

## Connecticut's Achievement Gap as Measured by NAEP

Achievement Gap Task Force Meeting  
December 12, 2011



### What is NAEP?

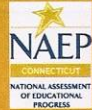
- National Assessment of Educational Progress
- Nation's Report Card
- Established by Congress in 1969 to answer questions about student academic performance
- The Nation's ONLY monitor of what students know and can do
  - “common yardstick”
- “Survey” design
  - National, regional and state-level results



## Overall NAEP Results 2003-2011

YEAR	GRADE 4		GRADE 8	
	AVG. SCALE SCORE	% OF STUDENTS AT/ABOVE PROFICIENT	AVG. SCALE SCORE	% OF STUDENTS AT/ABOVE PROFICIENT
<b>MATHEMATICS</b>				
2003	241	41*	284*	35
2005	242	42	281*	35
2007	243	45	282*	35
2009	245	46	289	40
2011	242	45	287	38
<b>READING</b>				
2003	228	43	267*	37*
2005	226	38	264*	34*
2007	227	41	267*	37*
2009	229	42	272*	43
2011	227	42	275	45

\* indicates a statistically significant difference when compared to performance in 2011.



## A Ranking of Selected Performance Gaps in Connecticut

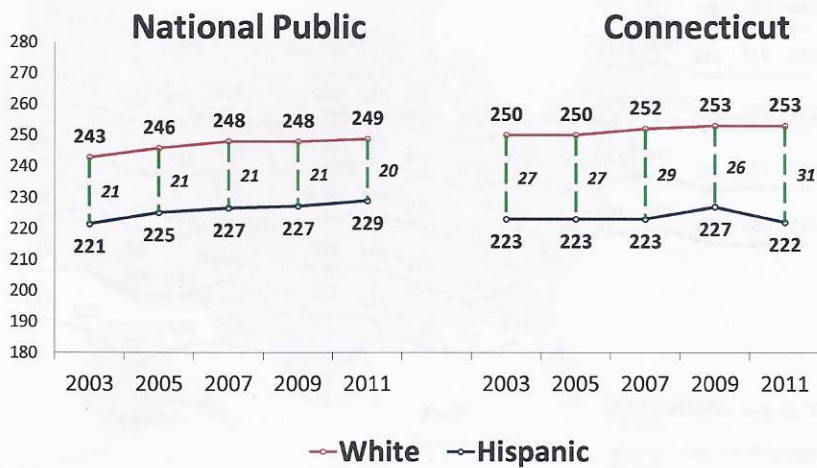
	MATHEMATICS		READING	
	Grade 4	Grade 8	Grade 4	Grade 8
White—Black	4	9	1	5
White—Hispanic	1	1	1	2
NSLP	1	1	1	5

Note: Reported ranks have not been tested for statistical significance.

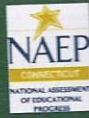
# MATHEMATICS ACHIEVEMENT GAPS



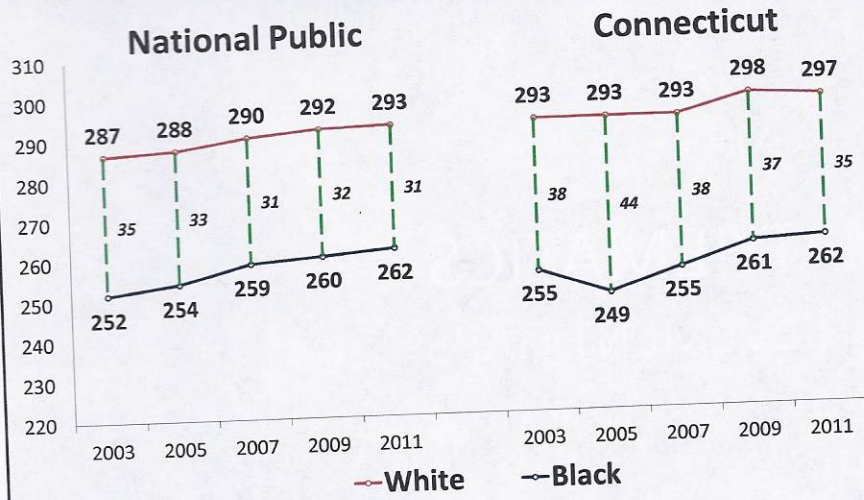
## Grade 4 Math Score Gap Comparison: White — Hispanic



NOTE: Observed differences are not necessarily statistically significant.



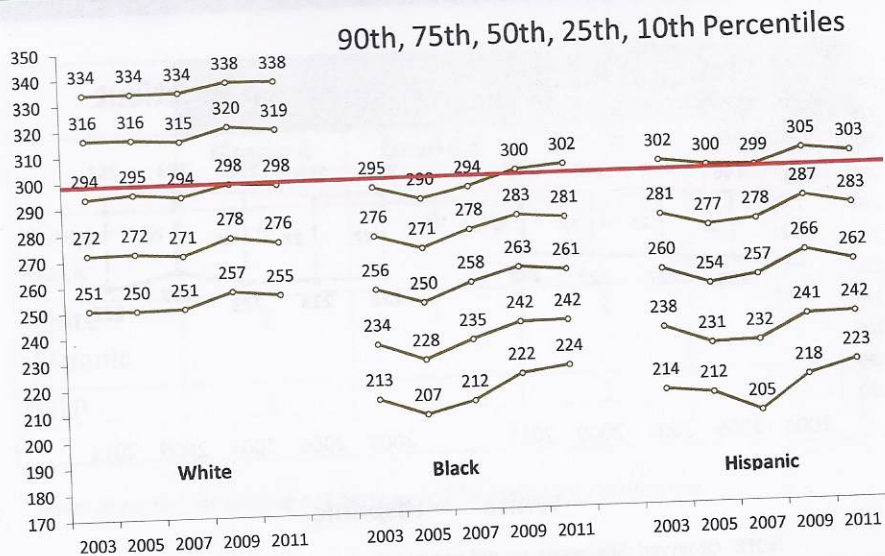
## Grade 8 Math Score Gap Comparison: White — Black



NOTE: Observed differences are not necessarily statistically significant.

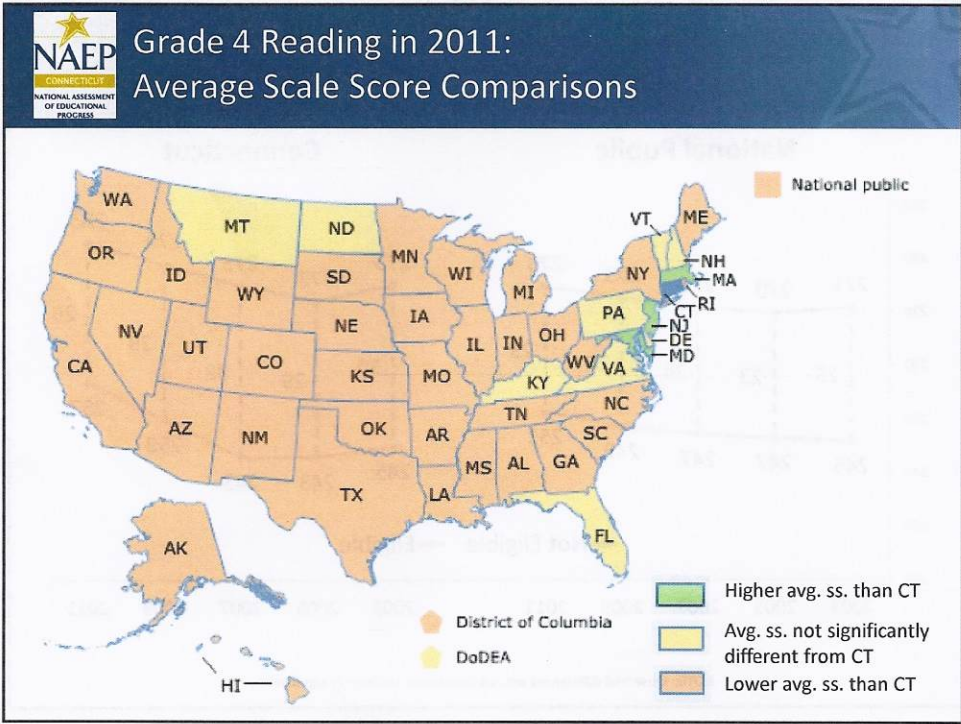


## Grade 8 Mathematics Results: Percentile Scores 2003-2011



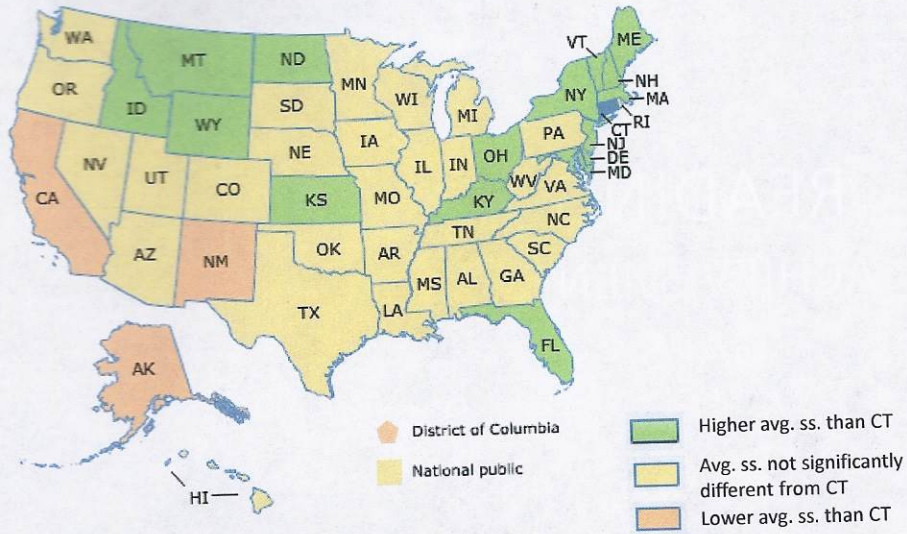
← Proficient

# READING ACHIEVEMENT GAPS

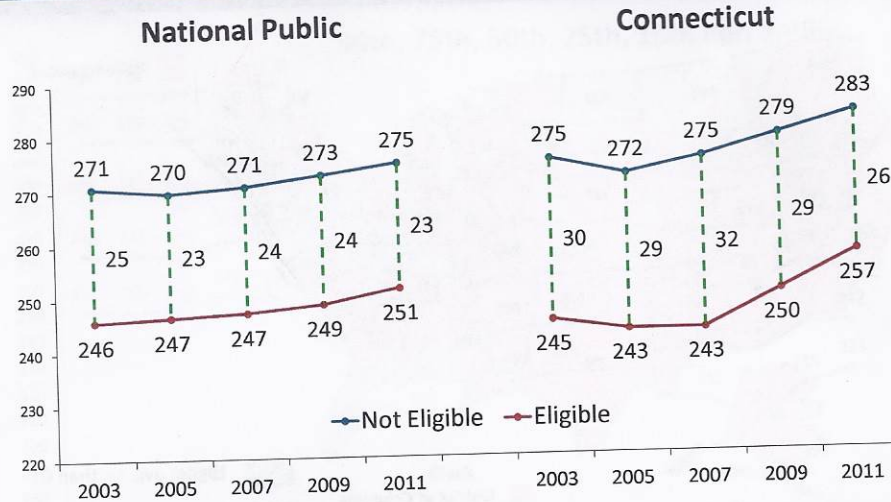




### Grade 4 Reading in 2011: Average Scale Score Comparisons for Economically Disadvantaged Students



### Grade 8 Reading Score Gap Comparison: NSLP Not Eligible and Eligible



NOTE: Observed differences are not necessarily statistically significant.



## CT Demographics and Performance by "Type of Location"

CT students attend schools in four types of locations/communities.

NAEP 2011	City	Suburb	Town	Rural
% of Grade 8 Students	25	56	6	13
Avg. Grade 8 Reading SS	261	278	279	284

The % of students who are economically disadvantaged in every type of location has increased.

NAEP Year	City %	Suburb %	Town %	Rural %
2007	55	18	19	8
2009	52	21	21	9
2011	62	24	23	16