

# 2013 NAEP

New Jersey Department of Education

# National Assessment of Educational Progress (NAEP)

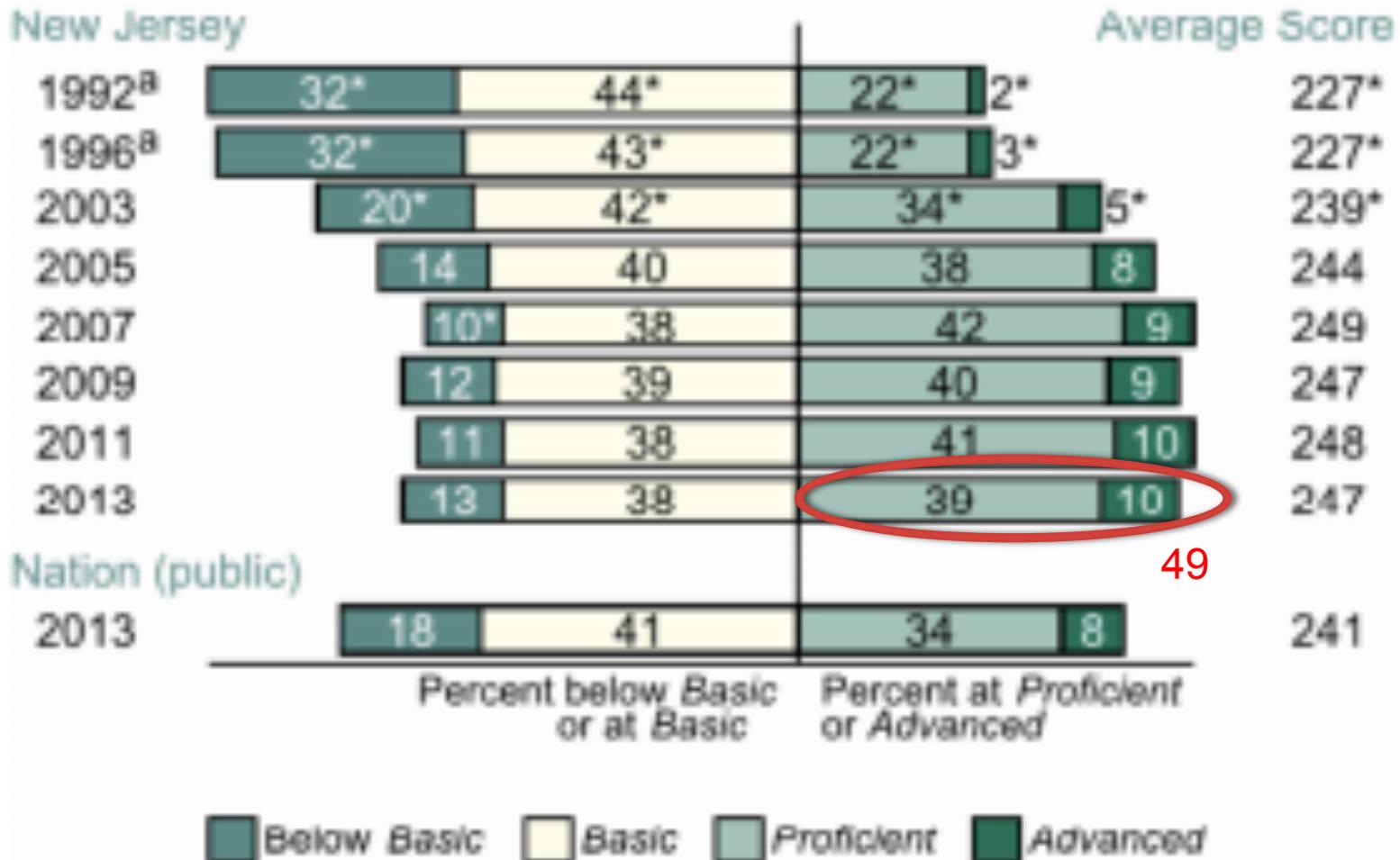
- Math and Reading tests based on nationally representative samples of fourth- and eighth-graders.
  - About 170,000 to 190,000 students participate nationwide.
- 12<sup>th</sup> Grade – 13 States participated in 2013
- Changes in students' performance over time are noted only if differences in scores or percentages are determined to be statistically significant ( $p < .05$ )

# New Jersey's NAEP Comparisons

	2011	2013
4 <sup>th</sup> Grade Reading	2 <sup>nd</sup>	2 <sup>nd</sup>
8 <sup>th</sup> Grade Reading	1 <sup>st</sup>	1 <sup>st</sup>
4 <sup>th</sup> Grade Math	3 <sup>rd</sup>	4 <sup>th</sup>
8 <sup>th</sup> Grade Math	2 <sup>nd</sup>	2 <sup>nd</sup>
12 <sup>th</sup> Grade Reading	3 <sup>rd</sup> (of 11 Participating States)	3 <sup>rd</sup> (of 13 Participating States)
12 <sup>th</sup> Grade Math	4 <sup>th</sup> (of 11 Participating States)	1 <sup>st</sup> (of 13 Participating States)

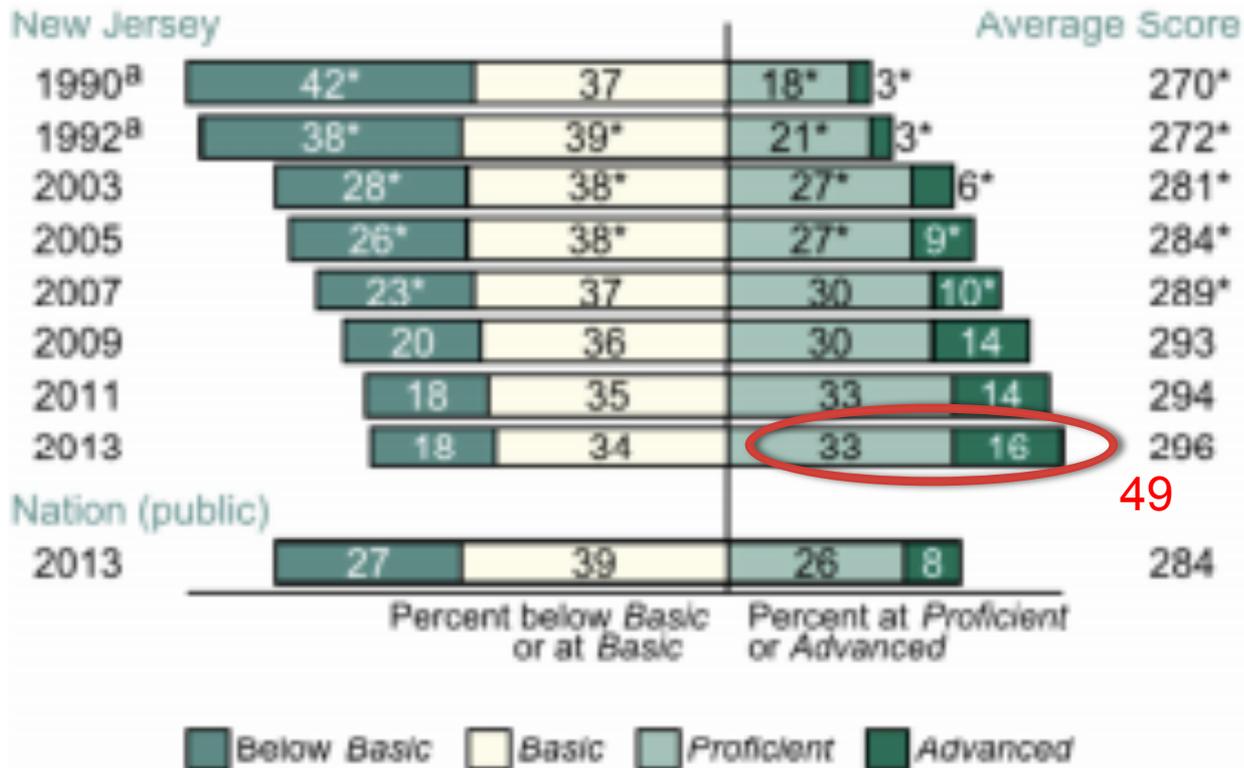
# NAEP Outcomes: 4<sup>th</sup> Grade Math

## Achievement-Level Percentages and Average Score Results



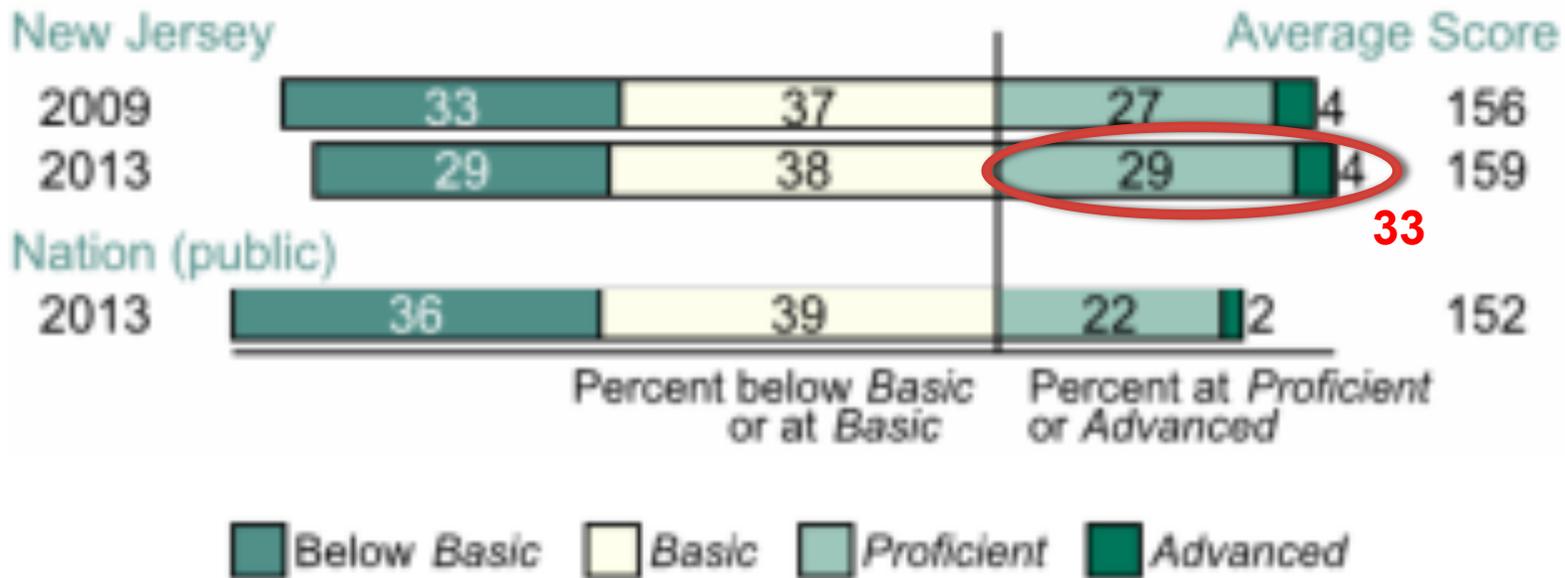
# NAEP Outcomes: 8<sup>th</sup> Grade Math

Achievement-Level Percentages and Average Score Results



# NAEP Outcomes: 12th Grade Math

## Achievement-Level Percentages and Average Score Results



NOTE: Detail may not sum to totals because of rounding.

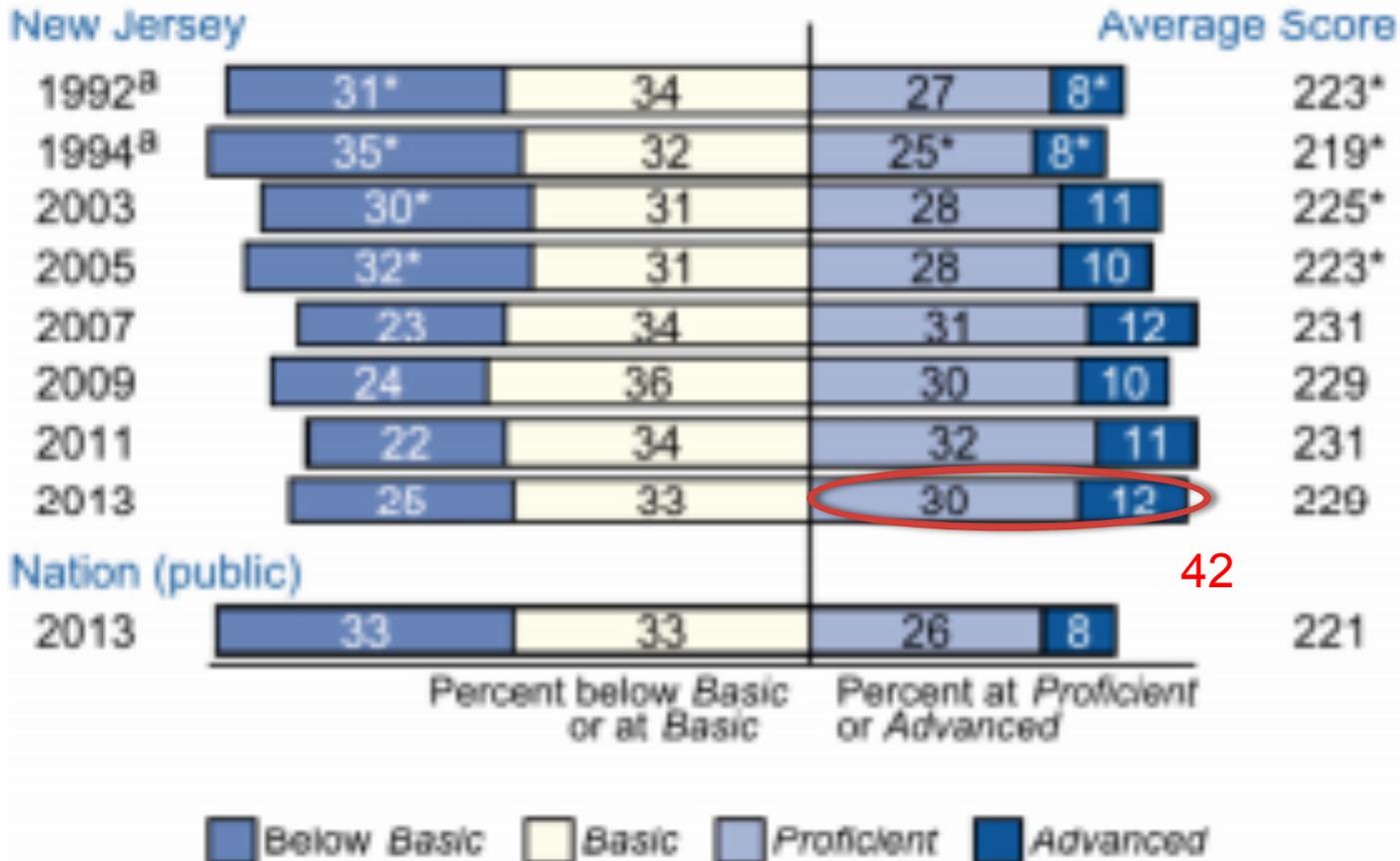
# Achievement Gaps - Math

## Results for Student Groups in 2013

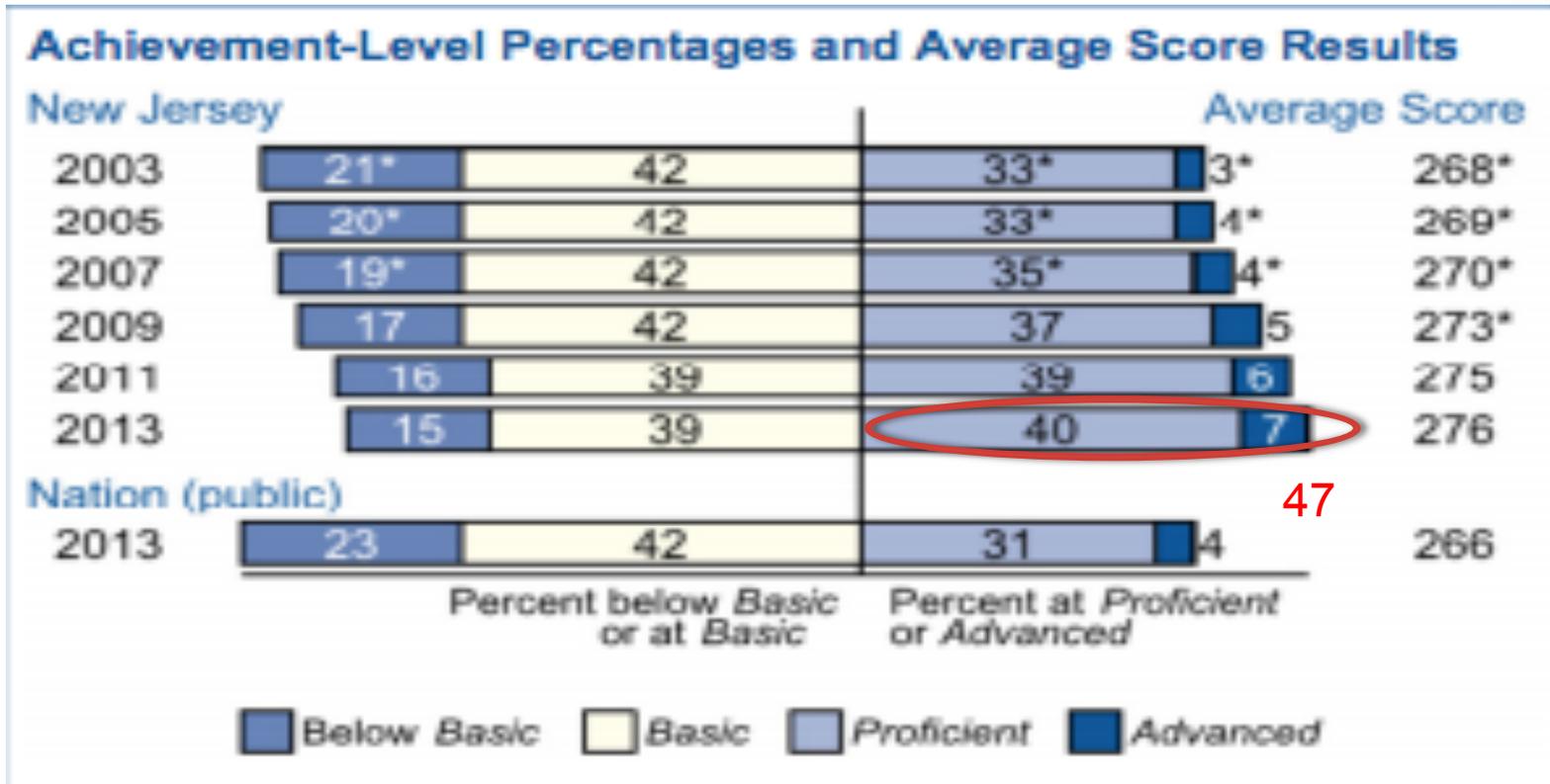
Reporting Groups	Percent of students	Avg. score	Percentages at or above		Percent at Advanced
			Basic	Proficient	
<b>Race/Ethnicity</b>					
White	57	166	79	39	4
Black	14	139	50	10	#
Hispanic	19	143	54	14	1
Asian	9	182	89	61	15
American Indian/Alaska Native	#	‡	‡	‡	‡
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	#	‡	‡	‡	‡
<b>Gender</b>					
Male	50	159	70	33	4
Female	50	159	71	32	3

# NAEP Outcomes: 4<sup>th</sup> Grade Reading

## Achievement-Level Percentages and Average Score Results

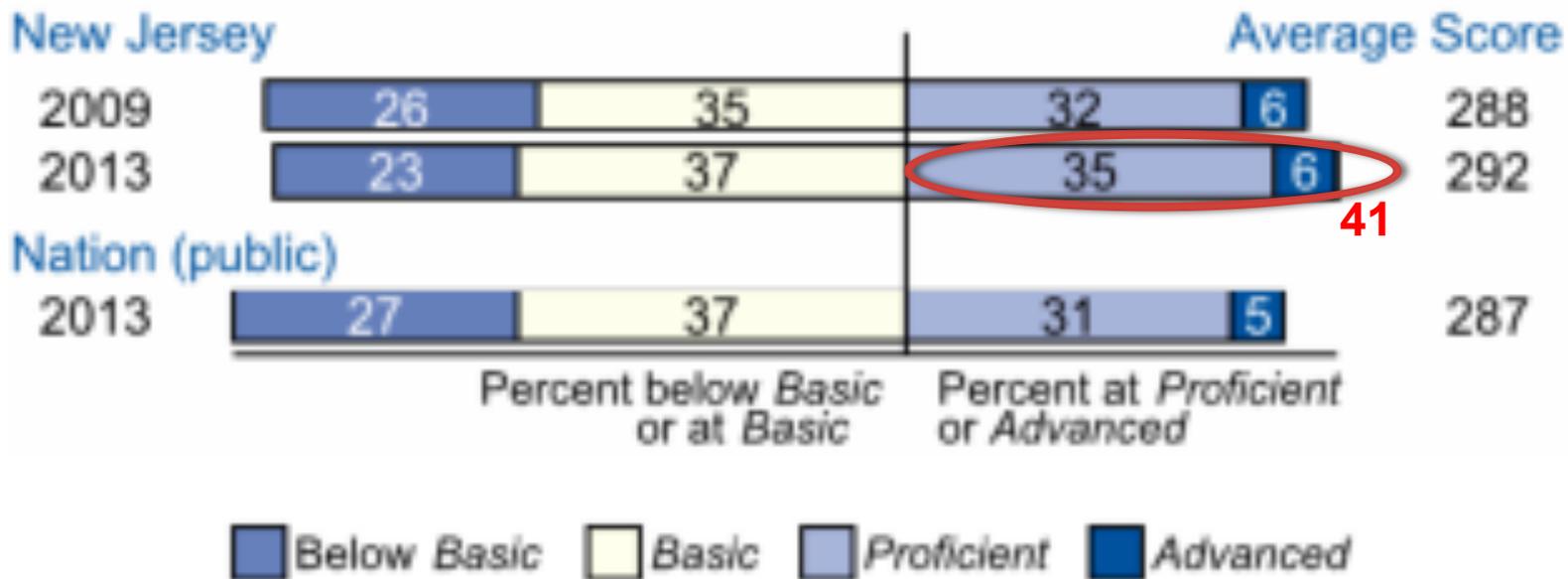


# NAEP Outcomes: 8<sup>th</sup> Grade Reading



# NAEP Outcomes: 12<sup>th</sup> Grade Reading

## Achievement-Level Percentages and Average Score Results



NOTE: Detail may not sum to totals because of rounding.

# Achievement Gaps - Reading

## Results for Student Groups in 2013

Reporting Groups	Percent of students	Avg. score	Percentages at or above		Percent at Advanced
			Basic	Proficient	
<b>Race/Ethnicity</b>					
White	57	300	85	51	8
Black	14	270	58	19	2
Hispanic	19	275	64	20	1
Asian	9	306	88	57	11
American Indian/Alaska Native	#	‡	‡	‡	‡
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	#	‡	‡	‡	‡
<b>Gender</b>					
Male	50	287	74	37	4
Female	50	296	81	45	8

# NAGB's definition of College and Career Readiness, Reading – August 2013

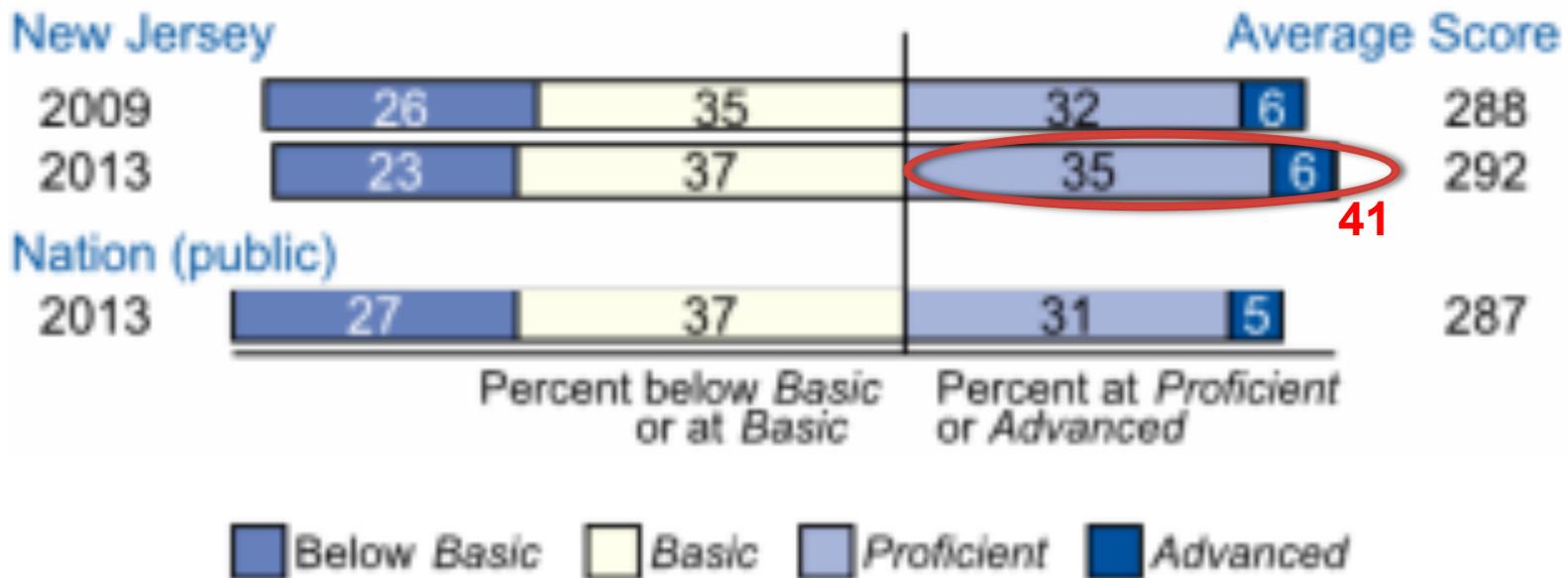
**Reading:** Given the design, content, and characteristics of the NAEP 12<sup>th</sup> grade reading assessment, and the strength of relationships between NAEP scores and NAEP content to other relevant measures of college academic preparedness:

**the percentage of students scoring at or above a score of 302 on Grade 12 NAEP in reading is a plausible estimate of the percentage of students who possess the knowledge, skills, and abilities in reading that would make them academically prepared for college.**

A score of 302 corresponds to the cut-score for the **Proficient** achievement level in 12<sup>th</sup> grade reading.

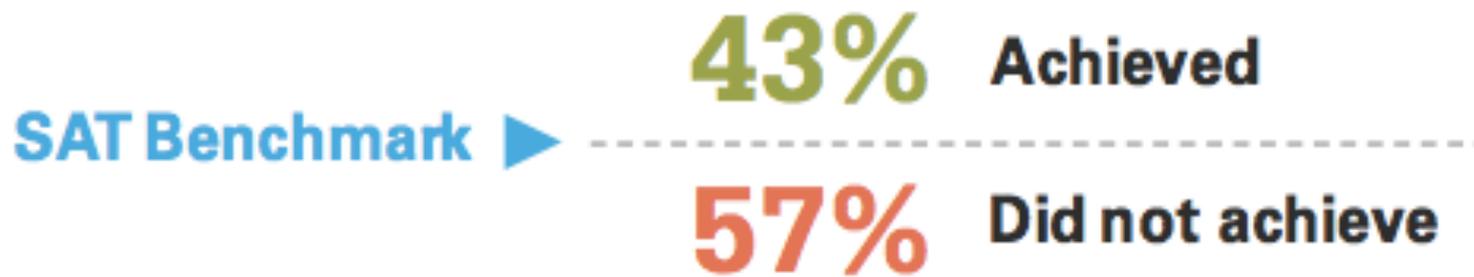
# NAEP Outcomes: 12<sup>th</sup> Grade Reading

## Achievement-Level Percentages and Average Score Results



NOTE: Detail may not sum to totals because of rounding.

# Meeting the SAT College & Career Readiness Benchmark, NJ Statewide Outcomes 2013



# English Language Arts (ELA) Proficient and Above, By Grade

Grade Level	2009	2010	2011	2012	2013	Difference 2012-2013
Third	62.8	59.7	63.1	66.8	66.3	-0.5
Fourth	63.0	59.5	62.8	58.6	59.6	1.0
Fifth	65.8	63.0	61.0	62.1	61.2	-0.9
Sixth	69.7	65.3	66.8	64.6	66.1	1.5
Seventh	71.9	69.0	63.4	61.0	65.0	4.0
Eighth	81.7	82.2	82.0	82.0	81.4	-0.6
<b>NJASK Aggregate</b>	<b>69.2</b>	<b>66.5</b>	<b>66.6</b>	<b>65.9</b>	<b>66.7</b>	<b>0.8</b>
<b>HSPA Aggregate</b>	<b>87.4</b>	<b>89.1</b>	<b>90.7</b>	<b>92.7</b>	<b>93.6</b>	<b>0.9</b>