



CONNECTICUT STATE DEPARTMENT OF EDUCATION

2017

Connecticut NAEP Reading and Math Results

April 10, 2018

EMBARGOED UNTIL TUESDAY, APRIL 10 AT 12:01 AM

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 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 2017 Performance in Reading and Math

- Connecticut NAEP scores remained steady in grades 4 and 8 reading and math when compared to 2015 results for all students and student groups.
- Connecticut students perform better than the nation in Grades 4 and 8 reading and Grade 8 math. Connecticut fourth graders perform the same as the nation in mathematics.
- Overall, Connecticut performance is stronger in reading than in mathematics in terms of comparisons to the nation and all other states.

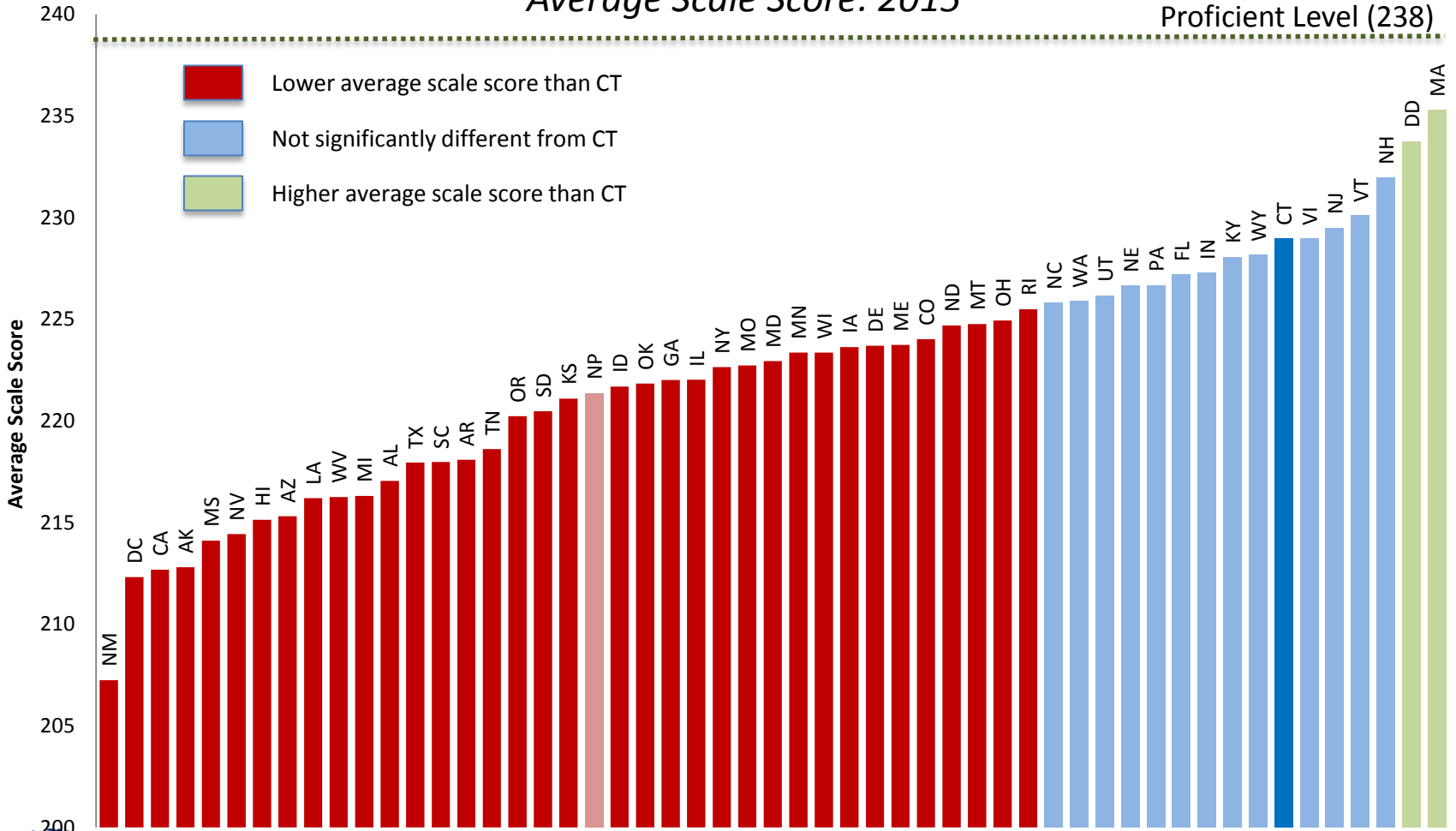
Note: All references to the “nation” are to the National Public (NP) results.



Connecticut NAEP 2015 Performance Relative to Other States

NAEP Reading Grade 4 – Overall

Average Scale Score: 2015



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

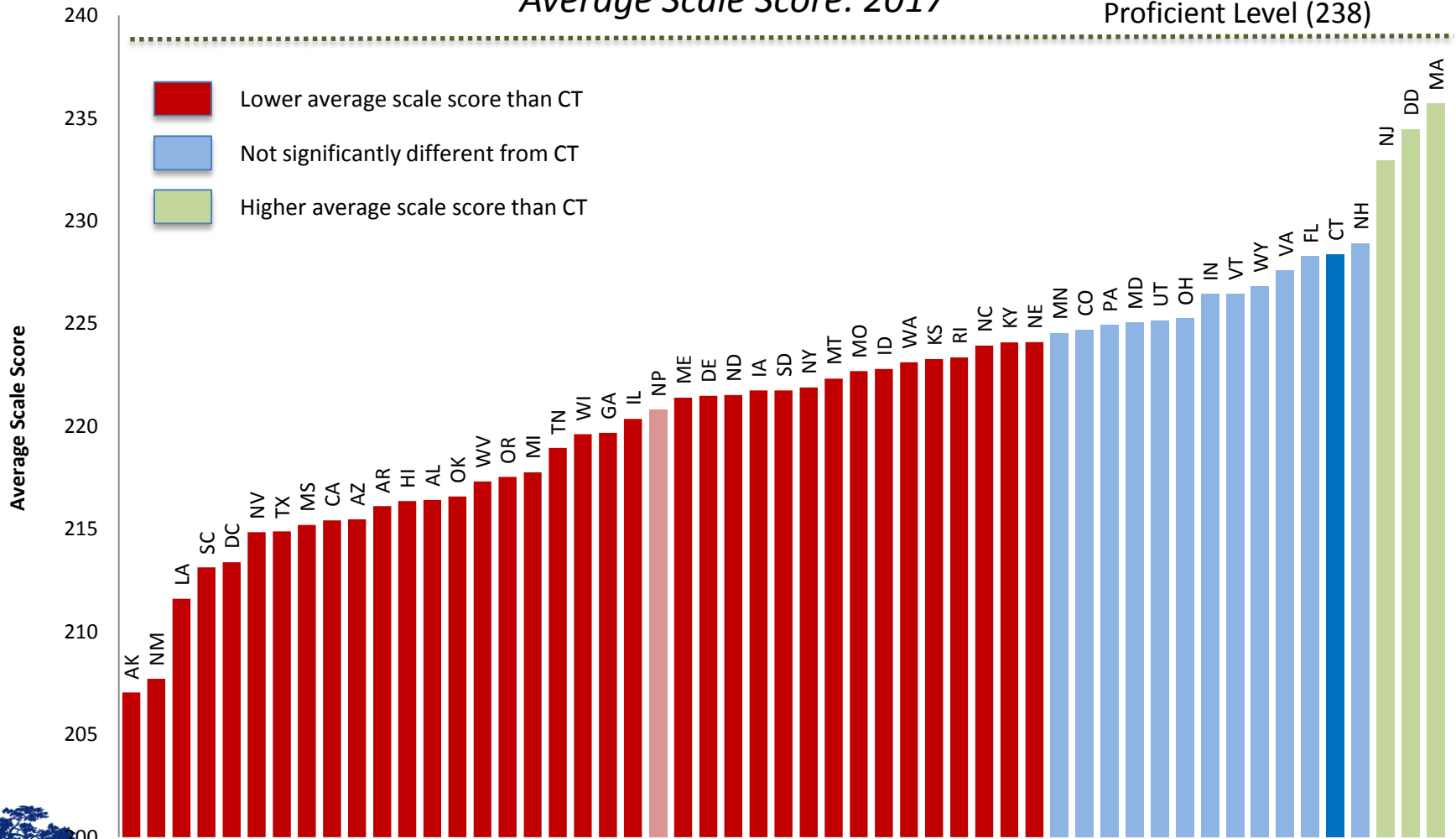


Connecticut NAEP 2017 Performance Relative to Other States

NAEP Reading Grade 4 – Overall

Average Scale Score: 2017

Proficient Level (238)



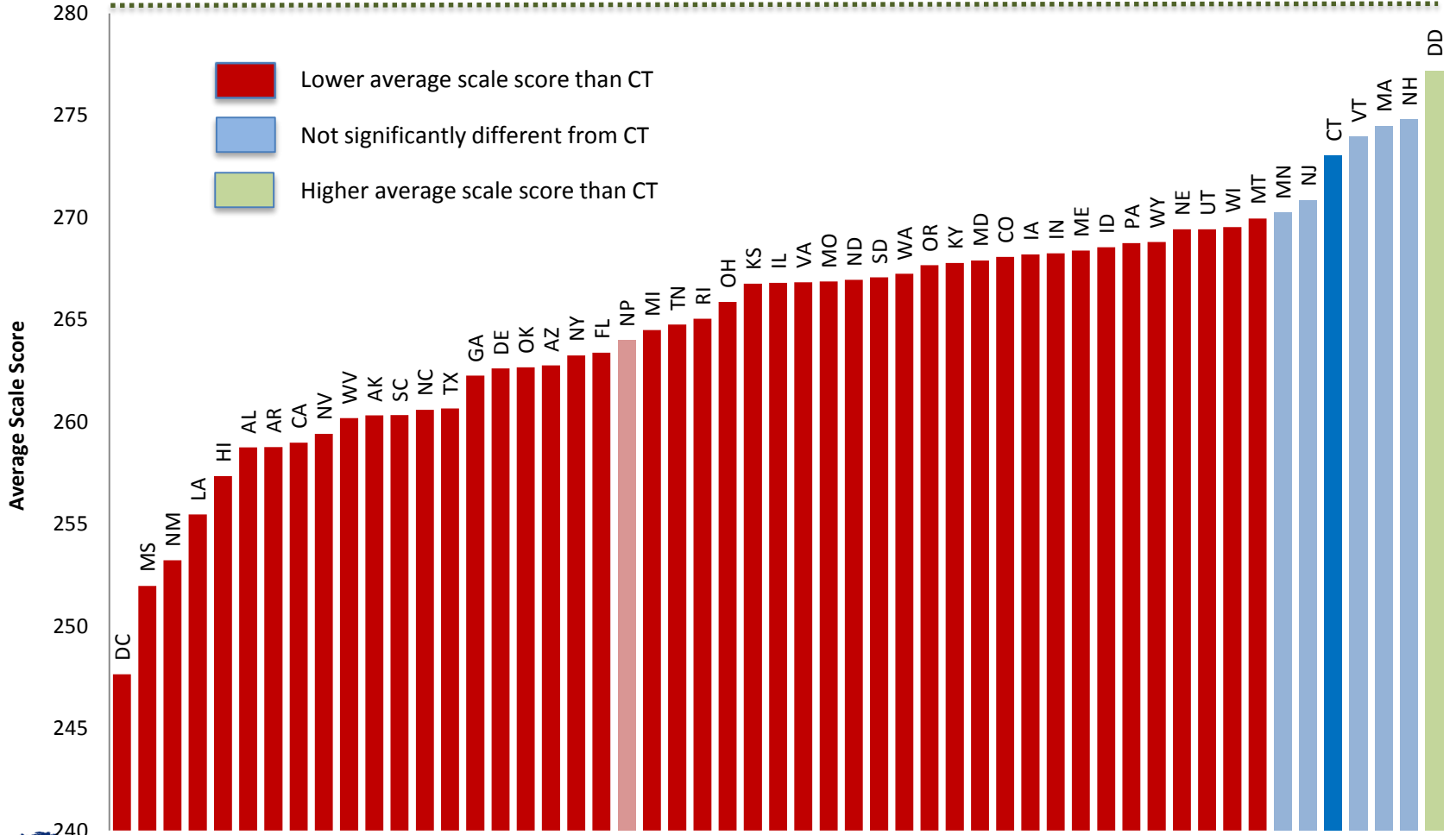
NOTE: The NAEP grade 4 reading scale ranges from 0 to 500.



Connecticut NAEP 2015 Performance Relative to Other States

NAEP Reading Grade 8 – Overall Average Scale Score: 2015

Proficient Level (281)



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

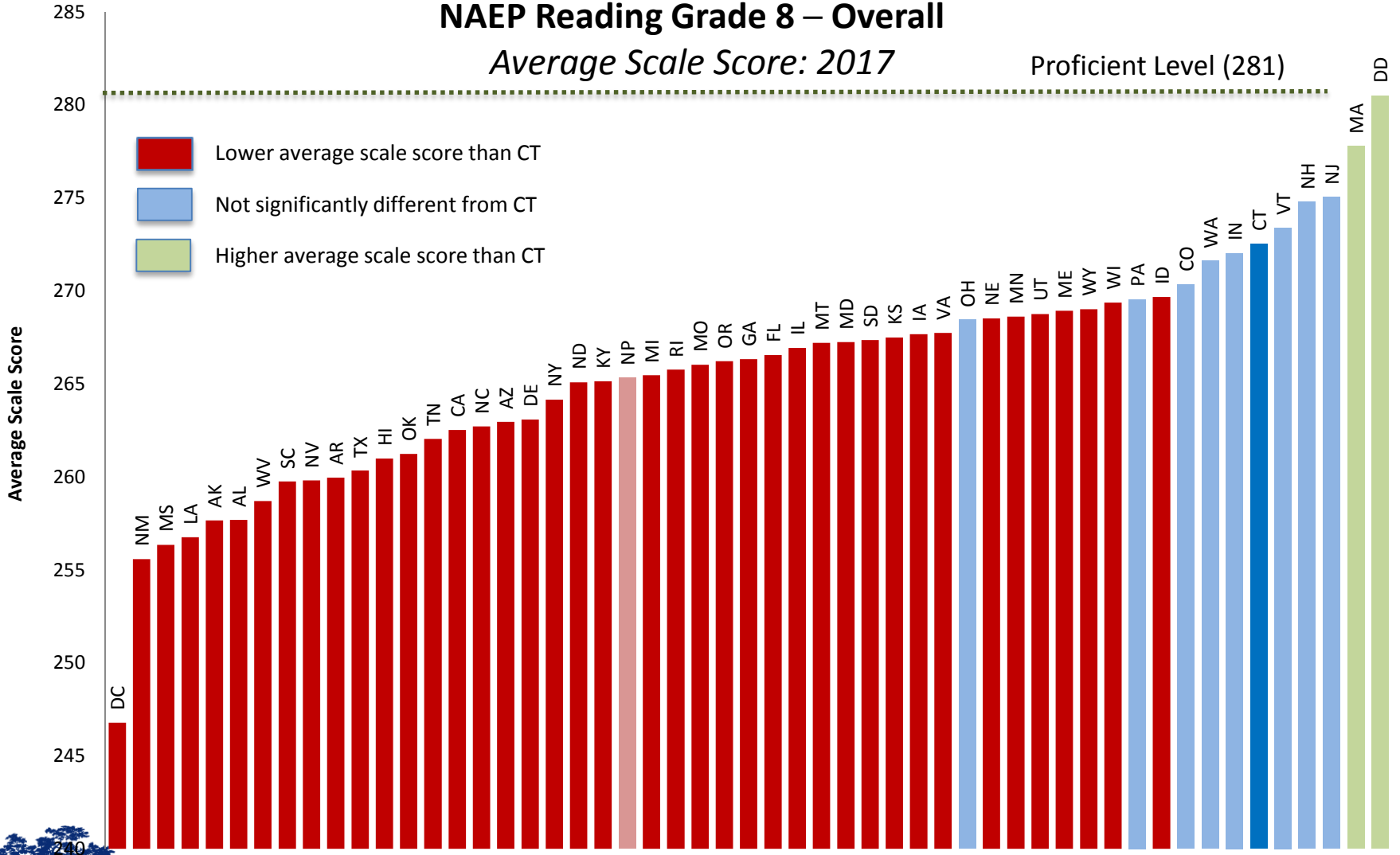


Connecticut NAEP 2017 Performance Relative to Other States

NAEP Reading Grade 8 – Overall

Average Scale Score: 2017

Proficient Level (281)



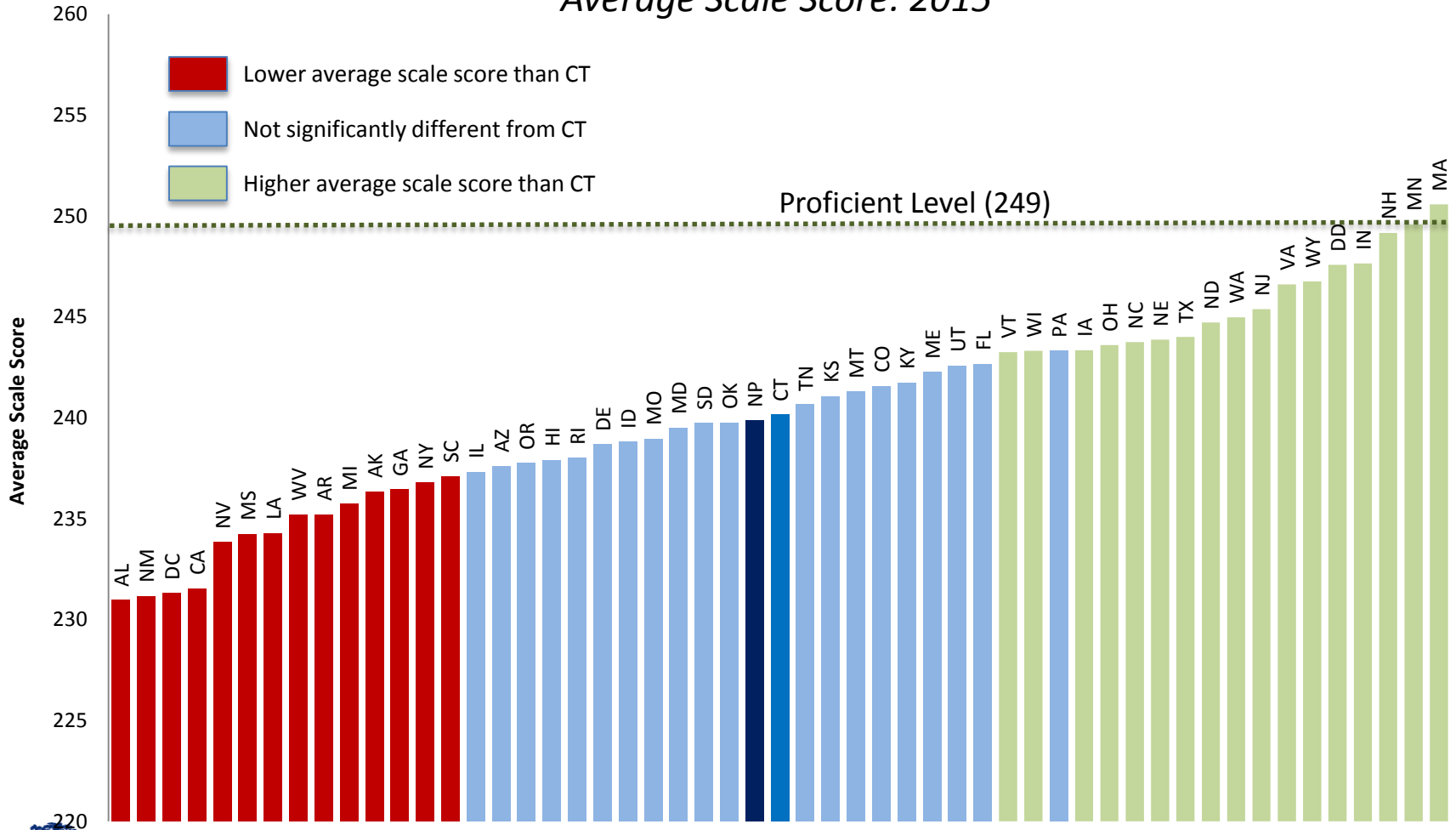
NOTE: The NAEP grade 8 reading scale ranges from 0 to 500.



Connecticut NAEP 2015 Performance Relative to Other States

NAEP Mathematics Grade 4 – Overall

Average Scale Score: 2015



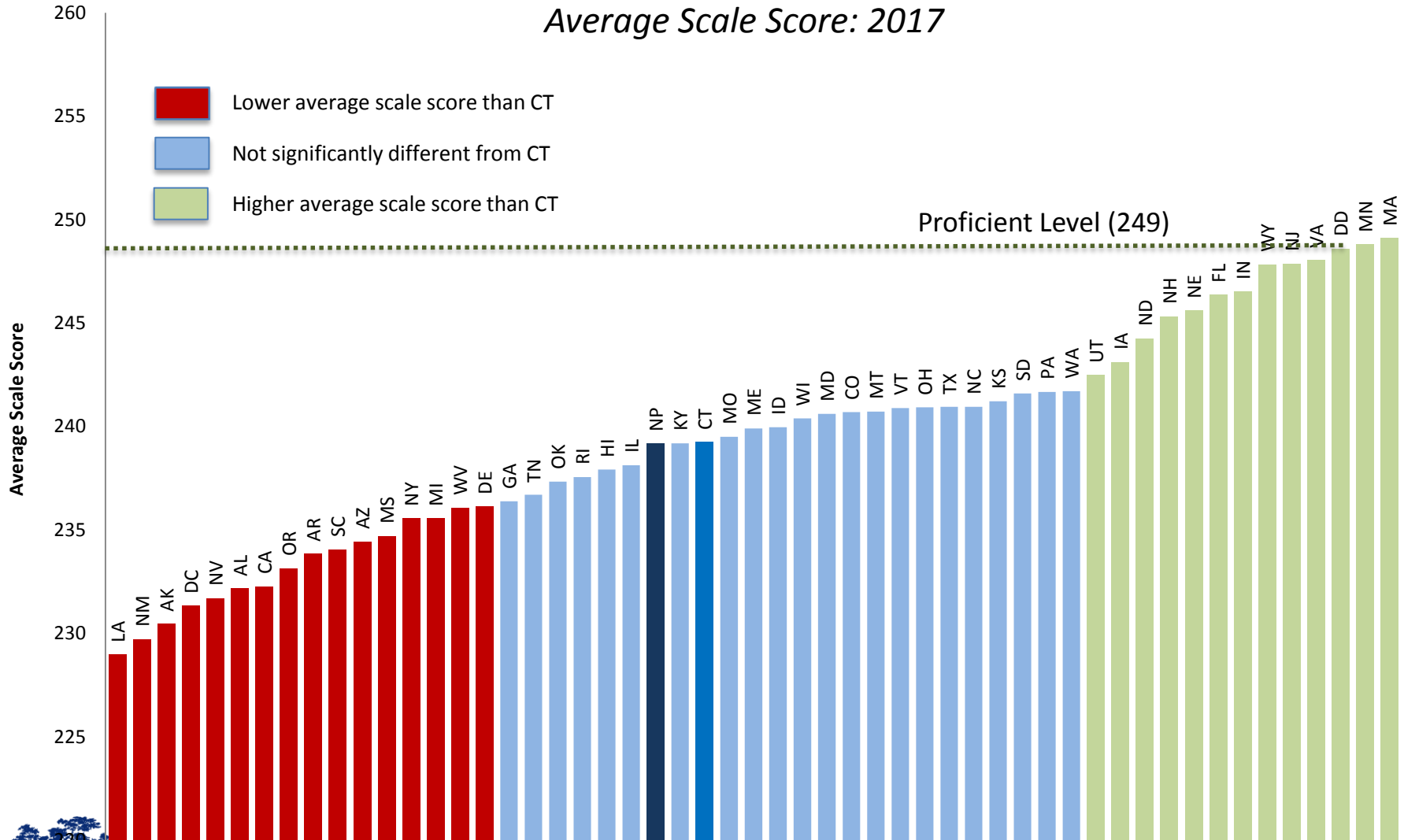
NOTE: The NAEP grade 4 mathematics scale ranges from 0 to 500.



Connecticut NAEP 2017 Performance Relative to Other States

NAEP Mathematics Grade 4 – Overall

Average Scale Score: 2017

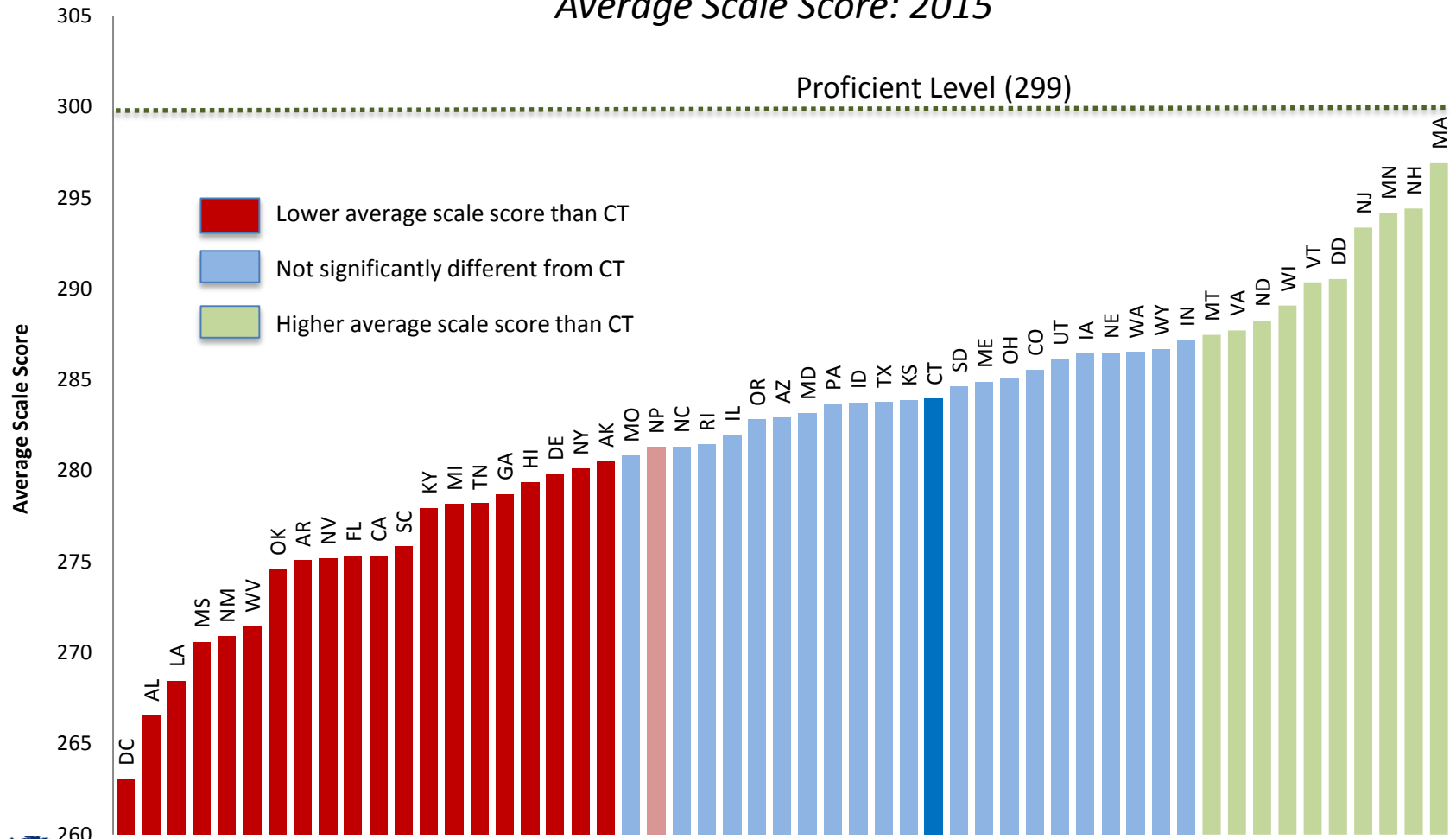


NOTE: The NAEP grade 4 mathematics scale ranges from 0 to 500.



Connecticut NAEP 2015 Performance Relative to Other States

NAEP Mathematics Grade 8 – Overall Average Scale Score: 2015

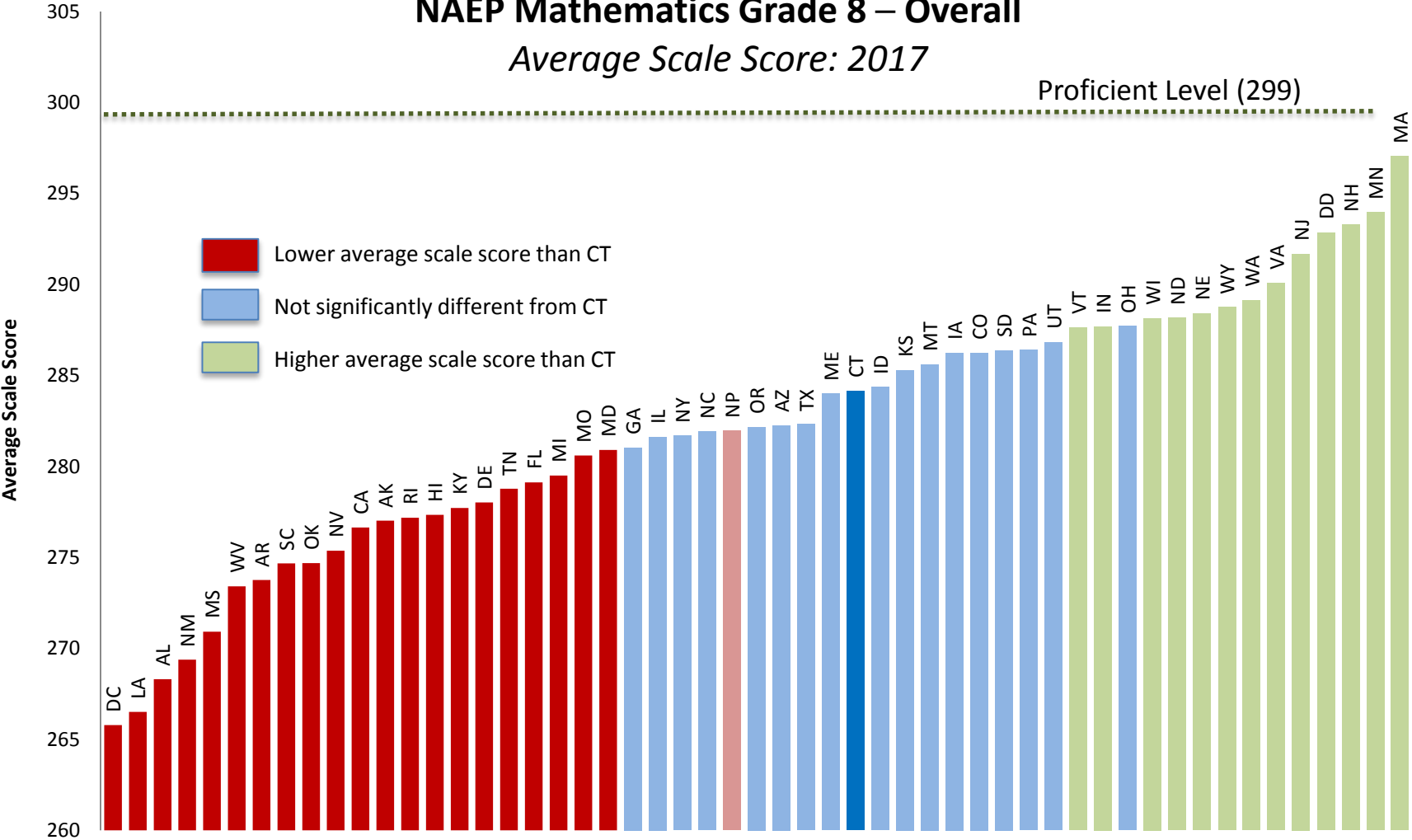


NOTE: The NAEP grade 8 mathematics scale ranges from 0 to 500.



Connecticut NAEP 2017 Performance Relative to Other States

NAEP Mathematics Grade 8 – Overall Average Scale Score: 2017



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



National Results

Summary of changes from 2015 to 2017 across all jurisdictions (50 states and D.C. and DOD)

READING

- **National Public Schools:** The average scale score in Grade 4 did not change. Grade 8 scores improved.
- **Connecticut:** Grades 4 and 8 did not change.

MATHEMATICS

- **National Public Schools:** Average scale scores in Grades 4 and 8 did not change.
- **Connecticut:** Grades 4 and 8 did not change.

	READING		MATHEMATICS	
	Grade 4	Grade 8	Grade 4	Grade 8
↑	0	10	1 (FL)	2 (FL, DOD)
↓	9	1 (MT)	10	3 (RI, VT, AK)
=	43	41	41	47



NAEP 2017 Student Group Results: Comparison of Connecticut to the Nation (NP)

		Grade 4			Grade 8		
		2017 CT Average Scale Score	2017 NP Average Scale Score	CT Compared to NP*	2017 CT Average Scale Score	2017 NP Average Scale Score	CT Compared to NP*
Reading	All	228	221	↑	273	265	↑
	White	238	231	↑	283	274	↑
	Black	210	205	=	249	248	=
	Hispanic	213	208	=	253	255	=
	NSLP ¹	211	208	=	254	253	=
Mathematics	All	239	239	=	284	282	↑
	White	249	248	=	295	292	↑
	Black	222	223	=	258	260	=
	Hispanic	223	229	↓	263	268	↓
	NSLP ¹	224	228	↓	264	267	↓

NSLP¹ - NSLP is the National School Lunch Program. Eligibility is used as a proxy for measuring poverty.

* 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).



Evidence of Longer-Term Progress in Reducing Achievement Gaps

Size of Grade 4 Reading Gap in Scale Score Points		
Student Group Comparison	2011 Gap	2017 Gap
NSLP ¹	35 points	29 points
White-Hispanic	35 points	25 points

NSLP¹ - NSLP is the National School Lunch Program. Eligibility is used as a proxy for measuring poverty.



Summary

- Like most states, Connecticut's overall performance is unchanged since 2015.
- The performance of Connecticut's major student groups also has not changed.
- NAEP is designed to measure progress over many years. When considering 2017 performance relative to 2011 results, there is gap closure in Grade 4 reading.
 - The gap between economically disadvantaged students and their non-disadvantaged peers is narrowing.
 - The gap between White students and Hispanic students is also narrowing.
- The CSDE recognizes the importance of expanding on and accelerating improvements. In partnership with districts we remain committed to:
 - professional learning that builds deep knowledge among educators about the Core standards;
 - strategic and appropriate use of local district assessments;
 - effective school, family and community partnerships;
 - data-informed decision making; and
 - tiered systems of support in areas of attendance, school discipline, restorative and trauma-informed practices that remove barriers to success.
- Through a systemic approach to addressing the needs of all students, we can collectively achieve our equity and excellence goals set forth in the State Board of Education's Comprehensive Five-Year plan.

