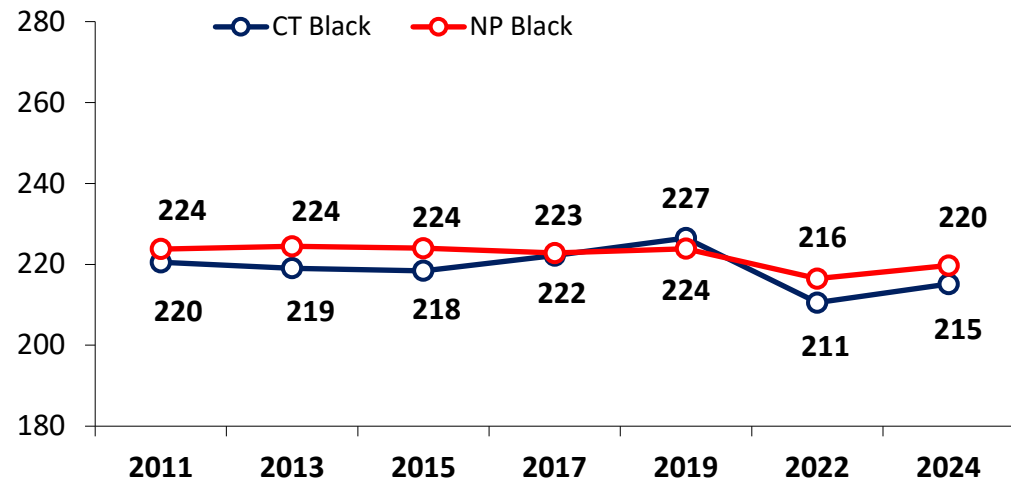
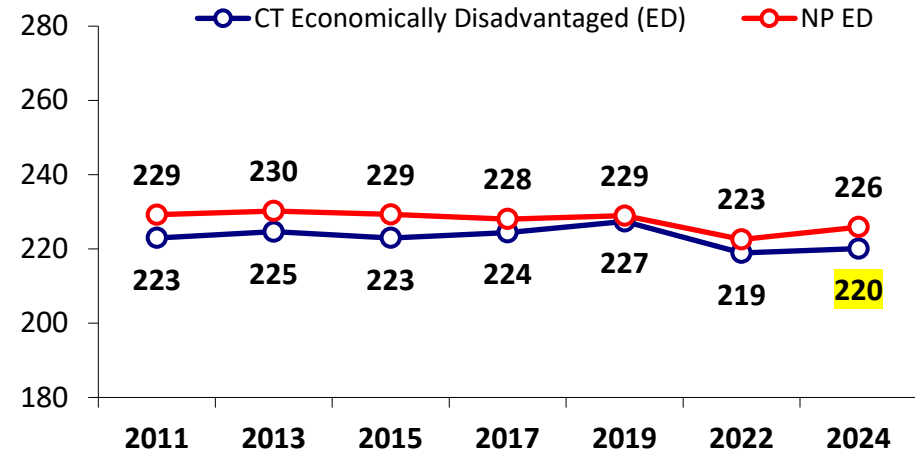
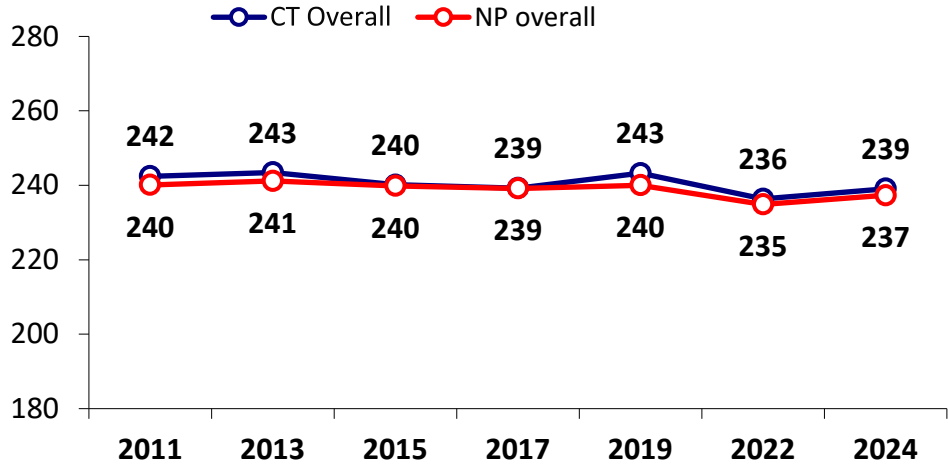
NAEP 2024 Mathematics Student Group Results: Comparison of CT to the Nation (NP)

| | Grade 4 | | | Grade 8 | | |
|--|------------|------------|--------------------|------------|------------|--------------------|
| | CT Avg. SS | NP Avg. SS | CT Compared to NP* | CT Avg. SS | NP Avg. SS | CT Compared to NP* |
| All | 239 | 237 | = | 277 | 272 | ↑ |
| Asian | 255 | 259 | = | 316 | 307 | = |
| Black | 215 | 220 | = | 256 | 251 | = |
| Hispanic | 223 | 227 | = | 255 | 257 | = |
| White | 253 | 247 | ↑ | 292 | 284 | ↑ |
| Economically Disadvantaged | 220 | 226 | ↓ | 254 | 257 | = |
| Students with Disabilities (IEP only) | 208 | 210 | = | 238 | 235 | = |
| Multilingual Learners | 207 | 216 | ↓ | 227 | 237 | ↓ |

* An arrow is used when the difference between the scores is statistically significant (see [explanation of statistical significance](#) and why it is used in NAEP reporting).

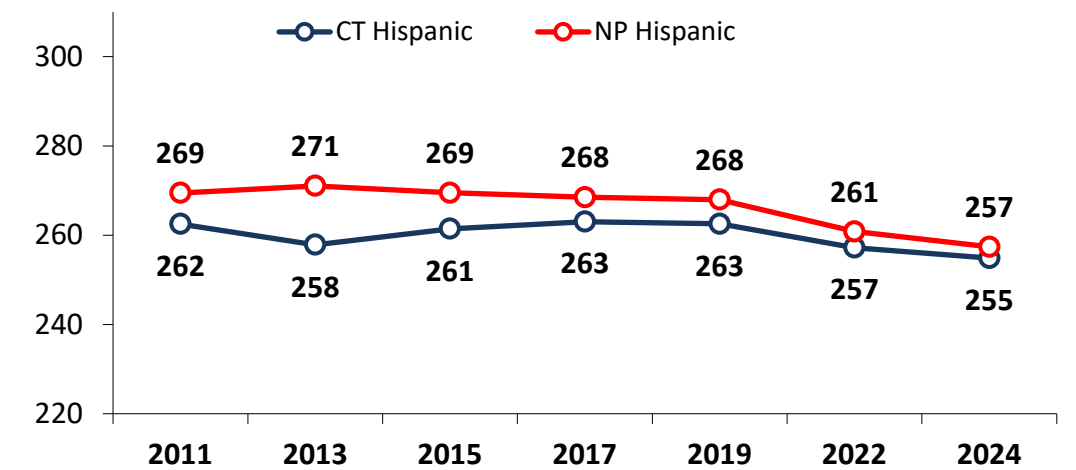
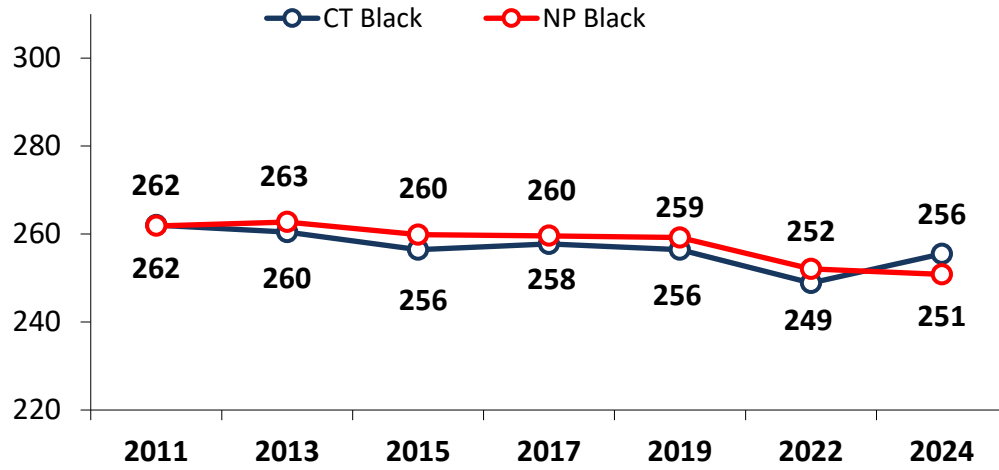
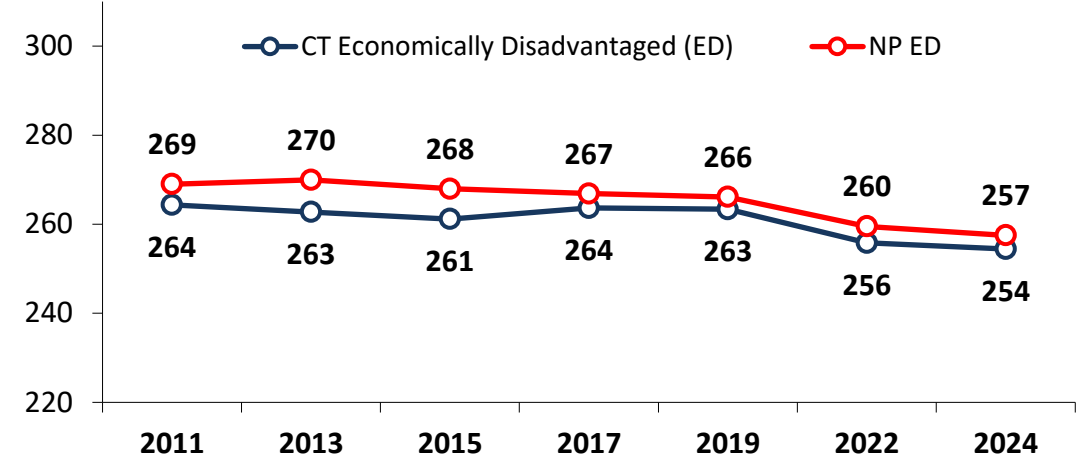
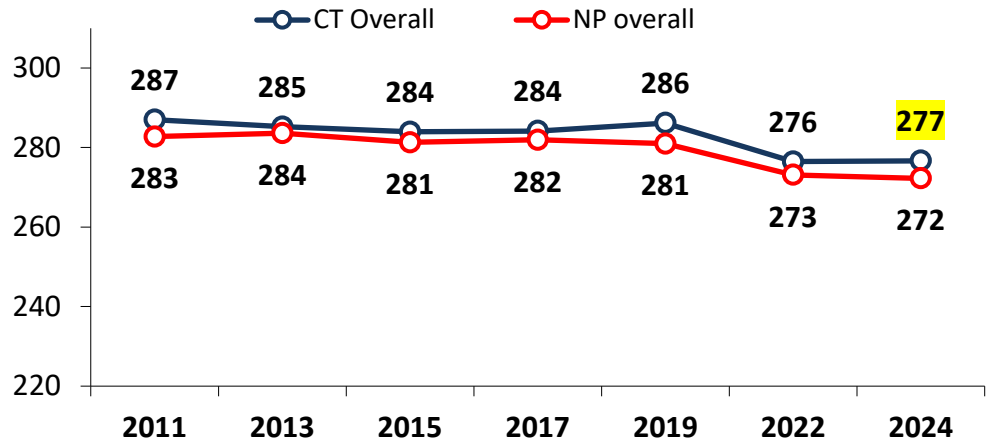


Grade 4 Mathematics Trends: Overall and Student Groups





Grade 8 Mathematics Trends: Overall and Student Groups



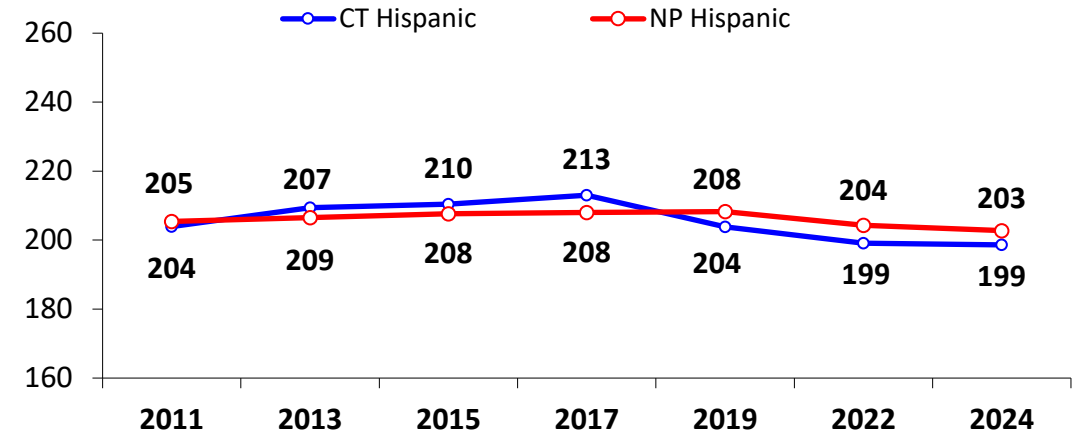
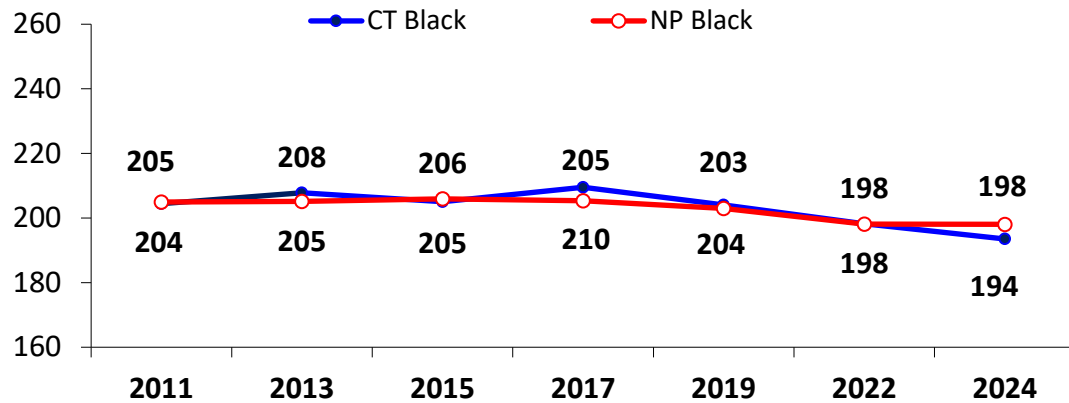
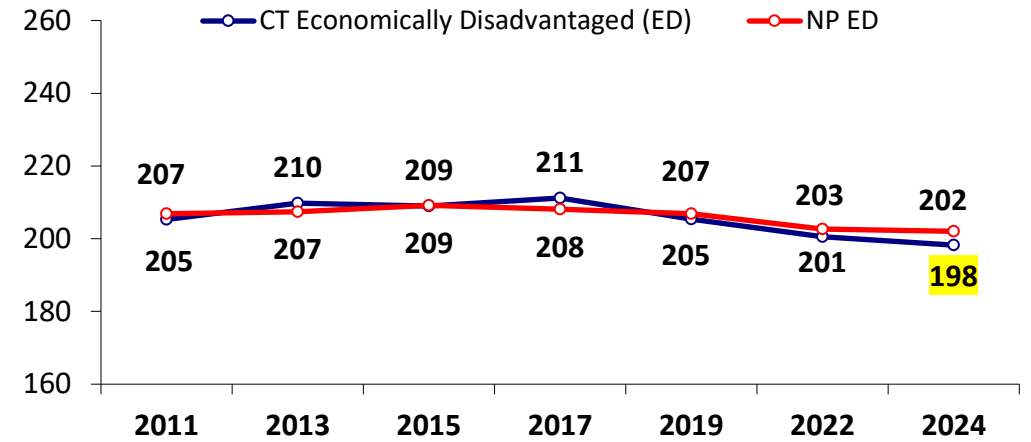
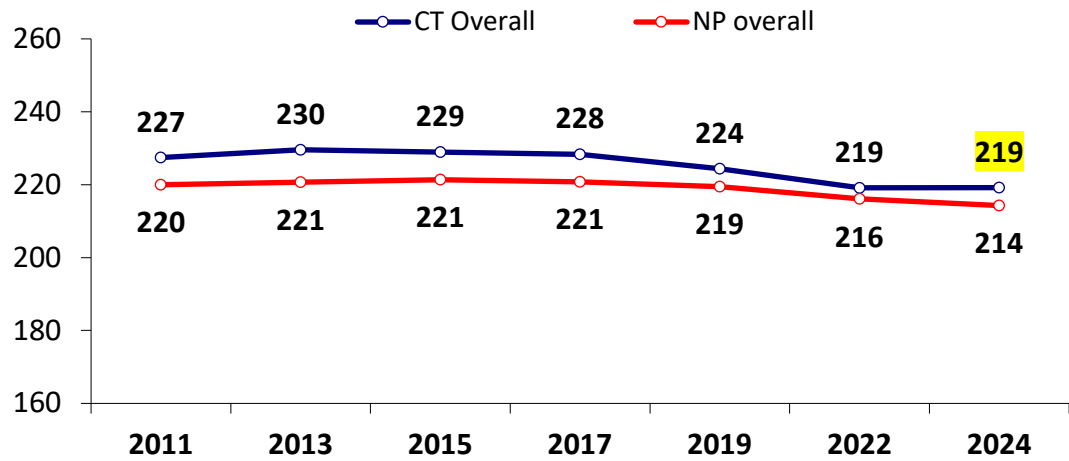
NAEP 2024 Reading Student Group Results: Comparison of CT to the Nation (NP)

| | Grade 4 | | | Grade 8 | | |
|--|------------|------------|--------------------|------------|------------|--------------------|
| | CT Avg. SS | NP Avg. SS | CT Compared to NP* | CT Avg. SS | NP Avg. SS | CT Compared to NP* |
| All | 219 | 214 | ↑ | 263 | 257 | ↑ |
| Asian | 243 | 236 | = | 293 | 281 | ↑ |
| Black | 194 | 198 | = | 246 | 243 | = |
| Hispanic | 199 | 203 | = | 245 | 245 | = |
| White | 235 | 224 | ↑ | 275 | 266 | ↑ |
| Economically Disadvantaged | 198 | 202 | ↓ | 250 | 245 | ↑ |
| Students with Disabilities (IEP only) | 182 | 179 | = | 229 | 221 | ↑ |
| Multilingual Learners | 182 | 185 | = | 210 | 220 | ↓ |

* An arrow is used when the difference between the scores is statistically significant (see [explanation of statistical significance](#) and why it is used in NAEP reporting).

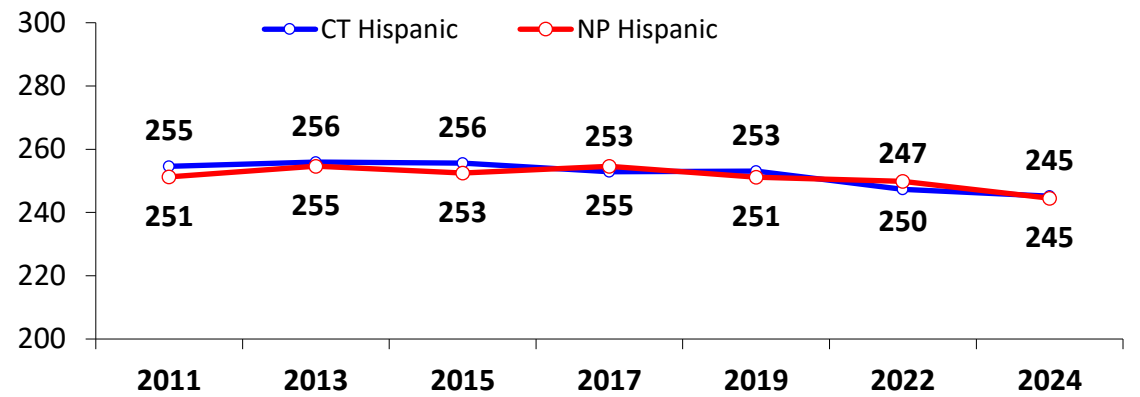
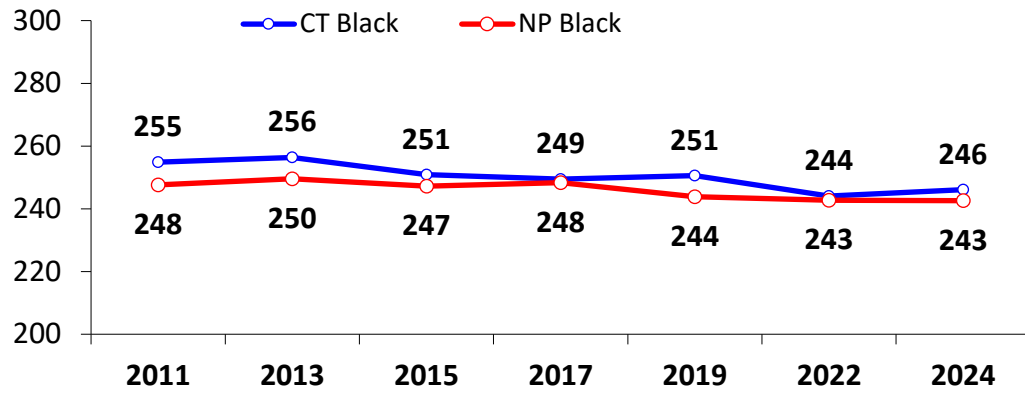
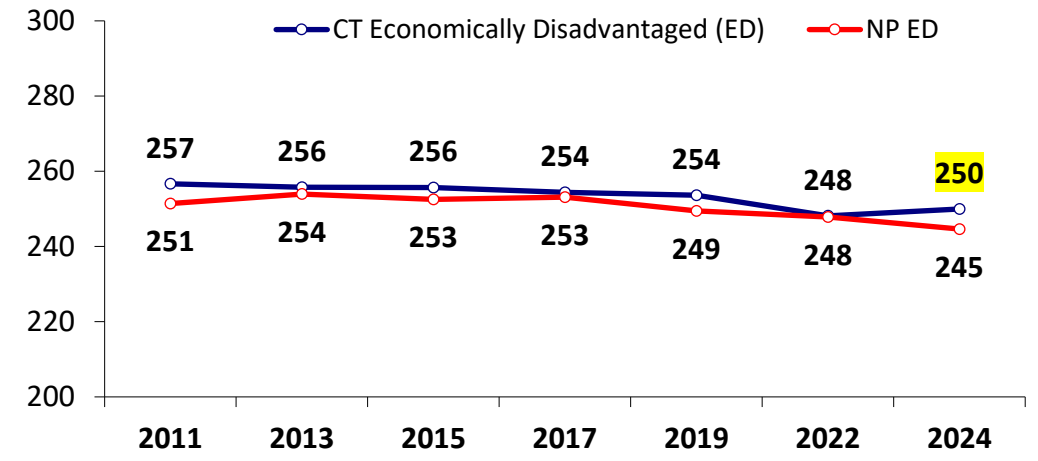
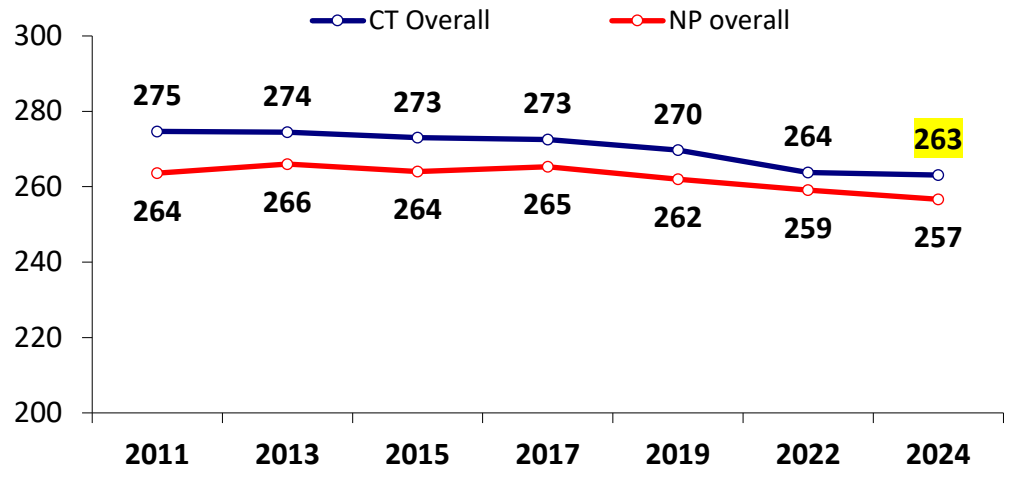


Grade 4 Reading Trends: Overall and Student Groups





Grade 8 Reading Trends: Overall and Student Groups





Connecticut's Changing Student Population

| | Grade 4 | | Grade 8 | |
|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 2010-11 Percentage | 2023-24 Percentage | 2010-11 Percentage | 2023-24 Percentage |
| All | 100 | 100 | 100 | 100 |
| Asian | 5 | 7 | 4 | 5 |
| Black/African American | 13 | 11 | 12 | 12 |
| Hispanic/Latino | 20 | 32 | 16 | 31 |
| Two or More Races | 2 | 5 | 1 | 4 |
| White | 60 | 45 | 66 | 48 |
| Economically Disadvantaged | 37 | 43 | 32 | 43 |
| Students with Disabilities (IEP only) | 11 | 14 | 9 | 15 |
| Multilingual Learners | 5 | 14 | 4 | 8 |



Summary

- **Grade 4 Mathematics (=)**
 - Connecticut’s achievement overall is not different than the national public school average. Most student groups score similar to their peers nationally but students from economically disadvantaged families and English learners/multilingual learners score lower than their national peers.
- **Grade 8 Mathematics (=)**
 - Connecticut students continue to score higher than the national public school average.
 - Most student groups score similar to their peers nationally but English learners/multilingual learners score lower than their national peers.
- **Grade 4 Reading (=)**
 - Connecticut students score higher than the national public school average.
 - Most student groups score similar to their peers nationally but students from economically disadvantaged families score lower than their national peers.
- **Grade 8 Reading (=)**
 - Connecticut students continue to score higher than the national public school average.
 - Many student groups score higher than their peers nationally but English learners/multilingual learners score lower than their national peers.
- **Connecticut’s population is changing.**
 - Over the last decade, student groups with greater academic and non-academic needs comprise a growing percentage of Connecticut’s student population.