

# NAEP

## National Assessment of Educational Progress

### MATHEMATICS

4<sup>th</sup> and 8<sup>th</sup> Grade  
2009 Trial Urban District Assessment  
New York City Highlights

# NAEP MATH RESULTS

STATISTICAL SIGNIFICANCE

AVERAGE SCALE SCORES

NEW YORK CITY

	<i>All Students, Grade 4</i>	<i>All Students, Grade 8</i>	<i>Free/Reduced Lunch, Grade 4</i>	<i>Free/Reduced Lunch, Grade 8</i>	<i>Black Students, Grade 4</i>	<i>Black Students, Grade 8</i>	<i>Hispanic Students, Grade 4</i>	<i>Hispanic Students, Grade 8</i>	<i>White Students, Grade 4</i>	<i>White Students, Grade 8</i>
2003 to 2009	✓	✓	✓	✓	✓	✓	✓	X	✓	X

✓ = Statistically Significant Gain

X = Not Statistically Significant Gain

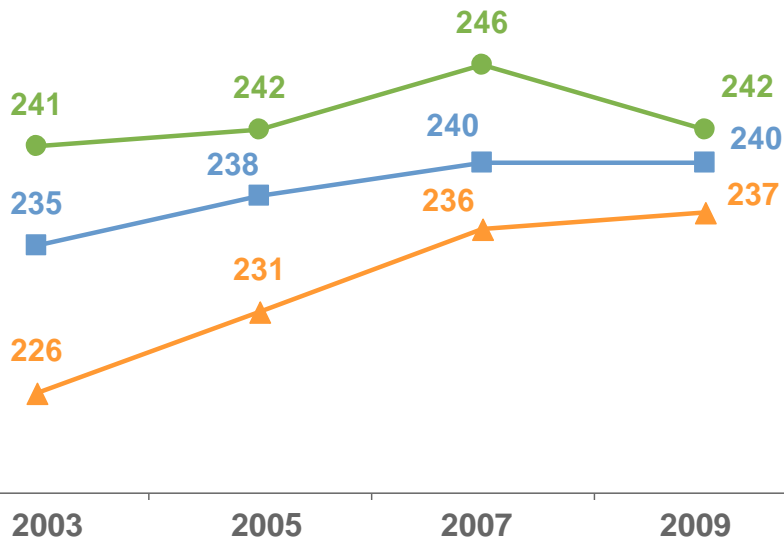
# NAEP RESULTS

## ALL STUDENTS, MATH GRADES 4 & 8 AVERAGE SCALE SCORES

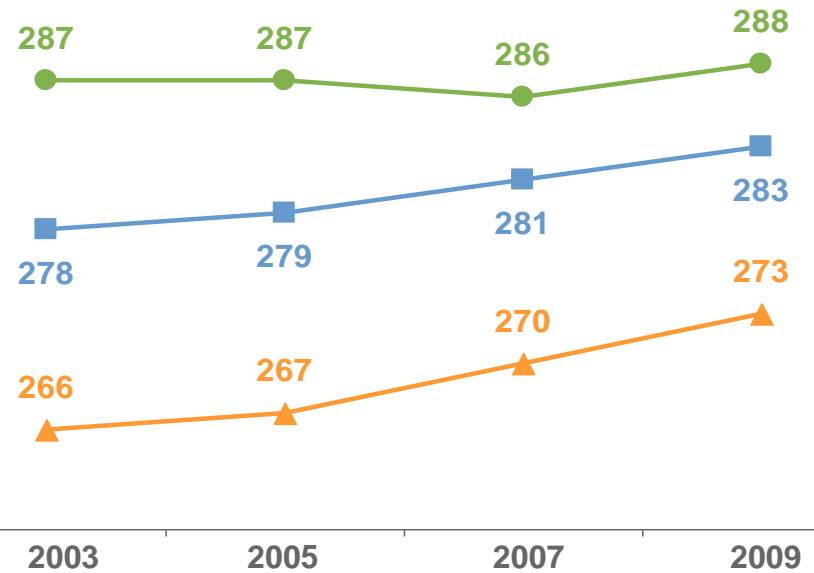
	2007-2009 Change	2003-2009 Change
Rest Of State	- 4	+ 1
Nation	+ 0	+ 5
New York City	+ 1	+ 11

	2007-2009 Change	2003-2009 Change
Rest Of State	+ 2	+ 1
Nation	+ 2	+ 5
New York City	+ 3	+ 7

### GRADE 4



### GRADE 8



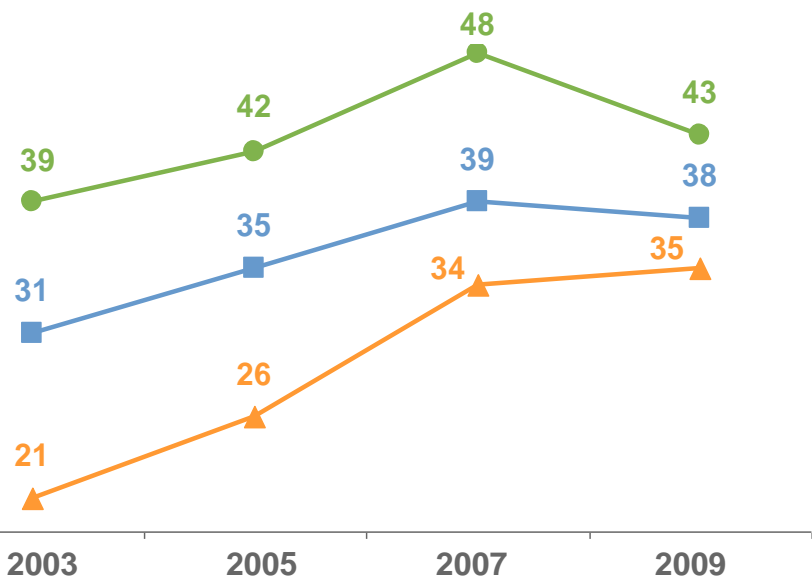
# NAEP RESULTS

## ALL STUDENTS, MATH GRADES 4 & 8 PERCENT AT OR ABOVE PROFICIENT

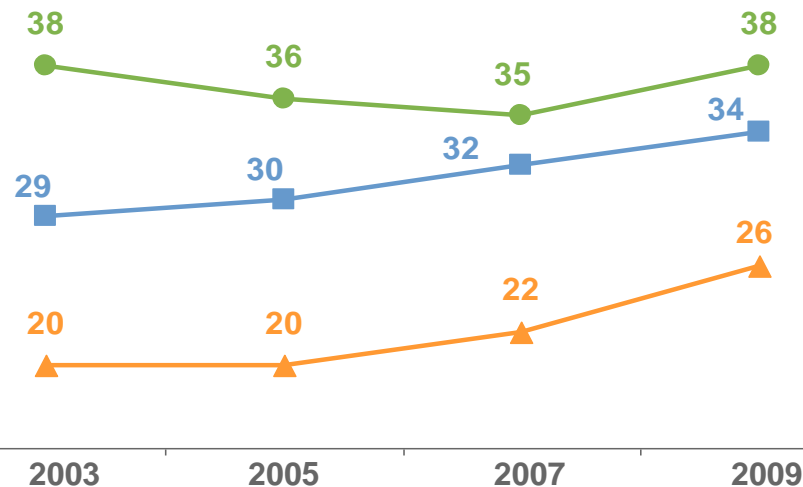
	2007-2009 Change	2003-2009 Change
Rest Of State	- 5	+ 4
Nation	- 1	+ 7
New York City	+ 1	+ 14

	2007-2009 Change	2003-2009 Change
Rest Of State	+ 3	+ 0
Nation	+ 2	+ 5
New York City	+ 4	+ 6

### GRADE 4



### GRADE 8



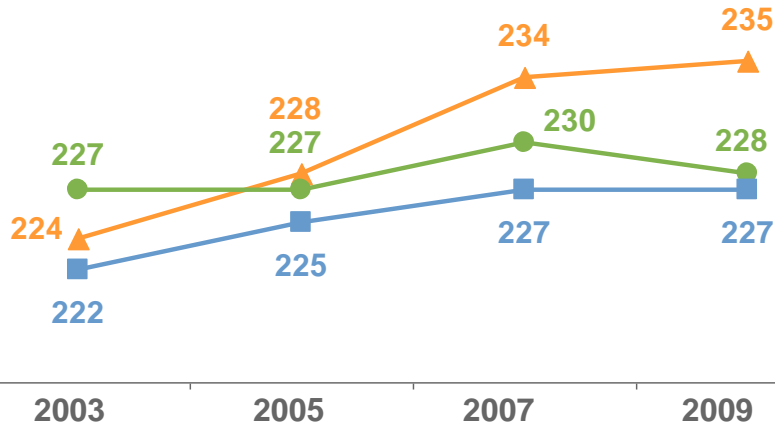
# NAEP RESULTS

## FREE/REDUCED LUNCH STUDENTS, MATH GRADES 4 & 8 AVERAGE SCALE SCORE

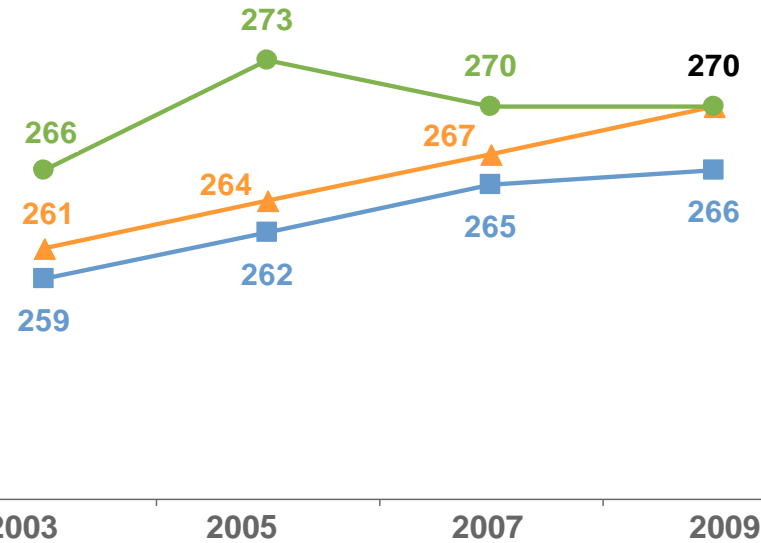
	2007-2009 Change	2003-2009 Change
Rest Of State	- 2	+ 1
Nation	0	+ 5
New York City	+ 1	+ 11

	2007-2009 Change	2003-2009 Change
Rest Of State	0	+ 4
Nation	+ 1	+ 7
New York City	+ 3	+ 9

### GRADE 4



### GRADE 8



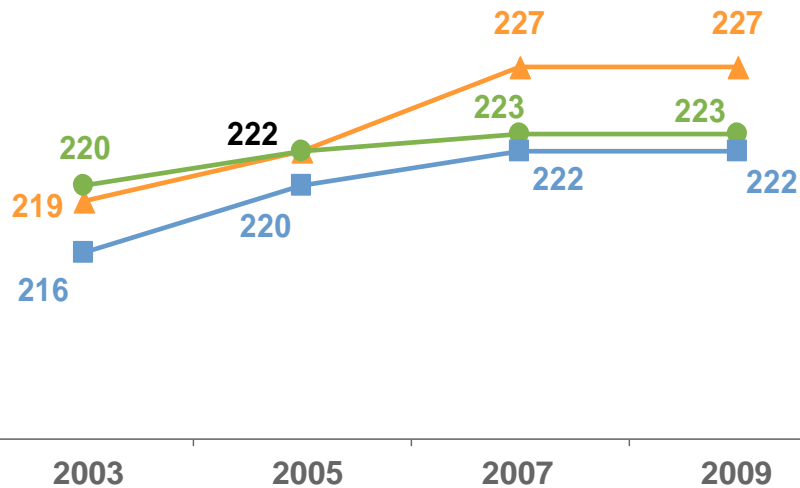
# NAEP RESULTS

## BLACK STUDENTS, MATH GRADES 4 & 8 AVERAGE SCALE SCORE

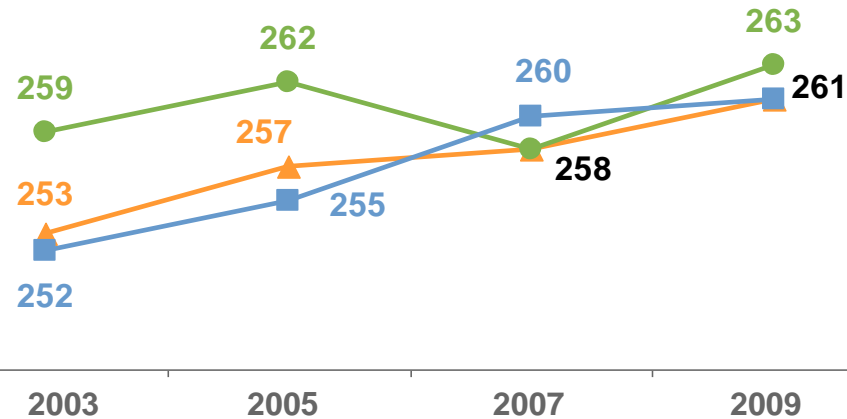
	2007-2009 Change	2003-2009 Change
Rest Of State	0	+ 3
Nation	0	+ 6
New York City	0	+ 8

	2007-2009 Change	2003-2009 Change
Rest Of State	+ 5	+ 4
Nation	+ 1	+ 9
New York City	+ 3	+ 8

### GRADE 4



### GRADE 8



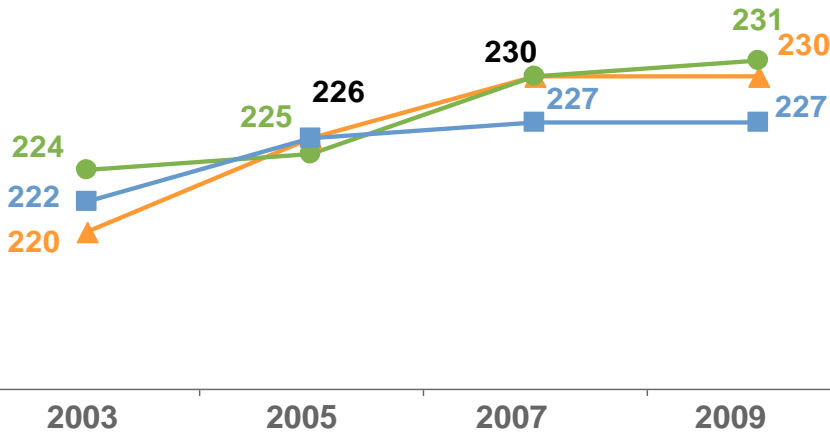
# NAEP RESULTS

## HISPANIC STUDENTS, MATH GRADES 4 & 8 AVERAGE SCALE SCORE

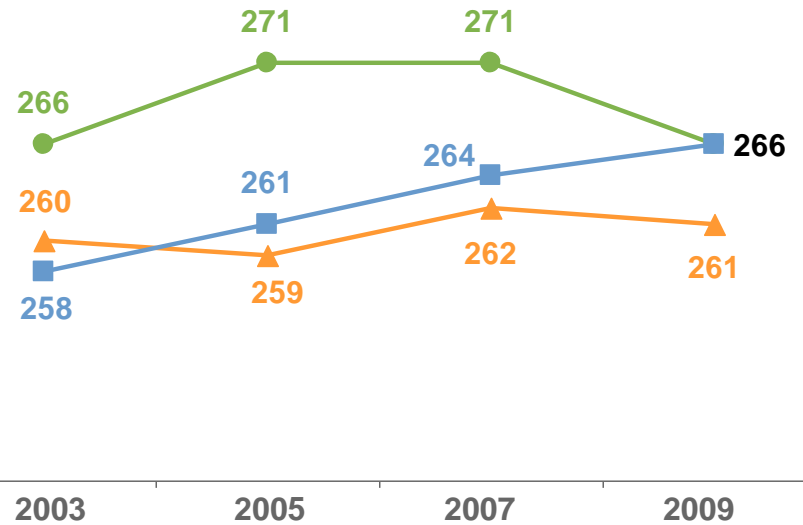
	2007-2009 Change	2003-2009 Change
Rest Of State	+ 1	+ 7
Nation	0	+ 5
New York City	0	+ 10

	2007-2009 Change	2003-2009 Change
Rest Of State	- 5	+ 0
Nation	+ 2	+ 8
New York City	- 1	+ 1

### GRADE 4



### GRADE 8



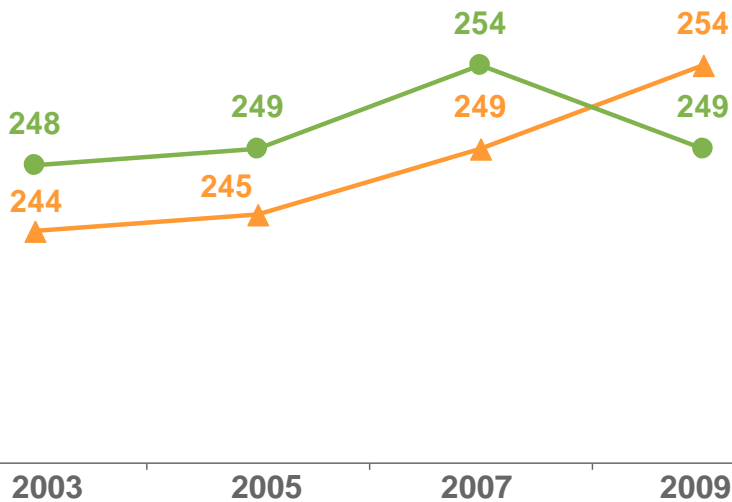
# NAEP RESULTS

## WHITE STUDENTS, MATH GRADES 4 & 8 AVERAGE SCALE SCORES

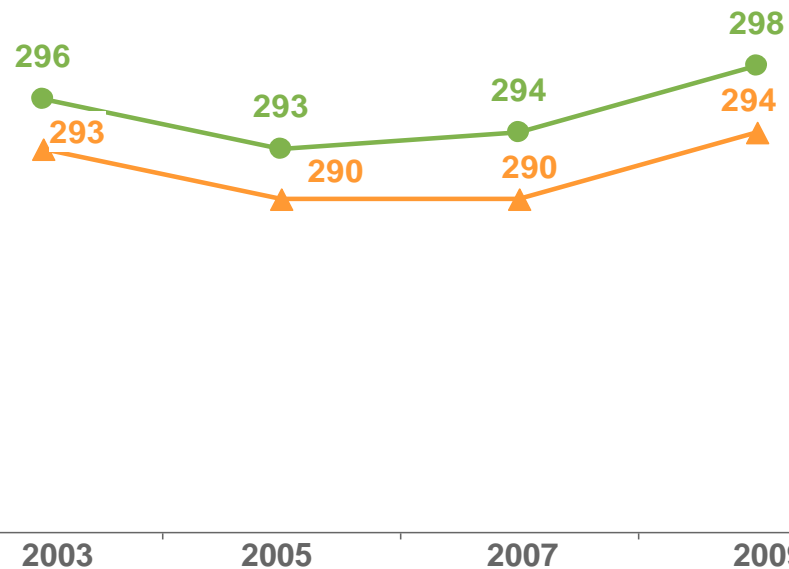
	2007-2009 Change	2003-2009 Change
NYS: Suburban	- 5	+ 1
New York City	+ 5	+ 10

	2007-2009 Change	2003-2009 Change
NYS: Suburban	+ 4	+ 2
New York City	+ 4	+ 1

### GRADE 4



### GRADE 8



▲ New York City ● NYS Suburban

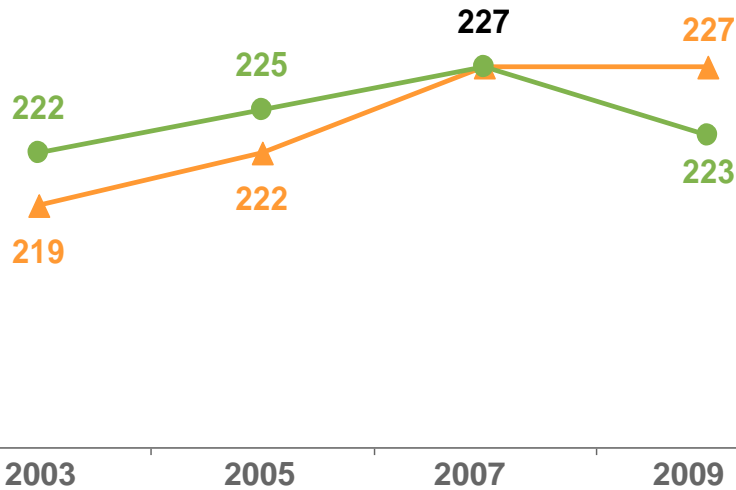
# NAEP RESULTS

## BLACK STUDENTS, MATH GRADES 4 & 8 AVERAGE SCALE SCORE

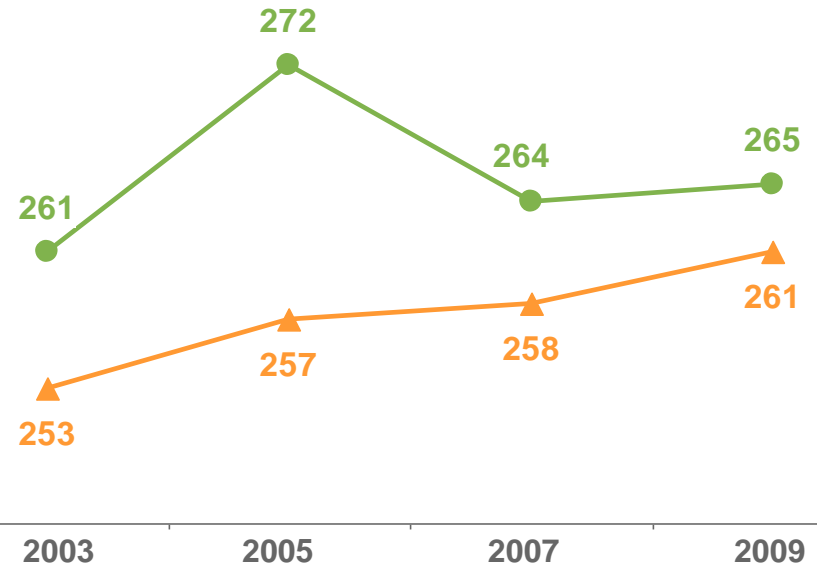
	2007-2009 Change	2003-2009 Change
NYS: Suburban	- 4	+ 1
New York City	0	+ 8

	2007-2009 Change	2003-2009 Change
NYS: Suburban	+ 1	+4
New York City	+ 3	+ 8

### GRADE 4



### GRADE 8



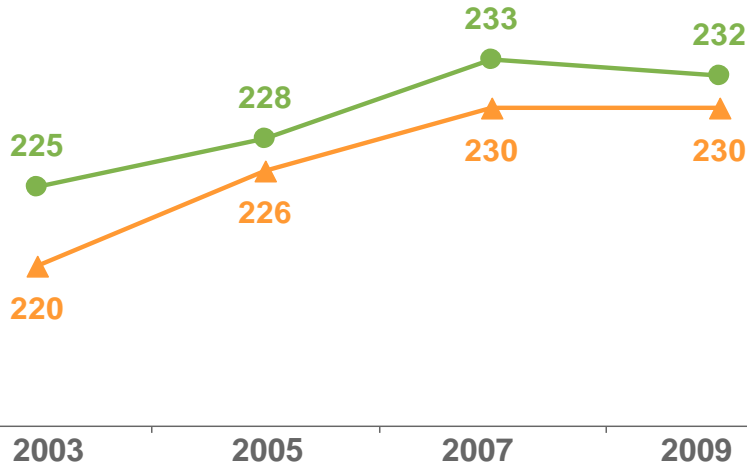
# NAEP RESULTS

## HISPANIC STUDENTS, MATH GRADES 4 & 8 AVERAGE SCALE SCORE

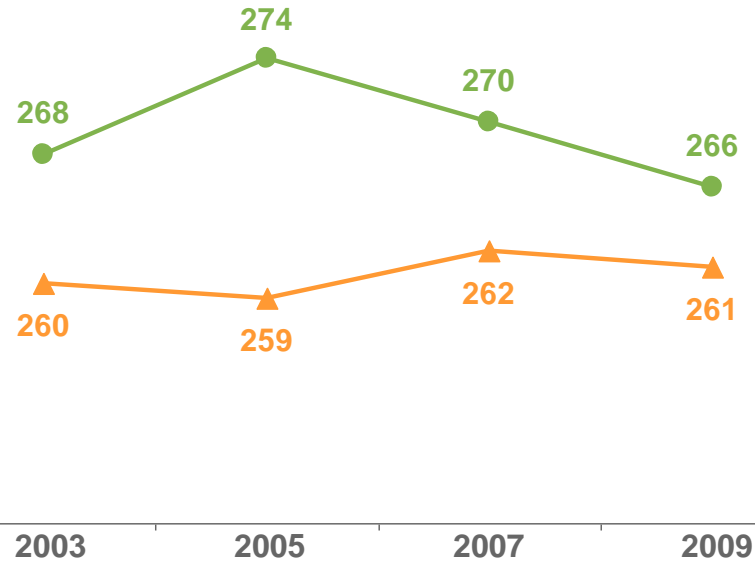
	2007-2009 Change	2003-2009 Change
NYS: Suburban	- 1	+ 7
New York City	0	+ 10

	2007-2009 Change	2003-2009 Change
NYS: Suburban	- 4	- 2
New York City	- 1	+ 1

### GRADE 4



### GRADE 8



# NAEP & NY STATE TEST RESULTS

## NYC MATH PERFORMANCE AVERAGE SCALE SCORES

### GAP BETWEEN NYC AND THE REST OF NY STATE

#### 4<sup>th</sup> Grade

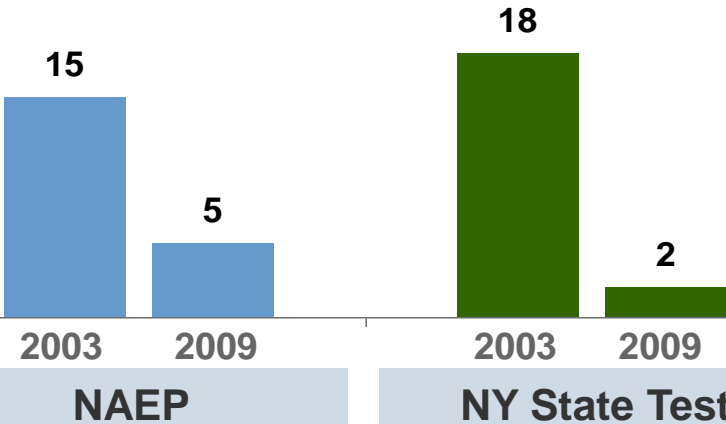
03-09 NYC / ROS Gap Reduction

NAEP

67%

NY State Test

89%



#### 8<sup>th</sup> Grade

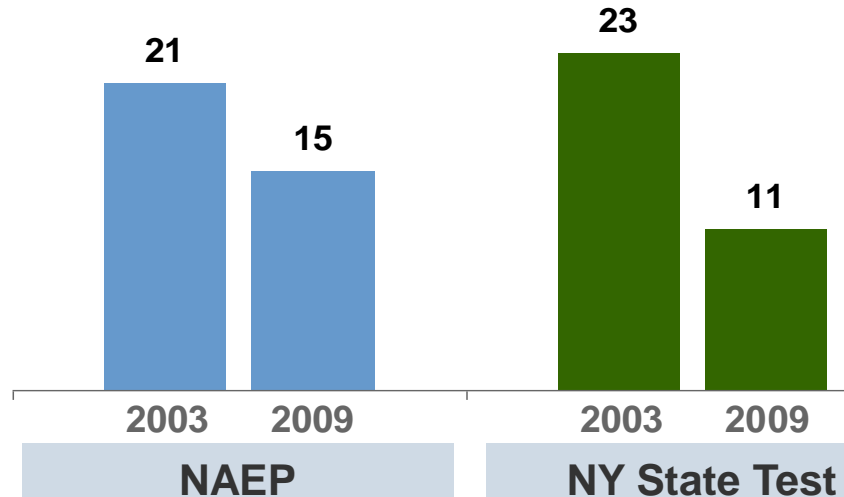
03-09 NYC / ROS Gap Reduction

NAEP

29%

NY State Test

52%



# NAEP & NY STATE TEST RESULTS

## NYC MATH PERFORMANCE PERCENT AT OR ABOVE PROFICIENT

### GAP BETWEEN NYC AND THE REST OF NY STATE

#### 4<sup>th</sup> Grade

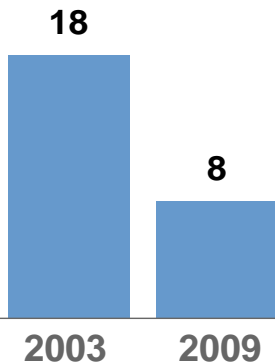
03-09 NYC / ROS Gap Reduction

NAEP

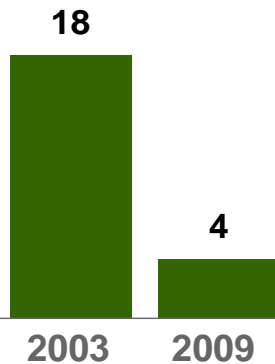
56%

NY State Test

78%



NAEP



NY State Test

#### 8<sup>th</sup> Grade

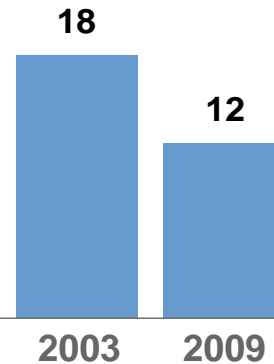
03-09 NYC / ROS Gap Reduction

NAEP

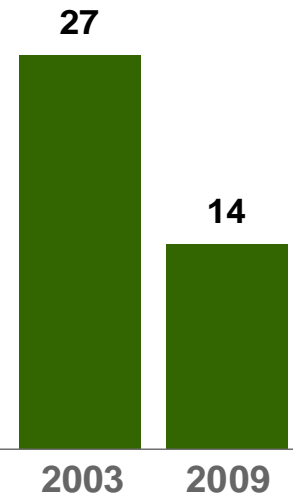
33%

NY State Test

48%



NAEP



NY State Test



Department of  
Education

Joel I. Klein, Chancellor

Research and Policy Support Group