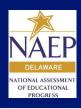


NAEP Mathematics and Reading Results

NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

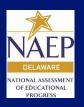
2015 Delaware Results Summary

What is NAEP?



- The National Assessment of Educational Progress (NAEP) is the largest continuing and nationally representative assessment of what our nation's students know and can do in core subjects.
- A survey designed to produce national, state, and select urban district level results.
 - NAEP results are for populations of students, not for individual students nor schools.
 - Measures student performance nationally and reports changes over time.
 - Allows comparisons between states and the nation.

NAEP School and Student Selection



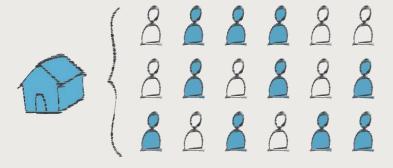
- NAEP uses a carefully designed sampling procedure for the assessment to be representative of the geographical, racial, ethnic, and socio-economic diversity of schools and students in the state.
 - First, a sample of schools is selected.
 - Then, within each chosen school students are randomly selected to participate. Each participating student represents hundreds of other similar students.

NAEP Sample Sizes

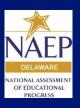


- The results from the 2015 mathematics assessment are based on representative samples.
 - 139,900 fourth-grade students from 7,810 schools
 - 136,900 eighth-grade students from 6,150 schools

- In Delaware
 - 4,700 fourth-grade students participated from 94 schools
 - 4,400 eighth-grade students participated from 55 schools

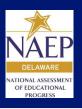


NAEP Administration



- NAEP is administered over a six-week period.
 - For 2015: January 26th March 6th
 - Each student is only assessed in one subject area.
 - Students only take a small portion of the assessment.
 - Accommodations are provided as necessary for students with disabilities and English language learners.

NAEP Results



- The results of NAEP are released as The Nation's Report Card.
 - The report card provides national, state, and district-level results, results for different demographic groups, inclusion information, and sample questions.

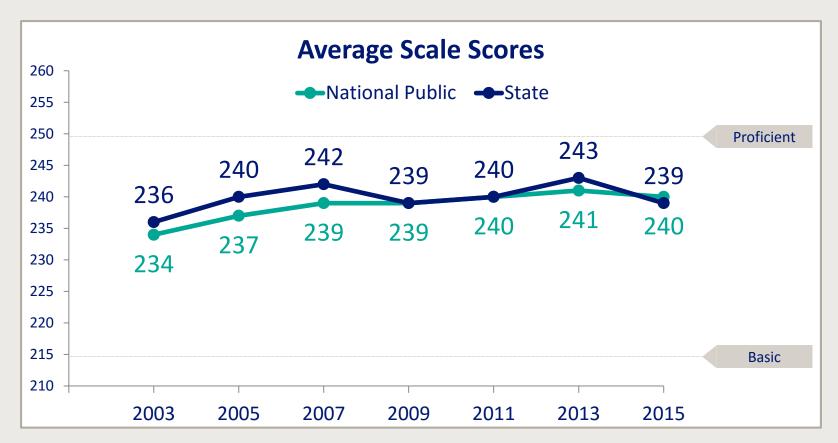


- NAEP Results are reported in two formats
 - Average Scale Scores
 - » Numeric scale
 - » 0 − 500 on mathematics and reading assessments
 - » Scores cannot be compared across content areas
 - Achievement Levels
 - » Categorical scale
 - » Below Basic, Basic, Proficient, Advanced





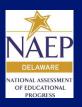




NOTE: Observed differences are not necessarily statistically significant.

The graph above shows the trend in the National Average Scale Scores for the NAEP Mathematics test given in grade 4 from 2003-2015. The average score for students in Delaware in 2015 (239) was significantly higher than their average score in 2003 (236).





	State Achievement Level Performance							
■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced								
	18	45	32	5				
	14	44	35	7				
	16	45	34	5				
	16	48	31	5				
	13	43	36	4				
	16	44	32	4				
	70 De	18 14 16 16 13	18 45 14 44 16 45 16 48 13 43	18 45 32 14 44 35 16 45 34 16 48 31 13 43 36				

2015	19	42	32	7
2013	18	41	33	8
2011	18	42	34	6
2009	19	43	32	6
2007	19	42	34	5
2005	21	44	30	5

- In Delaware in fourth-grade math, 37 percent of students scored at or above Proficient (a five percentage point decline from 2013).
- Proficient (a two percentage point decline from 2013).



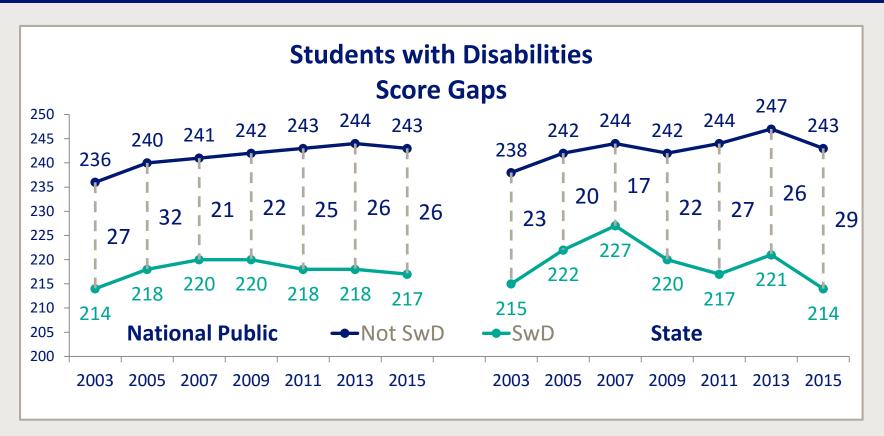




The gap between the not eligible and eligible students was reduced by five points this year due to a decline in both of the Delaware Scale Scores.



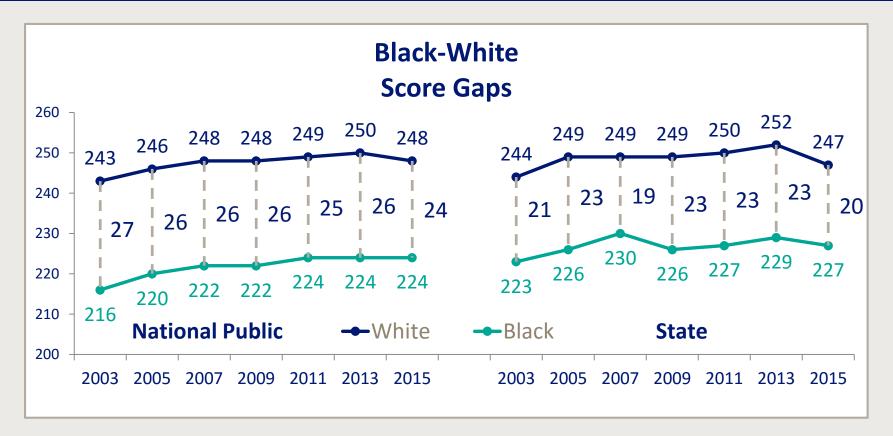




The gap between the not SwD and SwD students increased by three points this year due to a decline in both Delaware Scale Scores.



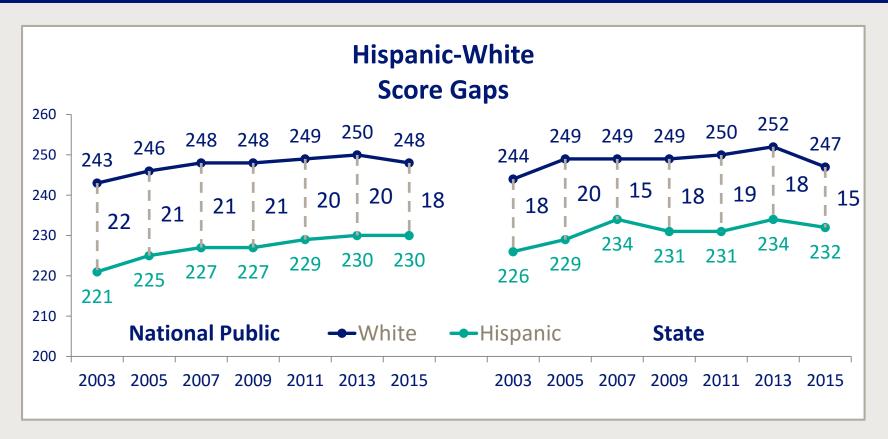




The gap between the black and white students decreased by three points this year due to a decline in both Delaware Scale Score.



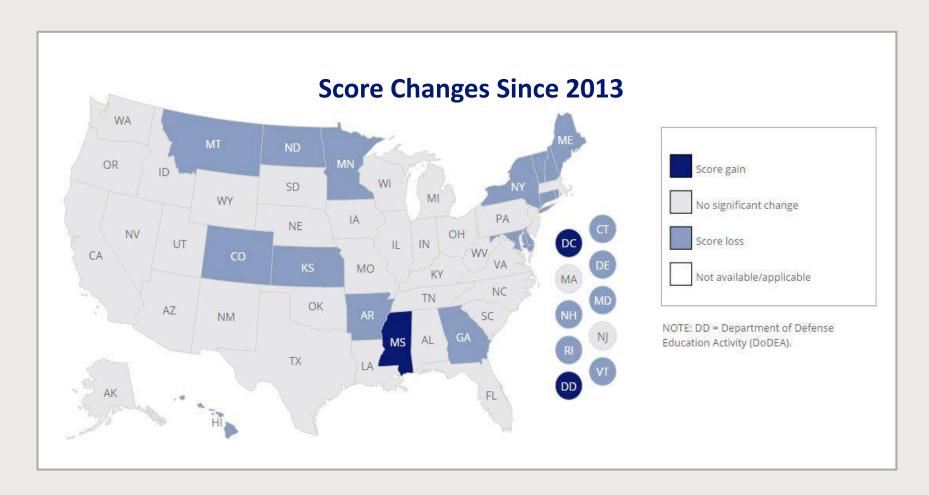




The gap between the Hispanic and white students decreased by three points this year due to a decline in both the Hispanic and white Delaware Scale Scores.







Delaware was one of fourteen states who showed a decrease in Grade 4 Mathematics Scale Score from 2013 to 2015.





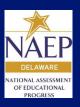




NOTE: Observed differences are not necessarily statistically significant.

The graph above shows the trend in the National Average Scale Scores for the NAEP Mathematics test given in grade 8 from 2003-2015. The average score for students in Delaware in 2015 (280) was significantly higher than their average score in 2003 (277).





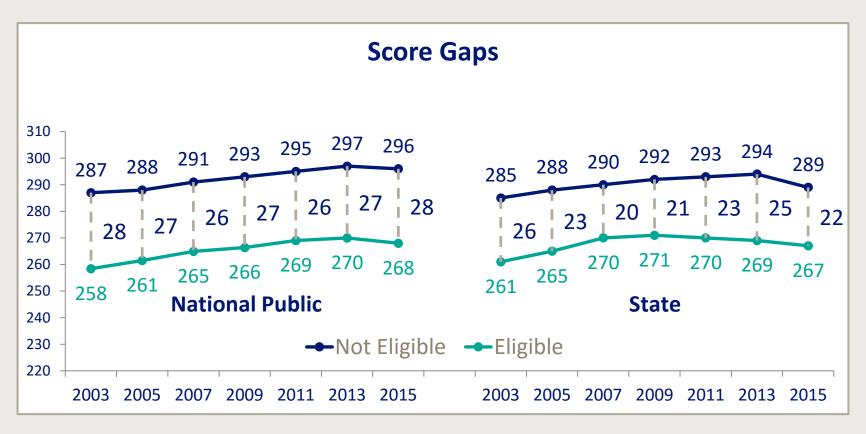
31 33 23 7	State Achievement Level Performance ■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced							
113 20 20 25 8	2015	31	39	23	7			
29 38 25 8	2013	29	38	25	8			
26 42 25	2011	26	42	25	7			
009 25 43 26	2009	25	43	26	6			
26 43 24	2007	26	43	24	7			
005 28 42 25 5	2005	28	42	25	5			

National Public Achievement Level Performance							
	%	Below Basic	■ % Basic	■% Proficient	■ % Adva	nced	
2015		30		38	24	8	
2013		27		39	26	8	
2011		28		38	26	8	
2009		29		38	26	7	
2007		30		39	24	7	
2005		32		42	22	6	

- In Delaware in eighth-grade math, 30 percent of students scored at or above Proficient (a three percentage point decline from 2013).
- Nationally in eighthgrade math, 32 percent of students scored at or above Proficient (a two percentage point decline from 2013).



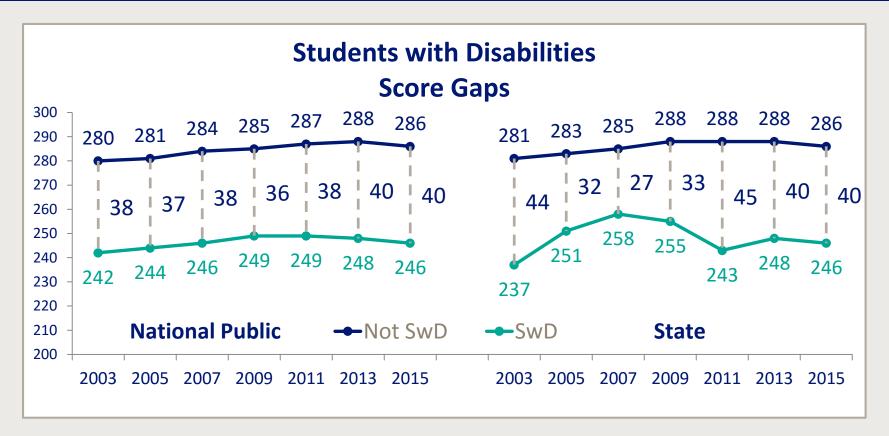




The gap between the not eligible and eligible students was reduced by three points this year due to a decline in both Delaware Scale Scores.



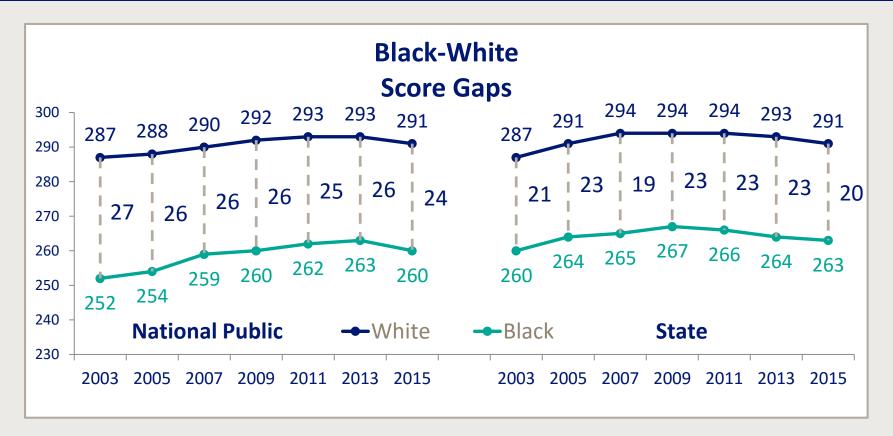




The gap between the not SwD and SwD students has remained constant at 40 points although both Delaware Scales Scores declined in 2015.



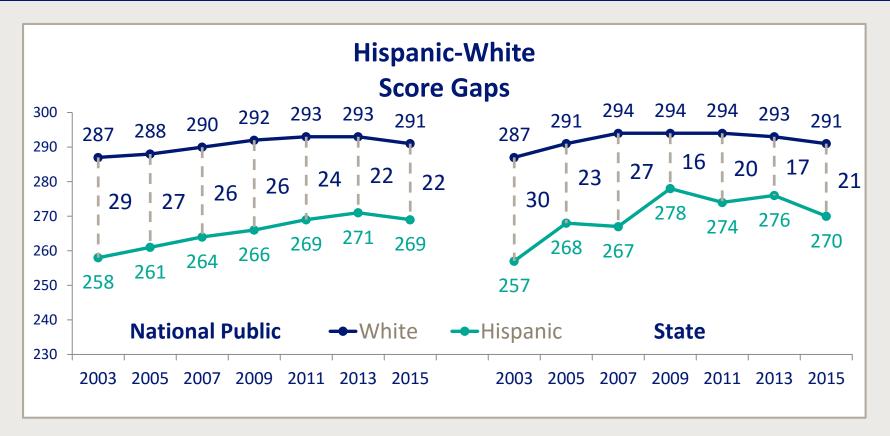




The gap between the black and white students decreased by three points this year due to a decline in both the white and black Delaware Scale Scores.







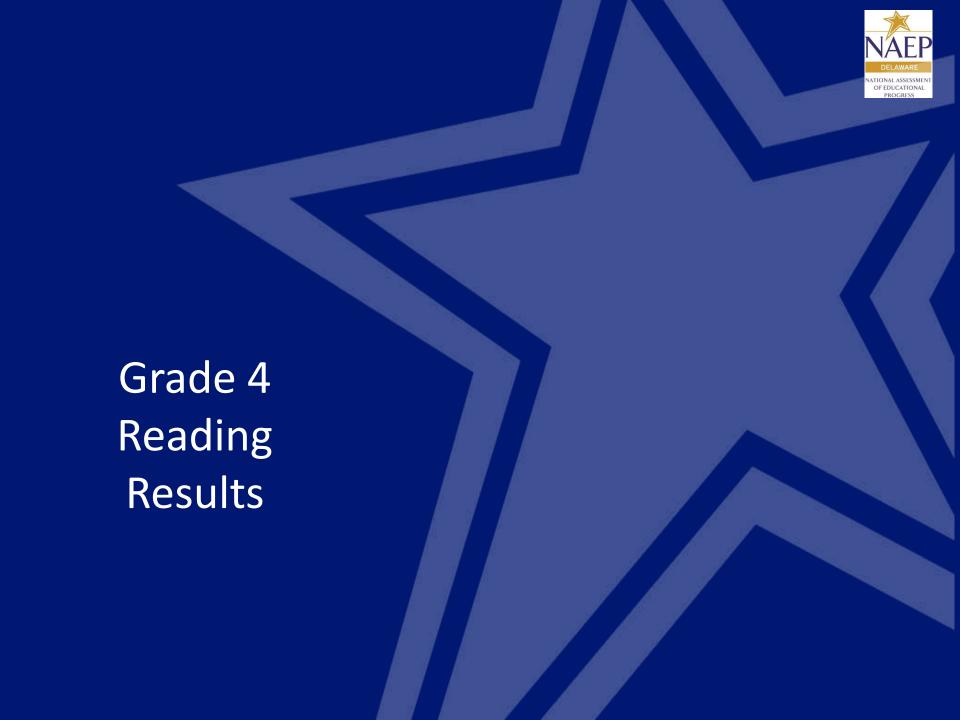
The gap between the Hispanic and white students increased by four points this year due to a decline in both the Hispanic and white Delaware Scale Scores.





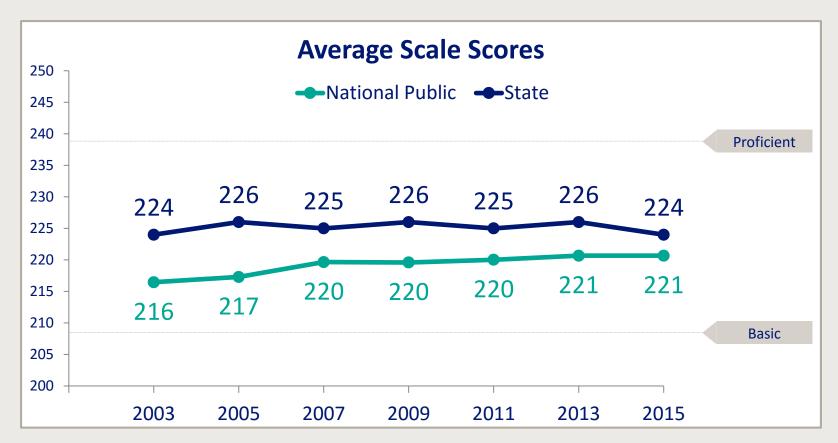


Delaware was one of twenty states who showed a decrease in Grade 8 Mathematics Scale Score from 2013 to 2015.









NOTE: Observed differences are not necessarily statistically significant.

The graph above shows the trend in the National Average Scale Scores for the NAEP Reading test given in grade 4 from 2003-2015. The average score for students in Delaware in 2015 (224) was not significantly different from their average score in 2013 (226).





% Below basic % basic % P	State Achievement Level Performance ■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced							
2015 30 33	28	9						
2013 27 35	29	9						
2011 28 36	29	7						
2009 27 38	28	7						
2007 27 39	27	7						
2005 27 39	27	7						

	tional Public A Below Basic			
2015	32	33	27	8
2013	33	33	26	8
2011	34	34	25	7
2009	34	34	25	7
2007	34	34	25	7
2005	38	32	23	7

- In Delaware in fourth-grade reading, 37 percent of students scored at or above Proficient (a one percentage point decline from 2013).
- Proficient (a one percentage point decline from 2013).



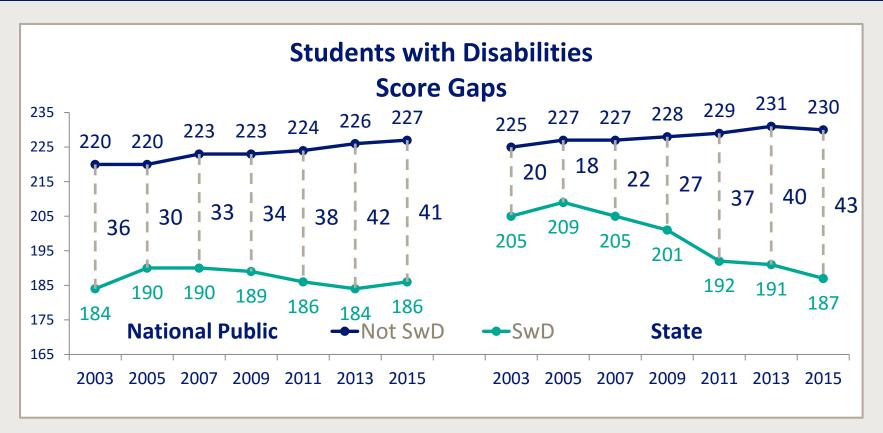




The gap in between the not eligible and eligible students was reduced by one point this year due to a decline in both the Delaware Scale Scores.



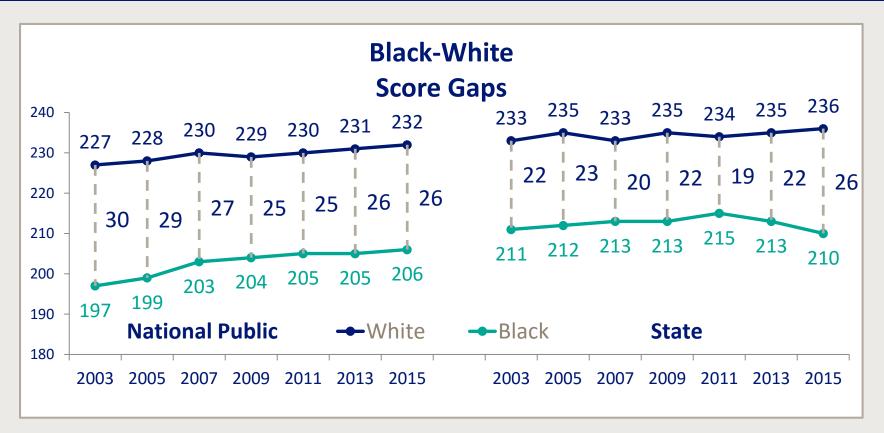




The gap between the not SwD and SwD students increased by three points this year due to a decline in both Delaware Scale Scores.



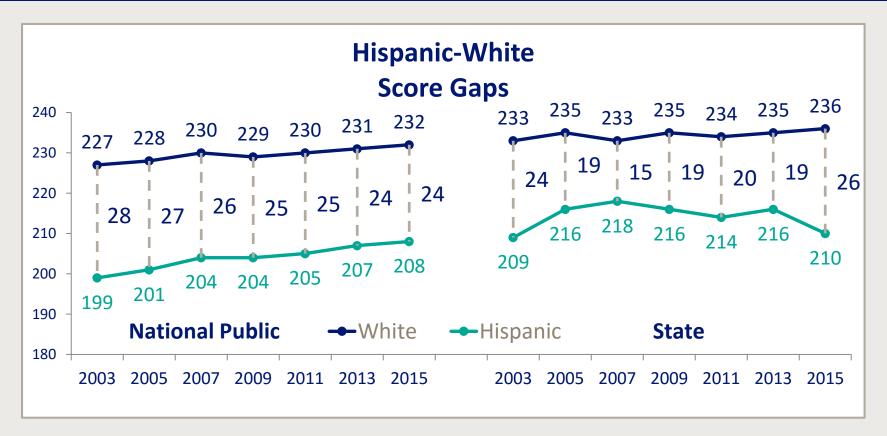




The gap between the black and white students increased by four points this year due to an increase in the white and a decline in the black Delaware Scale Scores.







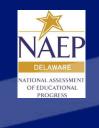
The gap between the Hispanic and white students increased by seven points this year due to a decline in the Hispanic and an increase in the white Delaware Scale Scores.





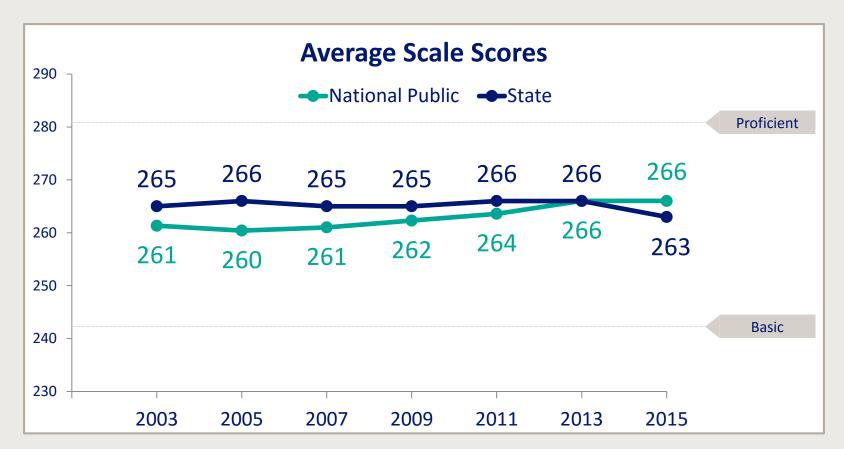


Delaware was one of thirty-seven states who showed no significant change in Grade 4 Reading Scale Score from 2013 to 2015.





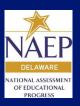




NOTE: Observed differences are not necessarily statistically significant.

The graph above shows the trend in the National Average Scale Scores for the NAEP Reading test given in grade 8 from 2003-2015. The average score for students in Delaware in 2015 (263) was lower than their average score in 2013 (266).





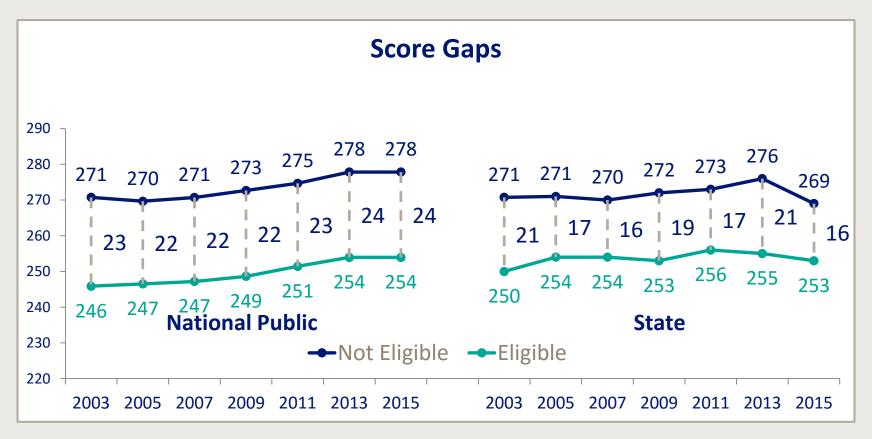
	State Achievement Level Performance						
■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced							
2015		27	42	28 3			
2013		23	44	29 4			
2011		23	44	30 3			
2009		22	47	29 2			
2007		23	46	29 2			
2005		20	50	28 2			

National Public Achievement Level Performance							
■ 9	6 Below Basic	■ % Basic	■ % P	roficient	■ % Advanced		
2015	25	42		30	3		
2013	23	43		30	4		
2011	25	40		29	3		
2009	26	44		28	2		
2007	27	44		27	2		
2005	29	42		26	3		

- In Delaware in eighth-grade reading, 31 percent of students scored at or above Proficient (a two percentage point decline from 2013).
- Nationally in eighthgrade reading, 33 percent of students scored at or above Proficient (a one percentage point decline from 2013).



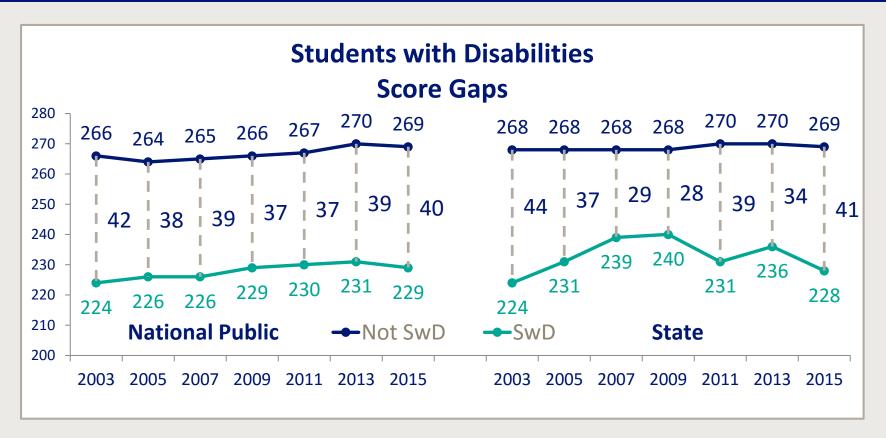




The gap in between the not eligible and eligible students was reduced by five points this year due to a decline in both the Delaware Scale Scores.



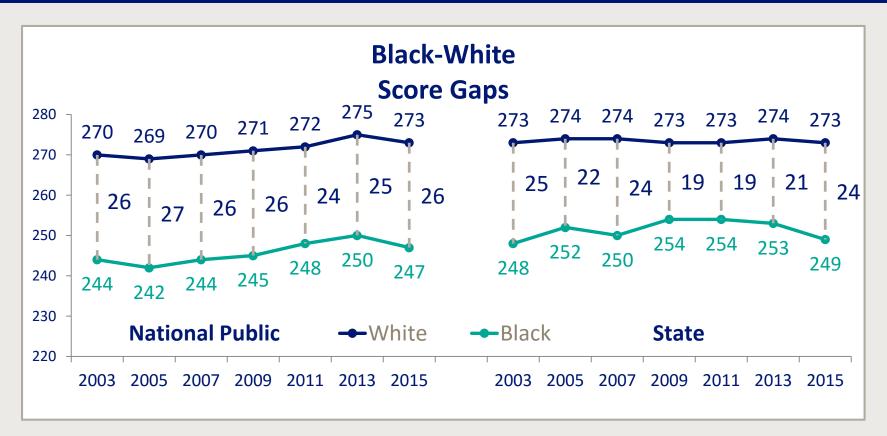




The gap between the not eligible and eligible students was reduced by five points this year due to a decline in both the Delaware Scale Scores.





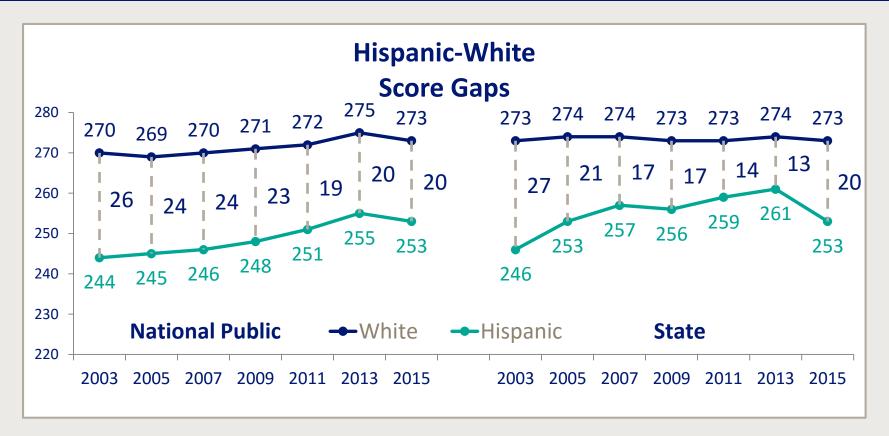


The gap between the black and white students decreased by three points this year due to a decline in both the Delaware Scale Scores.



Grade 8 Reading Results





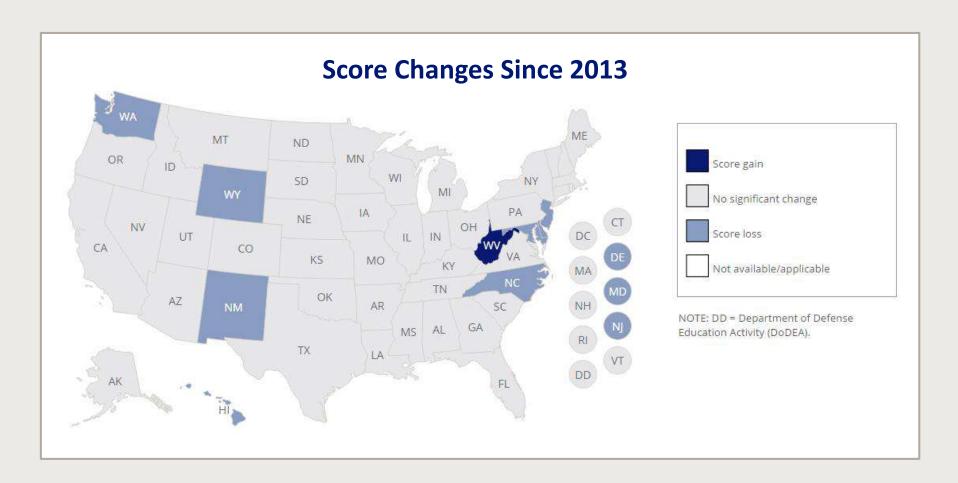
The gap between the Hispanic and white students increased by seven points this year due to a decline in both the Hispanic and white Delaware Scale Scores.

NOTE: Observed differences are not necessarily statistically significant. Score gaps are calculated based on differences between unrounded average scale scores.

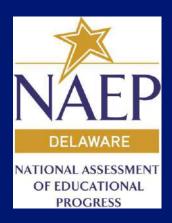


Grade 8 Reading Results





Delaware was one of eight states who showed a decrease in Grade 8 Reading Scale Score from 2013 to 2015.



Appendix

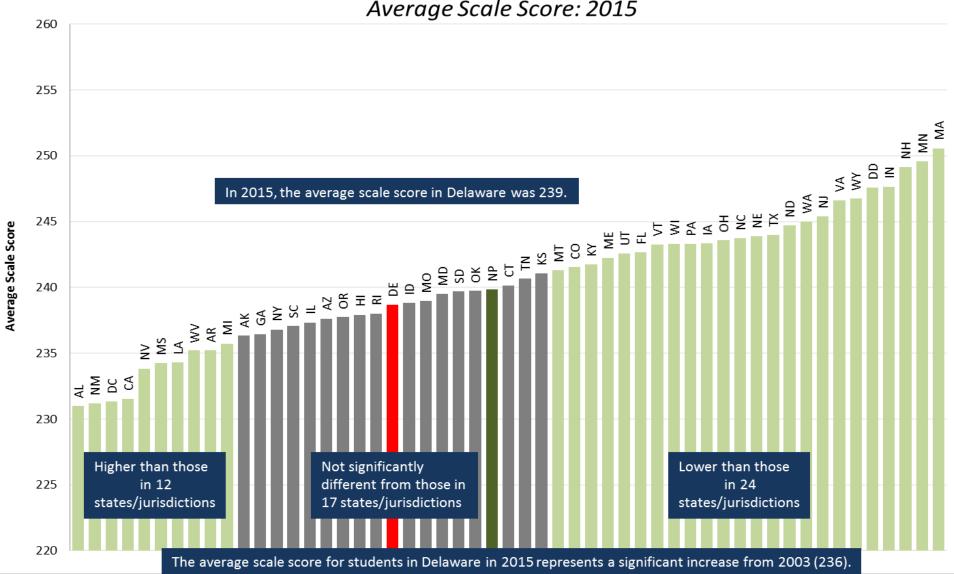
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS





NAEP Mathematics Grade 4 – Overall

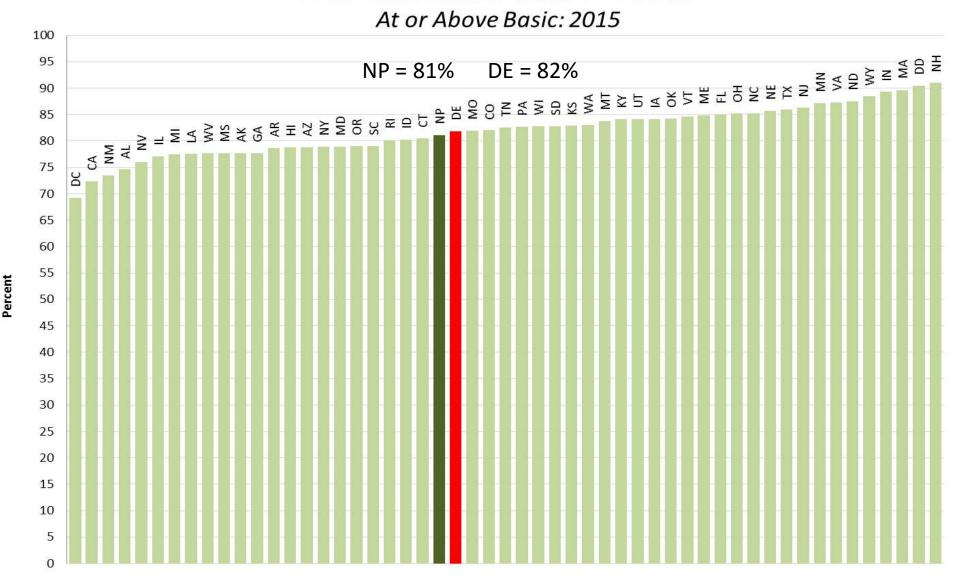




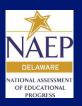




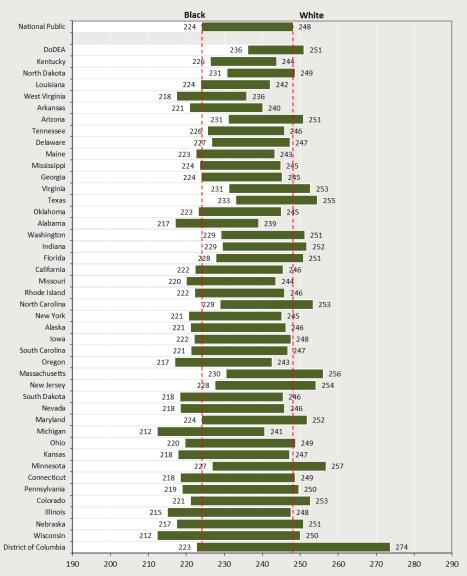
NAEP Mathematics Grade 4 – Overall



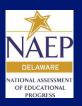




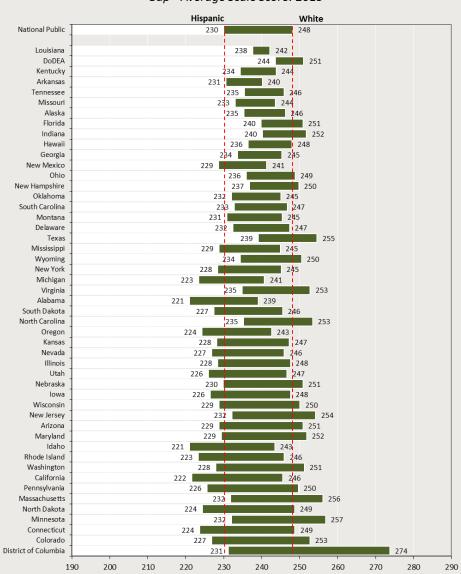
NAEP Mathematics Grade 4 - White - Black



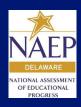




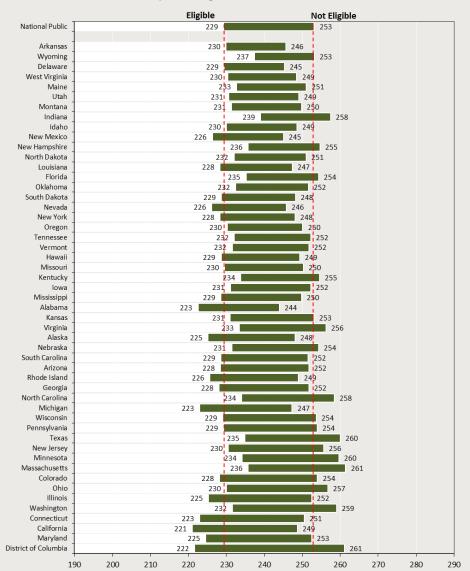
NAEP Mathematics Grade 4 – White - Hispanic





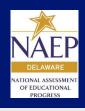


NAEP Mathematics Grade 4 - National School Lunch Eligibility





Gr 8

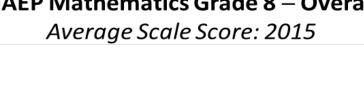


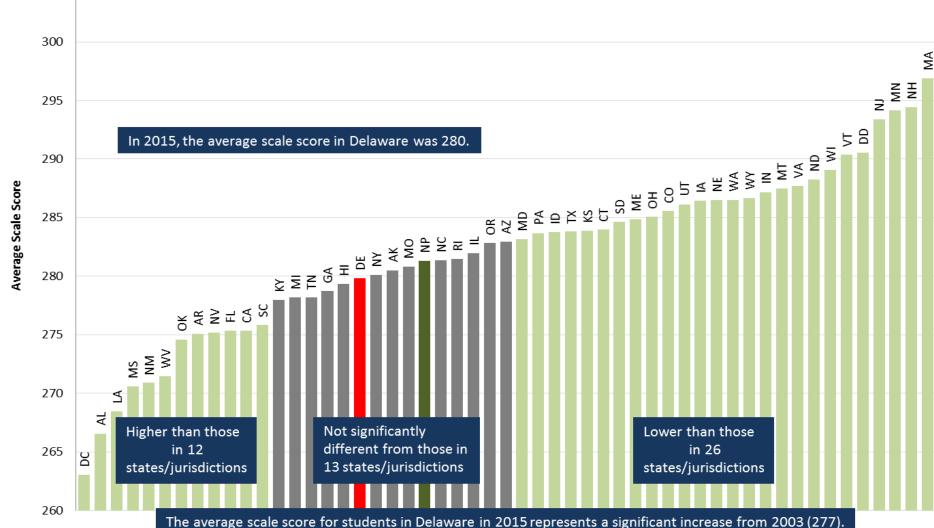


305



NAEP Mathematics Grade 8 – Overall

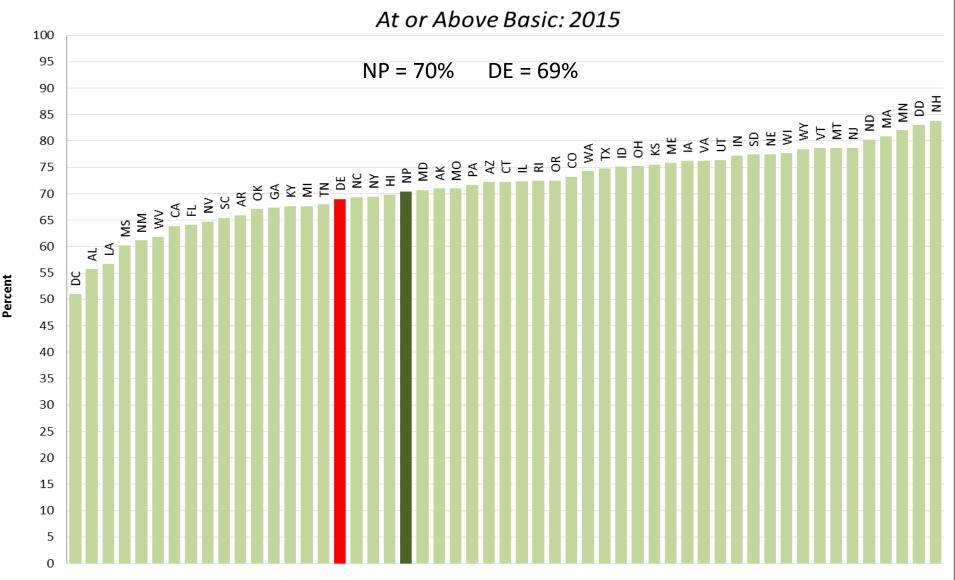




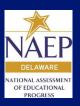




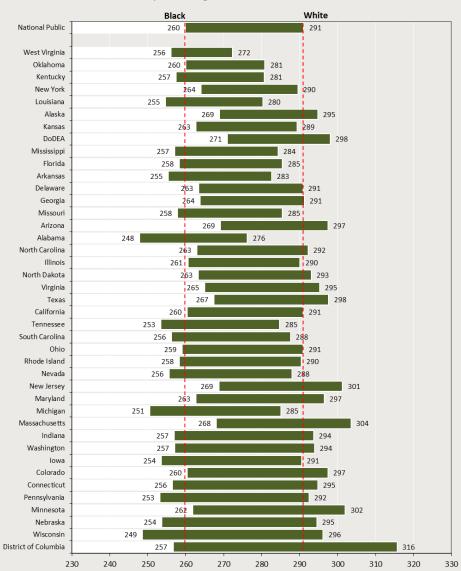
NAEP Mathematics Grade 8 – Overall







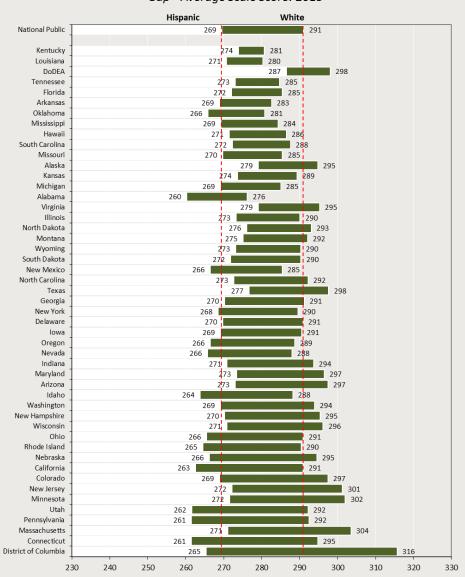
NAEP Mathematics Grade 8 - White - Black







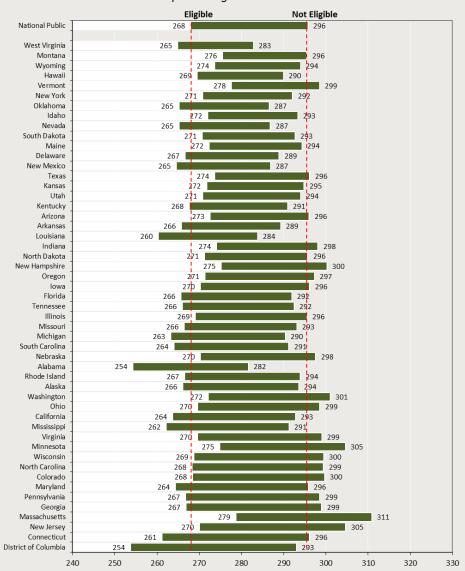
NAEP Mathematics Grade 8 – White - Hispanic



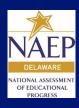




NAEP Mathematics Grade 8 - National School Lunch Eligibility



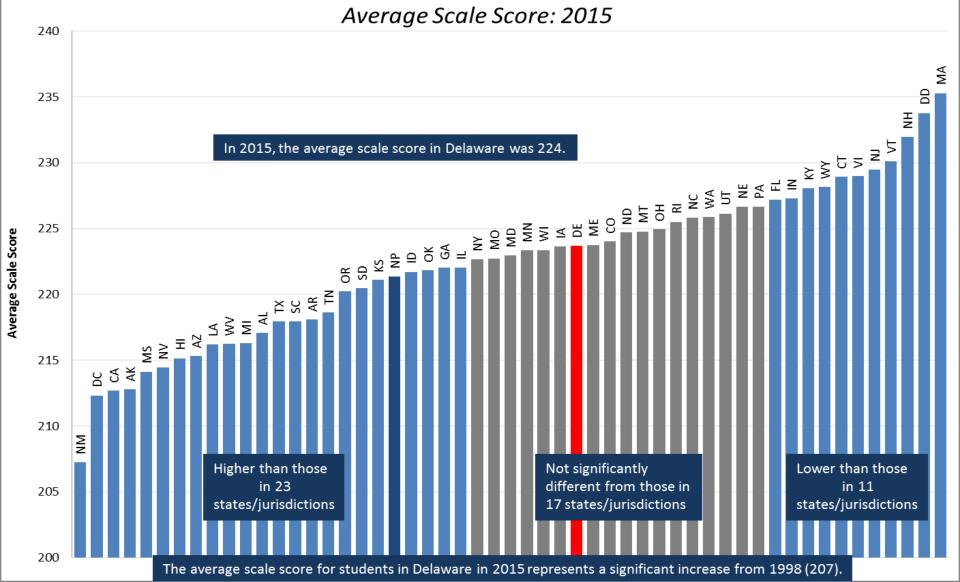








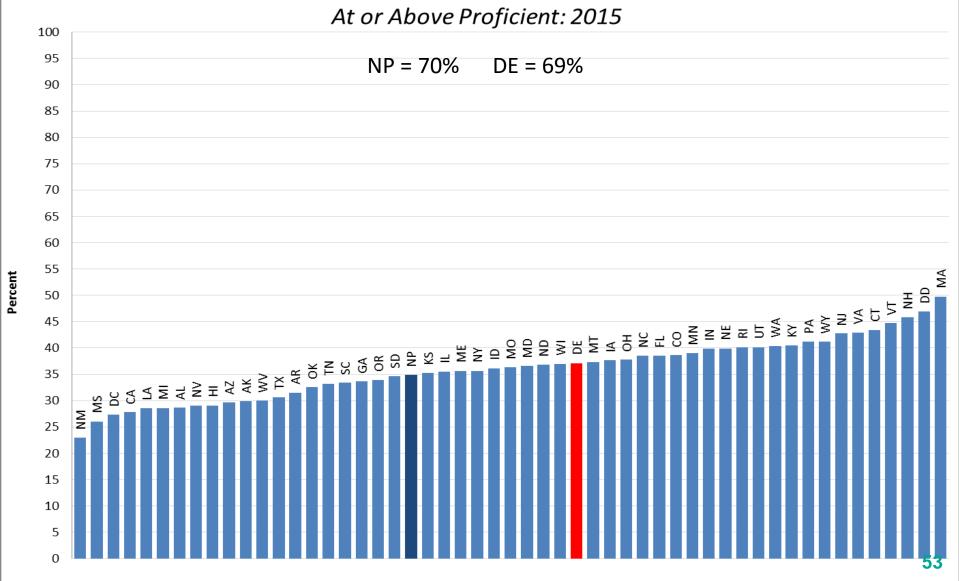
NAEP Reading Grade 4 – Overall



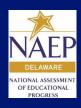




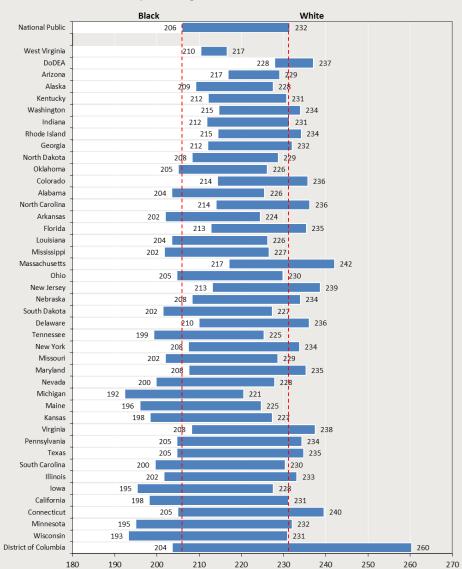
NAEP Reading Grade 4 – Overall



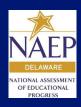




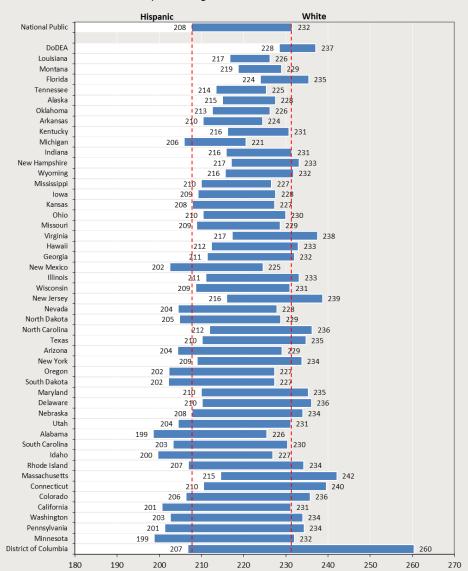
NAEP Reading Grade 4 - White - Black



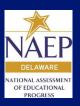




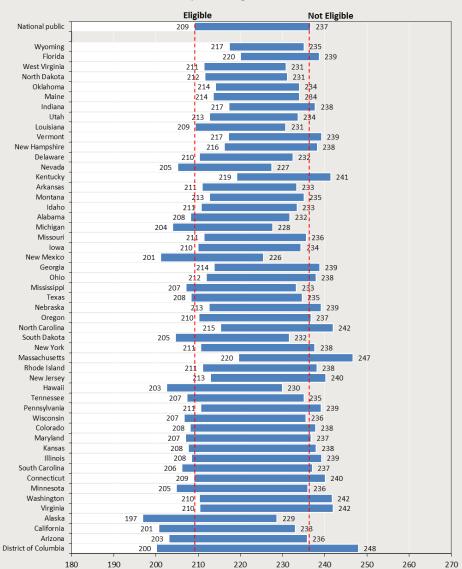
NAEP Reading Grade 4 - White - Hispanic







NAEP Reading Grade 4 - National School Lunch Eligibility





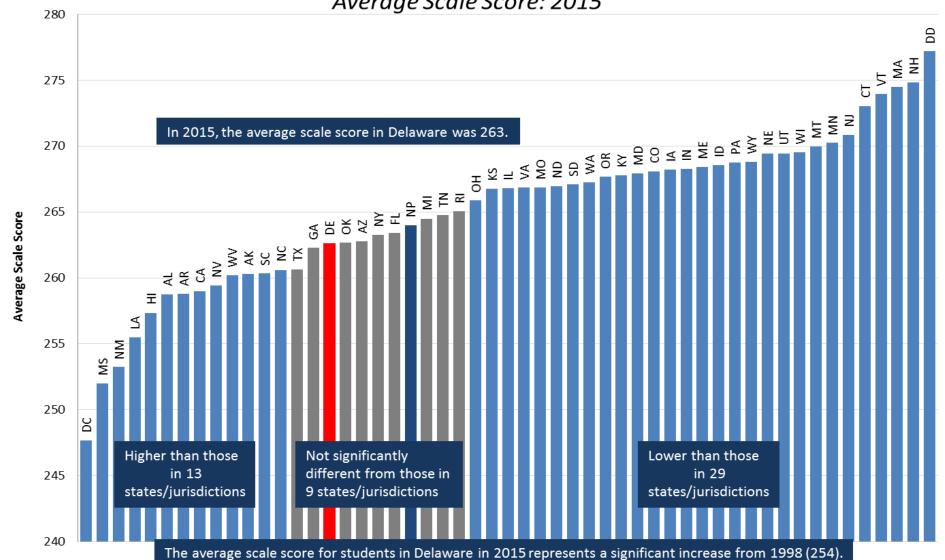






NAEP Reading Grade 8 – Overall



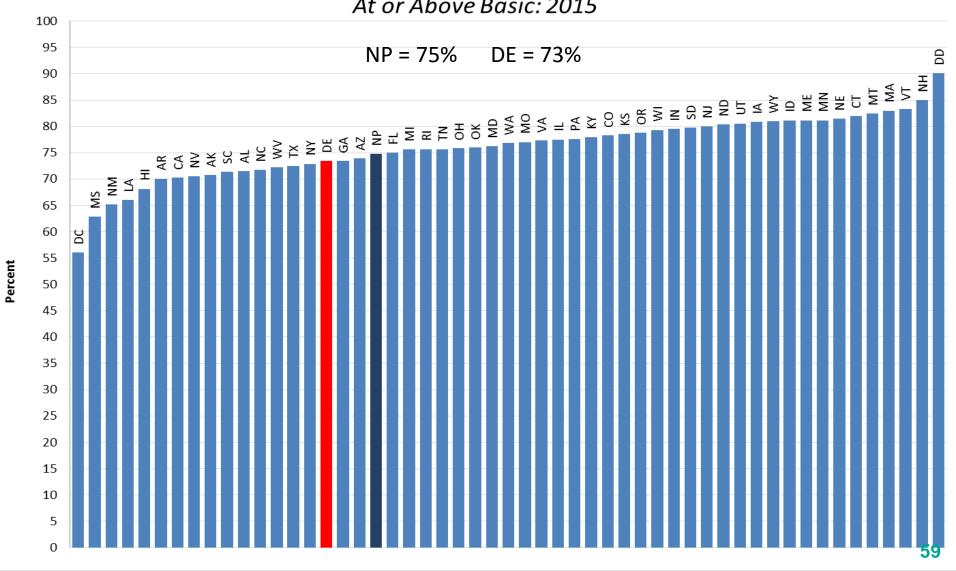




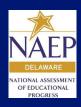


NAEP Reading Grade 8 – Overall

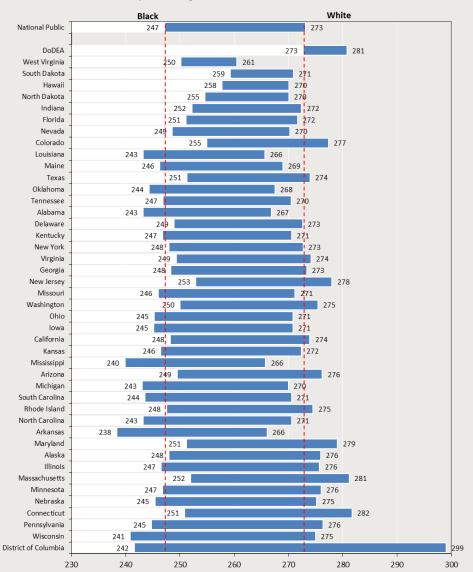
At or Above Basic: 2015



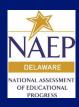




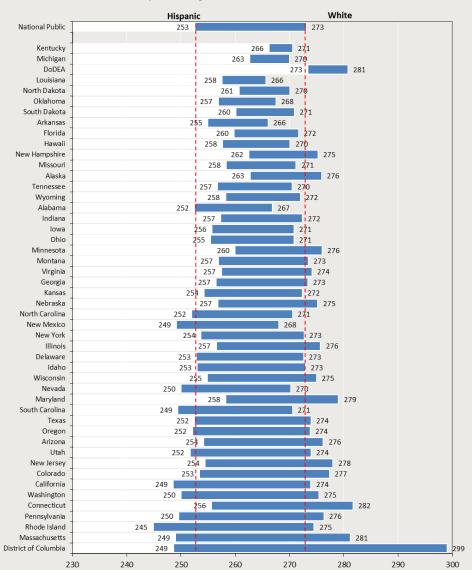
NAEP Reading Grade 8 – White - Black



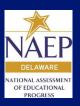




NAEP Reading Grade 8 - White - Hispanic







NAEP Reading Grade 8 - National School Lunch Eligibility

