

2014 New York State Test Results: New York City Grades 3–8

August 2014

The Common Core State Standards Initiative

The Common Core standards provide a roadmap for what students should know and be able to do in each grade—from pre-K to 12—to graduate prepared for college and careers.



COMMON CORE
STATE STANDARDS INITIATIVE
PREPARING AMERICA'S STUDENTS FOR COLLEGE & CAREER

The Common Core standards are:

- > Aligned with college and workplace expectations
- > Focused on developing higher-order skills to solve complex problems
- > In line with other high-performing countries
- > Based on evidence and research

New York State is one of 43 states, as well as the District of Columbia, to have adopted the Common Core standards and *New York City* is among the leading districts in the nation integrating these standards into classrooms.

4th-grade Common Core Questions Are More Rigorous

2012

2014

Math

The diagram below shows a rectangle divided into equal sections. What fraction of the rectangle is shaded?



- A: $1/2$
- B: $1/4$
- C: $2/3$
- D: $2/5$

On this year's Common Core questions, students had to solve more problems that included multiple steps and could not be determined by one, simple calculation.

English

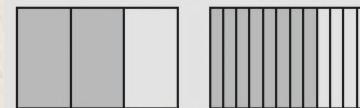
This story is mostly about how:

- A: being good at sports takes practice
- B: playing sports with a friend can be fun
- C: being an athlete means trying many sports
- D: playing sports is better than watching sports

Students read a text about a bear playing sports.

This year's English questions included texts that were on grade-level and had more rigorous vocabulary words; students needed to be able to cite evidence to support their answer, not just share their opinion.

Carter shaded the two same-sized models below to represent the fractions $2/3$ and $8/12$. Carter believed that $2/3$ is equivalent to $8/12$. Why is he correct or incorrect?



- A: He is incorrect because the numerator and denominator are different in $2/3$ and $8/12$.
- B: He is incorrect because the numerator and denominator in $8/12$ are greater than in $2/3$.
- C: He is correct because adding the same number to the numerator and denominator in $2/3$ equals $8/12$.
- D: He is correct because multiplying the numerator and denominator in $2/3$ by the same number equals $8/12$.

How are the topics of "Call of the Wild" and "Elephants Don't Wear Boots" similar? How are the topics of both articles different? Use details from both articles to support your response.

In your response, be sure to

- explain how the topics of "Call of the Wild" and "Elephants Don't Wear Boots" are similar
- explain how the topics of both articles are different
- use details from both articles to support your response

Students read one text about the needs of animals kept in zoo habitats and a second text about the challenges of providing shelter and protection for zoo animals.

Multiple Measures For Understanding Student Achievement and School Performance

The annual New York State Math and ELA assessments are just one of many measures of student learning. Principals, teachers, and parents are also encouraged to consider other sources of information to understand student achievement and school performance, including:

- > Course grades and report card comments
- > Student writing samples
- > Projects and other assignments
- > Other performance-based student work
- > Students' social-emotional development and other non-cognitive skills
- > Results of assessments used for the Local Measures component of teacher evaluation
- > Results of Periodic Assessments
- > Schools' Quality Review reports
- > Student, teacher, and parent responses on annual NYC School Survey

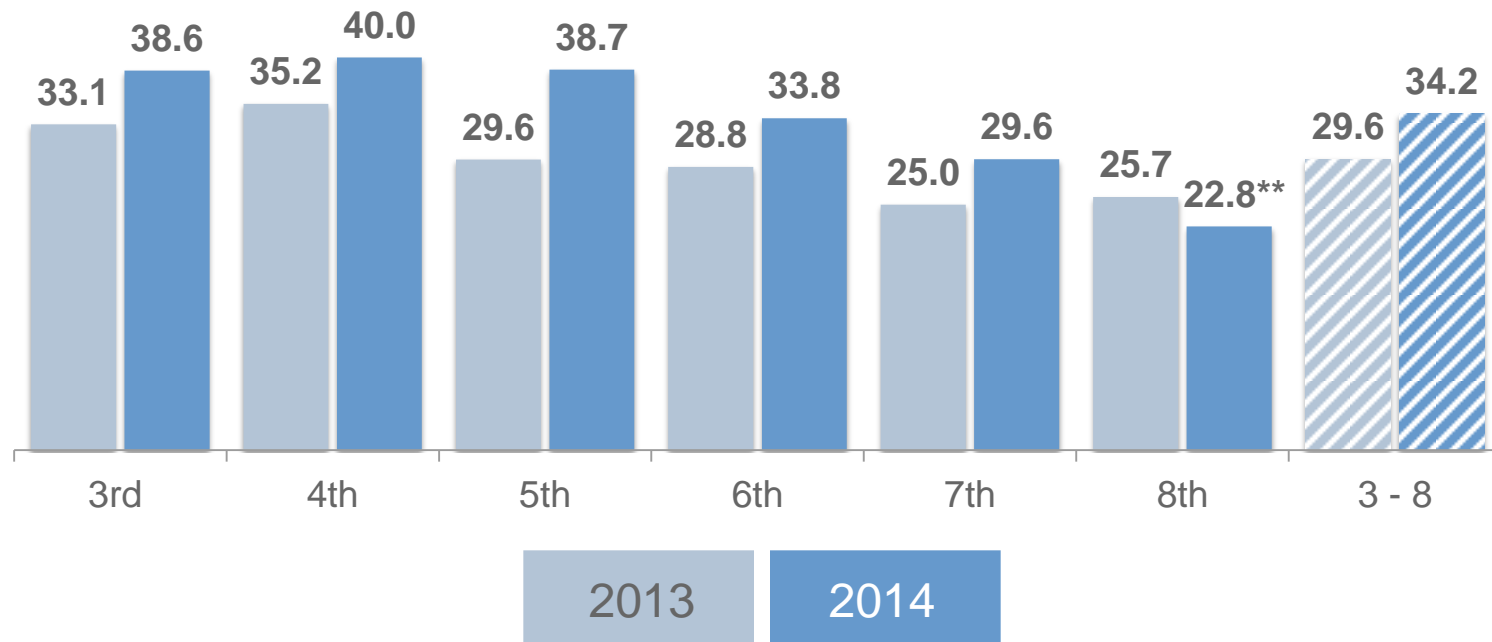
Proficiency Rates for NYC Students in Math

Percent of NYC Students At or Above Proficient in 2013 and 2014, by Grade

Math

Percentage Point and Percent Change from 2013 to 2014

+ 5.5 pts	+ 4.7 pts	+ 9.2 pts	+ 5.0 pts	+ 4.6 pts	- 3.0 pts**	+ 4.6 pts
+ 16.6%	+ 13.4%	+ 31.0%	+ 17.2%	+ 18.5%	- 11.6%**	+ 15.6%



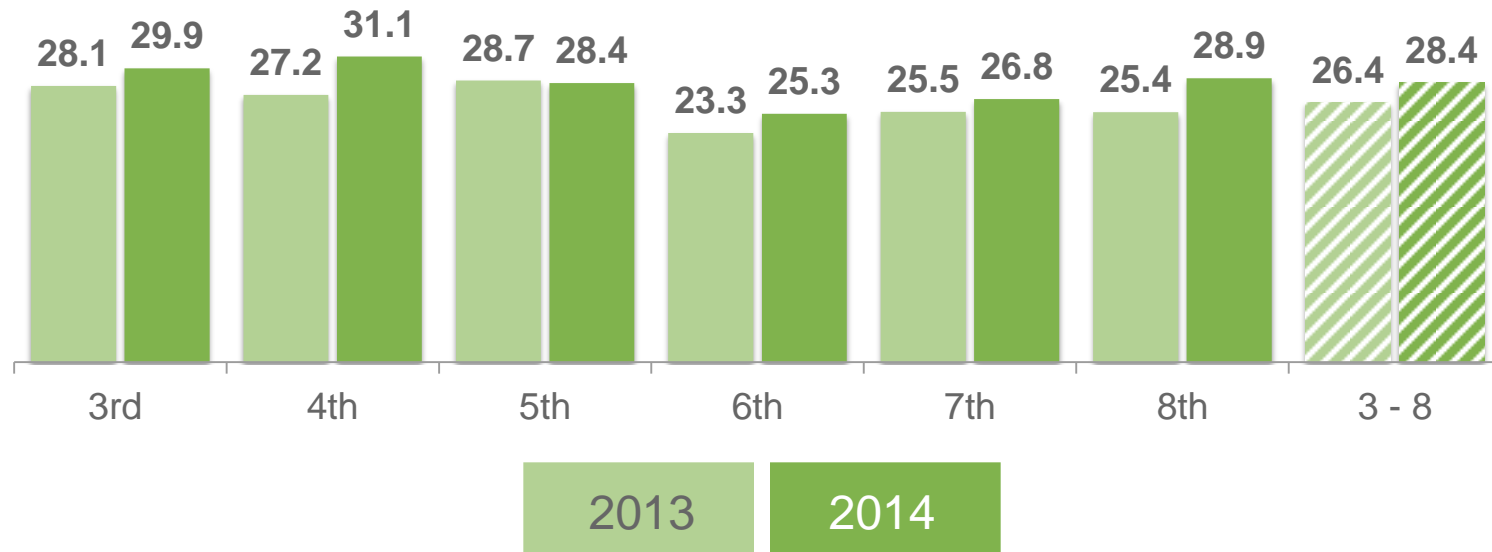
Proficiency Rates for NYC Students in English

Percent of NYC Students At or Above Proficient in 2013 and 2014, by Grade

English

Percentage Point and Percent Change from 2013 to 2014

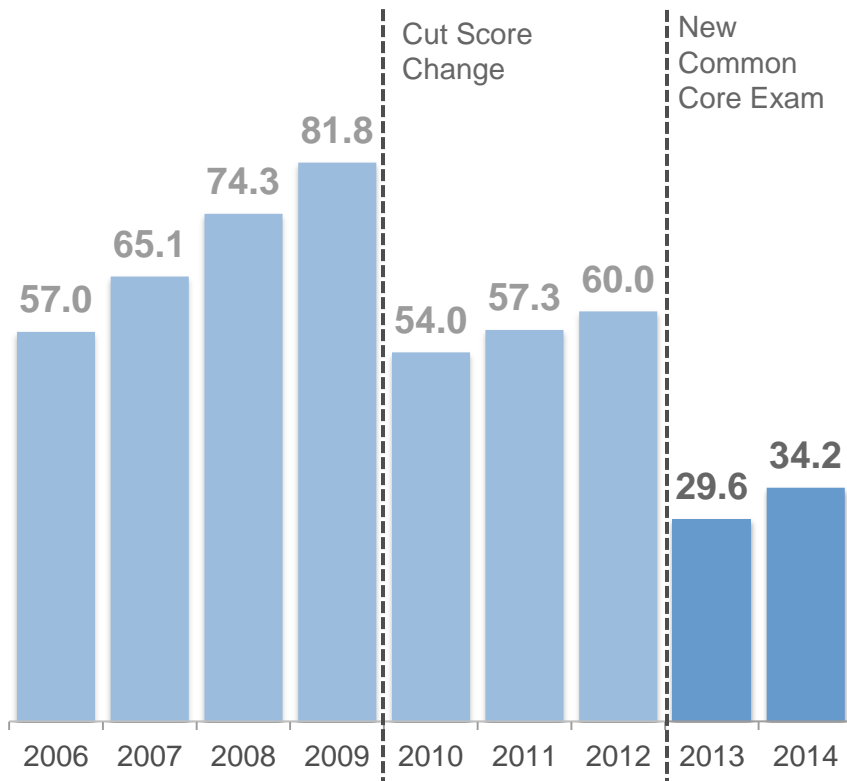
+ 1.8 pts	+ 3.9 pts	- 0.3 pts	+ 2.0 pts	+ 1.3 pts	+ 3.4 pts	+ 2.1 pts
+ 6.5%	+ 14.4%	- 0.9%	+ 8.4%	+ 5.0%	+ 13.5%	+ 7.8%



Proficiency Rates for NYC Students Over Time

Percent of NYC Students At or Above Proficient Across Different NYS Assessments Over Time

3-8 Grade Math



3-8 Grade English



Results for “Matched” Students in NYC and NYS from 2013 to 2014

To account for participation changes across years and anticipating the importance of year-to-year same-cohort comparisons for the Class of 2022, Math and ELA results were calculated to include students who were tested in **both** 2013 and 2014.

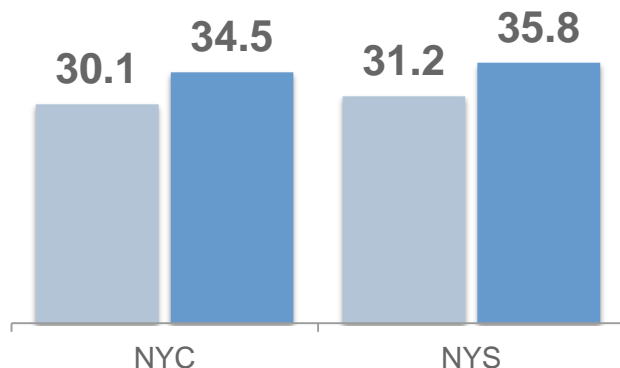
Percent of Persisting NYC and NYS Students At or Above Proficient in 2013 and 2014

4-8 Grade Math – Matched

Change from 2013 to 2014

+ 4.4% pts

+ 4.5% pts



2013

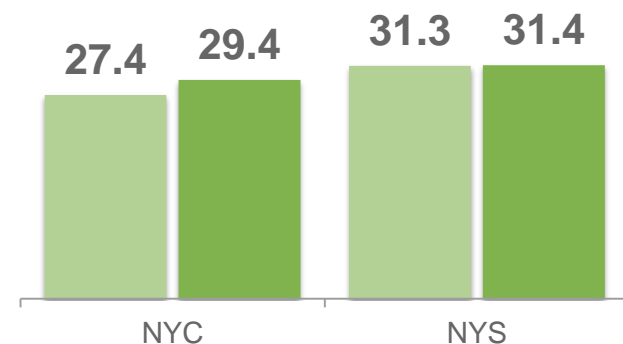
2014

4-8 Grade English – Matched

Change from 2013 to 2014

+ 2.0 pts

+ 0.1% pts



2013

2014

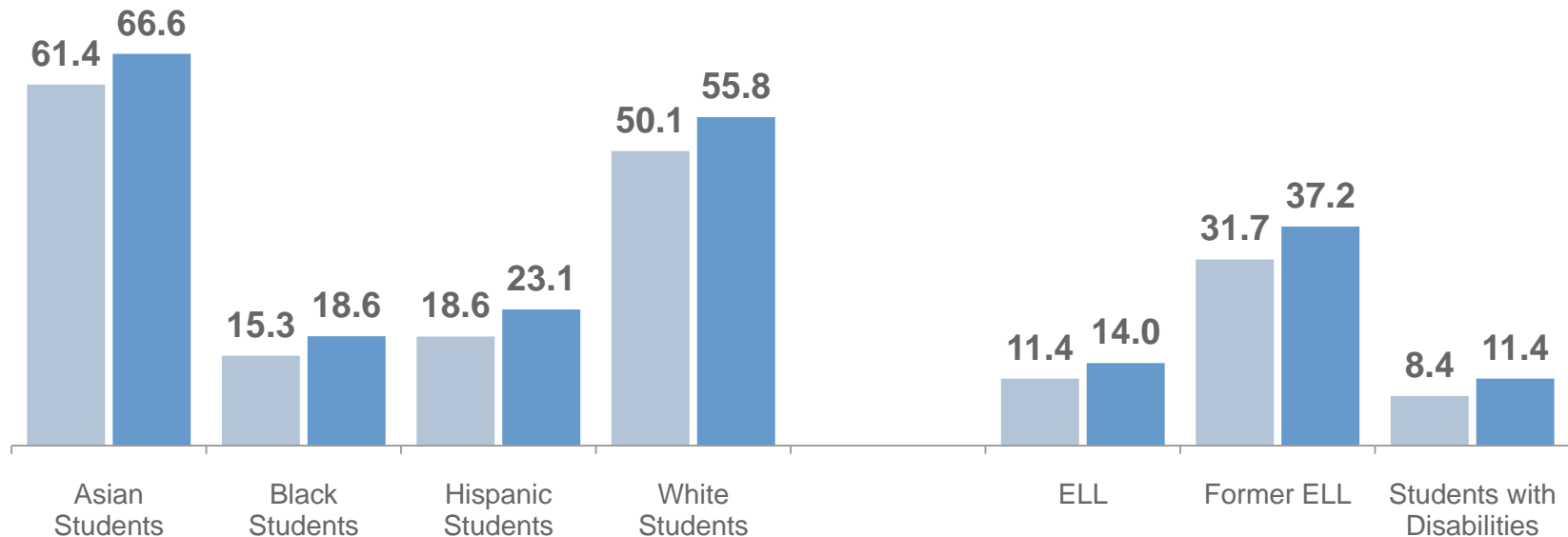
Math Performance Across Different Student Populations

Percent of NYC Students At or Above Proficient in 2013 and 2014, by Student Population

3-8 Grade Math

Percentage Point and Percent Change from 2013 to 2014

+ 5.2 pts	+ 3.3 pts	+ 4.6 pts	+ 5.7 pts	+ 2.6 pts	+ 5.6 pts	+ 3.0 pts
+ 8.5%	+ 21.5%	+ 24.7%	+ 11.5%	+ 23.3%	+ 17.6%	+ 35.2%



2013

2014

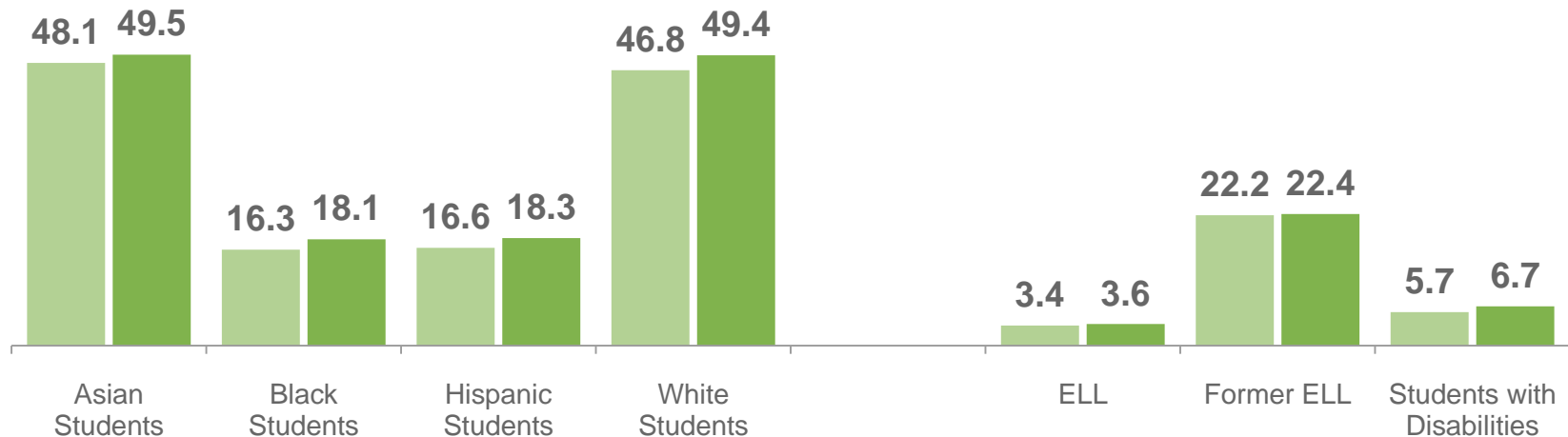
English Performance Across Different Student Populations

Percent of NYC Students At or Above Proficient in 2013 and 2014, by Student Population

3-8 Grade English

Percentage Point and Percent Change from 2013 to 2014

+ 1.4% pts	+ 1.8% pts	+ 1.7% pts	+ 2.5% pts	+ 0.2% pts	+ 0.2% pts	+ 1.0% pts
+ 3.0%	+ 10.8%	+ 10.0%	+ 5.4%	+ 6.7%	+ 0.8%	+ 17.3%



2013 2014

NYC Schools Include District and Charter Schools – Proficiency for All Public NYC Schools

Percent of NYC Students At or Above Proficient in 2013 and 2014, by School Type

3-8 Grade Math

Percentage Point and Percent Change from 2013 to 2014

+ 4.6 pts	+ 9.1 pts	+ 5.1 pts
+ 15.6%	+ 26.0%	+ 17.1%

3-8 Grade English

Percentage Point and Percent Change from 2013 to 2014

+ 2.1 pts	+ 2.9 pts	+ 2.1 pts
+ 7.8%	+ 11.7%	+ 7.9%

