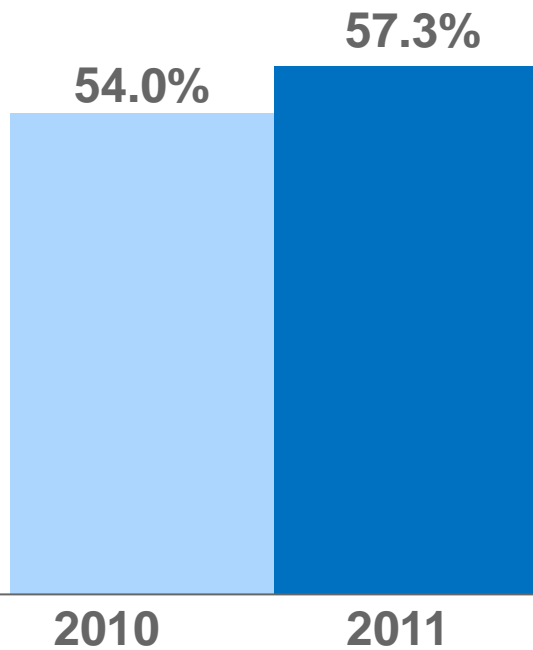


**NYC 2011
MATHEMATICS AND
ENGLISH LANGUAGE ARTS
CITYWIDE TEST RESULTS
GRADES 3 – 8**

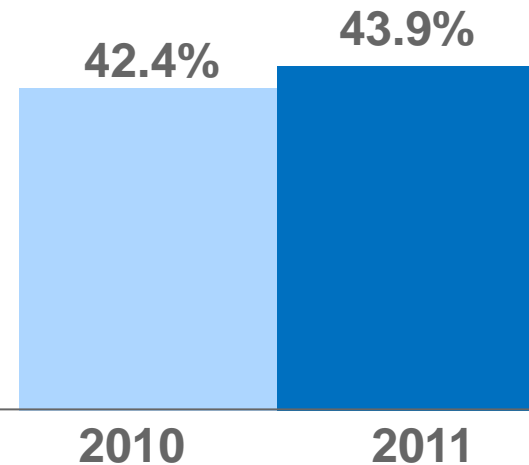
August 2011

2010-2011 PERCENT OF NYC STUDENTS MEETING OR EXCEEDING NEW STATE STANDARDS (LEVELS 3+4) FOR NYC STUDENTS IN MATH AND ENGLISH

MATH + 3.3 pts.



ENGLISH + 1.5 pts.

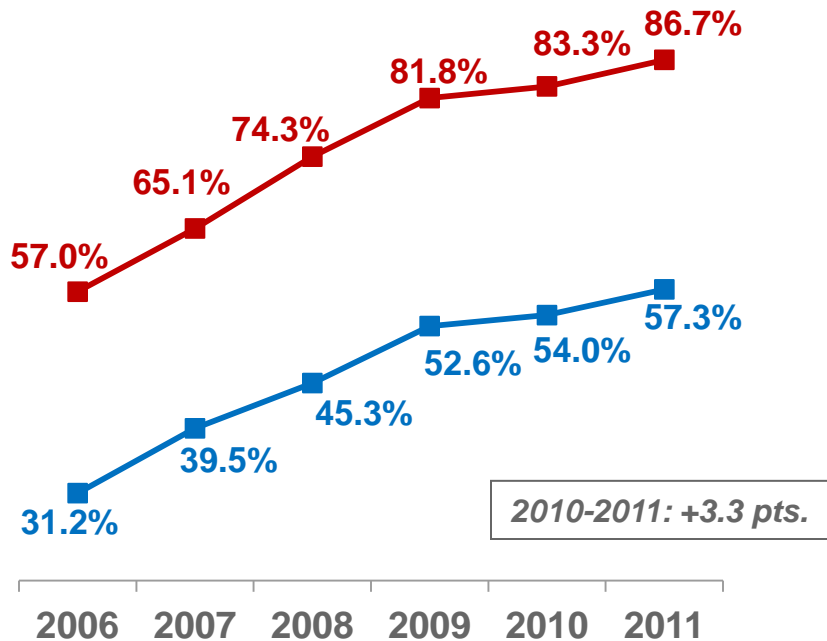


REGARDLESS OF THE BAR USED TO DEFINE PROFICIENCY (LEVELS 3+4), TEST PERFORMANCE INCREASES OVER TIME

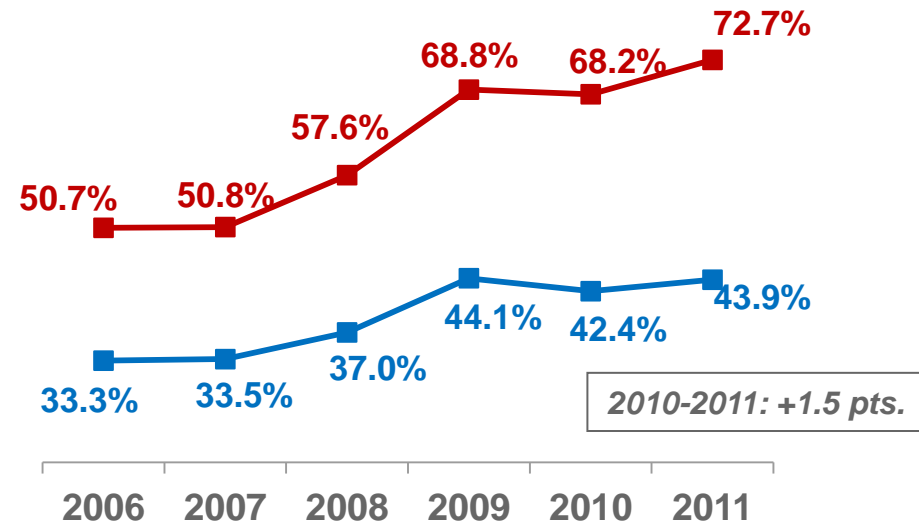
PERCENT OF STUDENTS AT LEVELS 3+4 IN GRADES 3-8
BY HISTORIC (2006-2009) CUT SCORES AND 2011's CUT SCORES

Percent of Students Meeting or Exceeding
New vs. Old State Standards (Scoring at Level 3 or 4)

MATH



ENGLISH



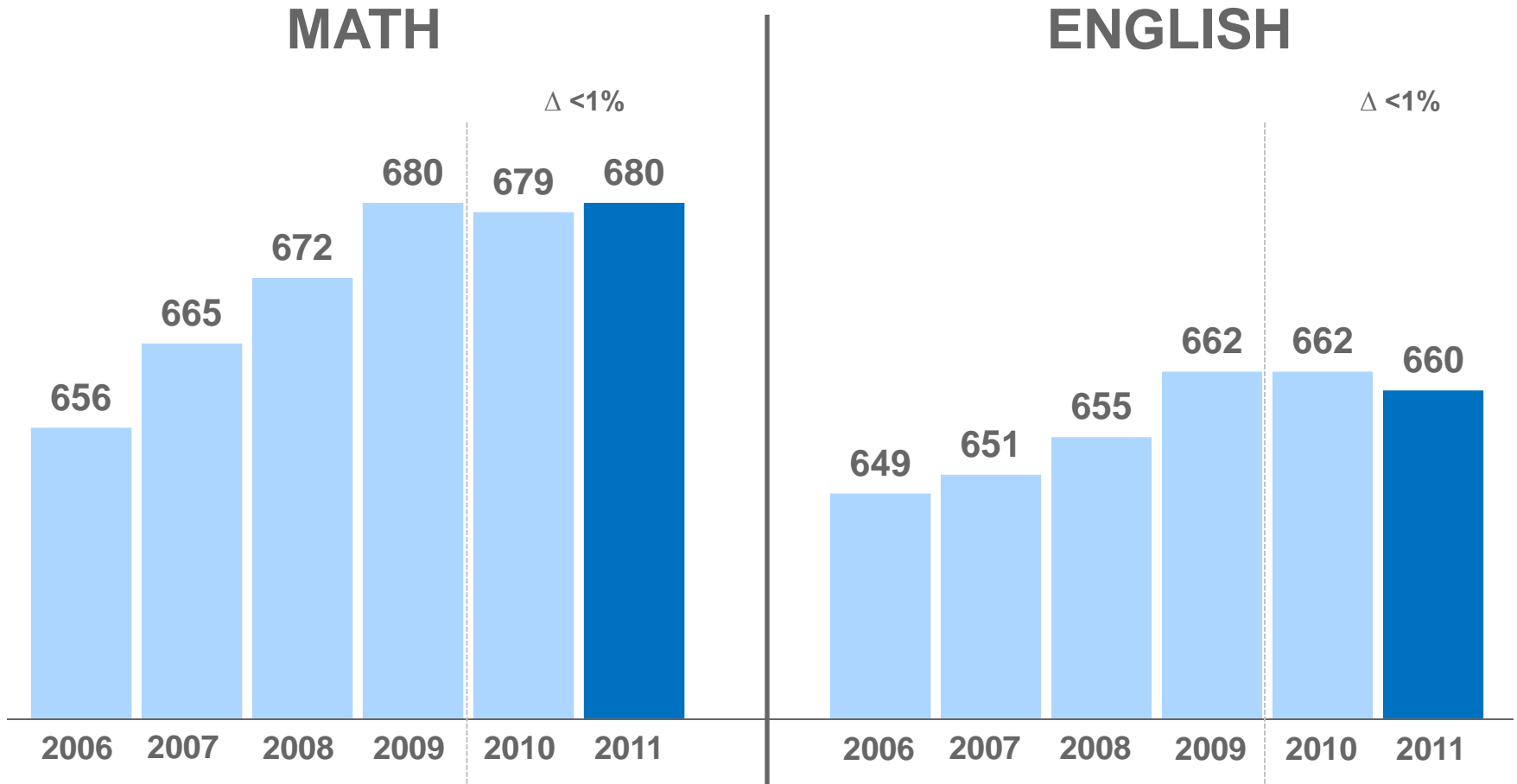
■ % meeting/exceeding new state standards (Levels 3+4) using 2011's cut scores

■ % meeting/exceeding old state standards (Levels 3+4) using historic (2006-2009) cut scores

2006-2011 AVERAGE SCALE SCORES IN MATH AND ENGLISH

All Students

Grades 3-8



Note: Scale scores are a conversion of raw scores (the number of correct responses) into a standard scale that allows for comparisons across years, as the length of the tests/number of tests questions changes.

In 2010, NYSED increased the scale score required to meet each of the proficiency levels. In addition, in 2011, NYSED lengthened the exams by increasing the number of test questions.

ALL STUDENTS: NYC, BIG 4, & REST OF STATE

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

MATH

	2010 Difference from ROS	2011 Difference from ROS
New York City	-13.0 pts.	-11.6 pts.
Big 4	-35.9 pts.	-37.3 pts.

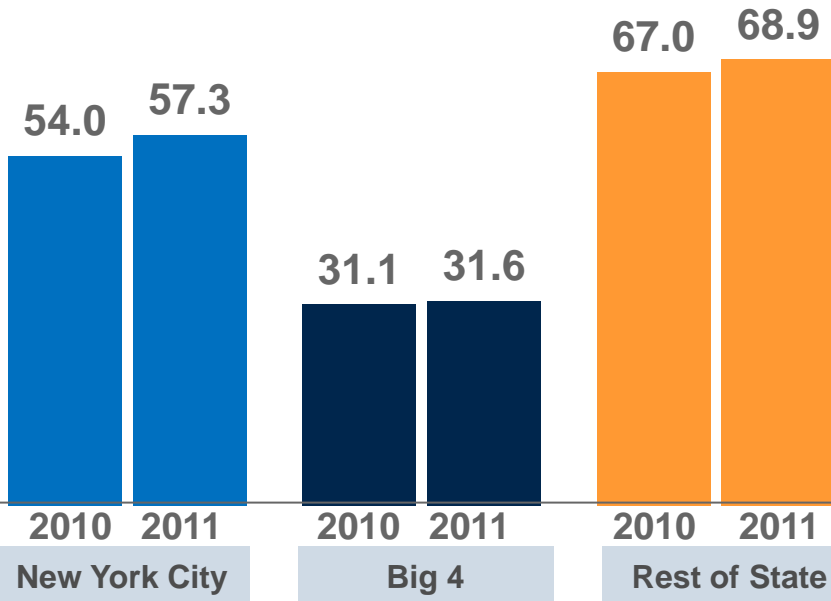
ENGLISH

	2010 Difference from ROS	2011 Difference from ROS
New York City	-18.5 pts.	-15.6 pts.
Big 4	-31.8 pts.	-31.7 pts.

Δ +3.3 pts

Δ +0.5 pts

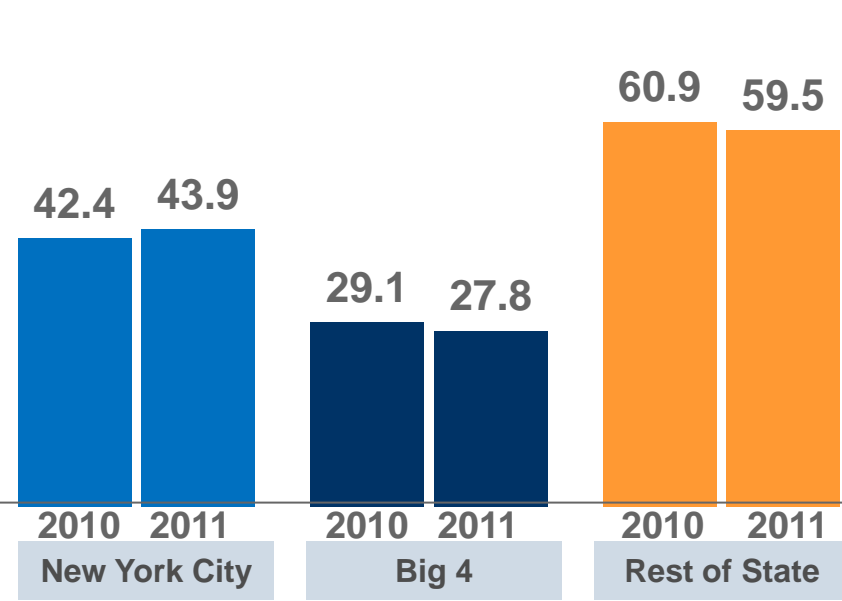
Δ +1.9 pts



Δ +1.5 pts

Δ -1.3 pts

Δ -1.4 pts

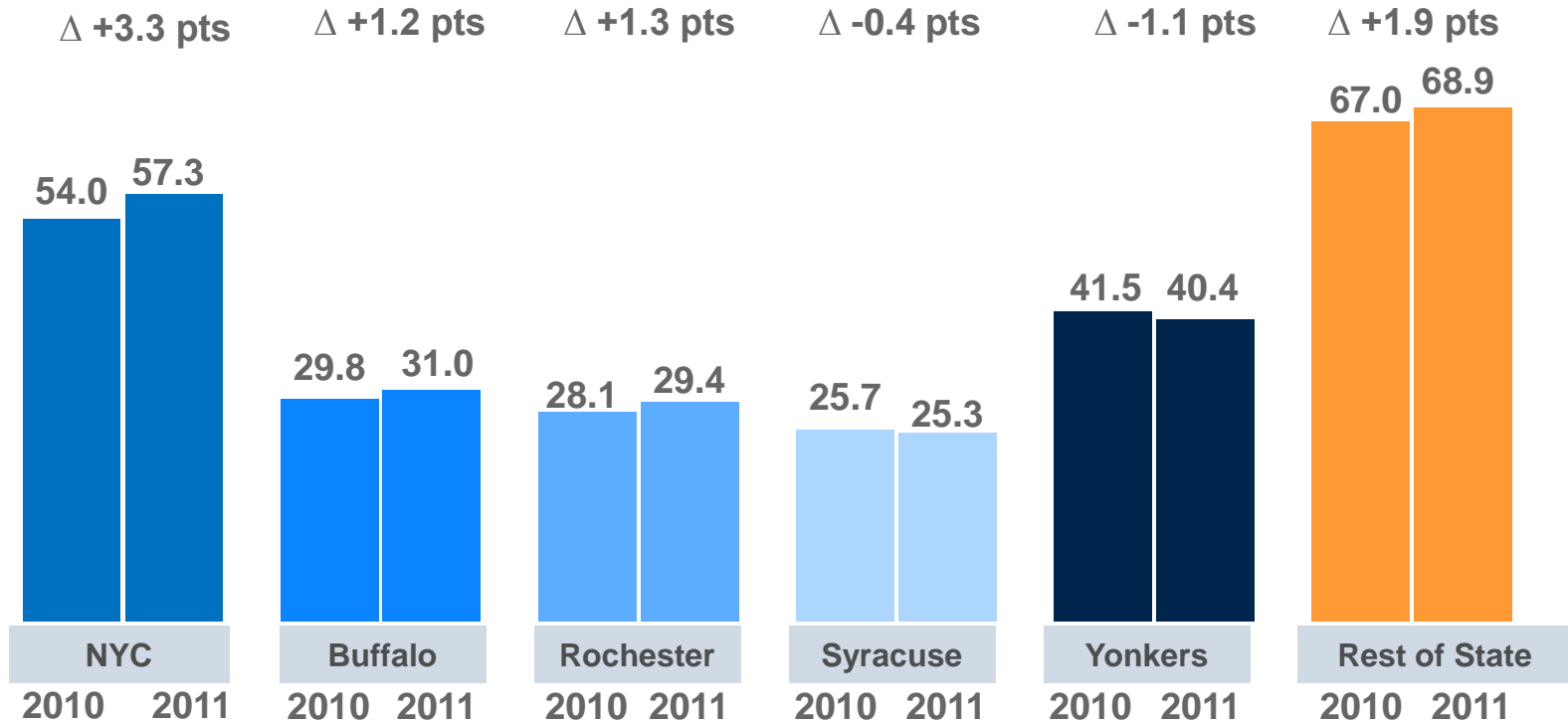


*Note: Big 4 = Buffalo, Rochester, Syracuse, and Yonkers.
Rest of State = New York State – NYC – Big 4

MATH: ALL STUDENTS: NYC VS. BIG 4 VS. REST OF STATE

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

	2010 Difference from ROS	2011 Difference from ROS
New York City	-13.0	-11.6
Buffalo	-37.2	-37.9
Rochester	-38.9	-39.5
Syracuse	-41.3	-43.6
Yonkers	-25.5	-28.5



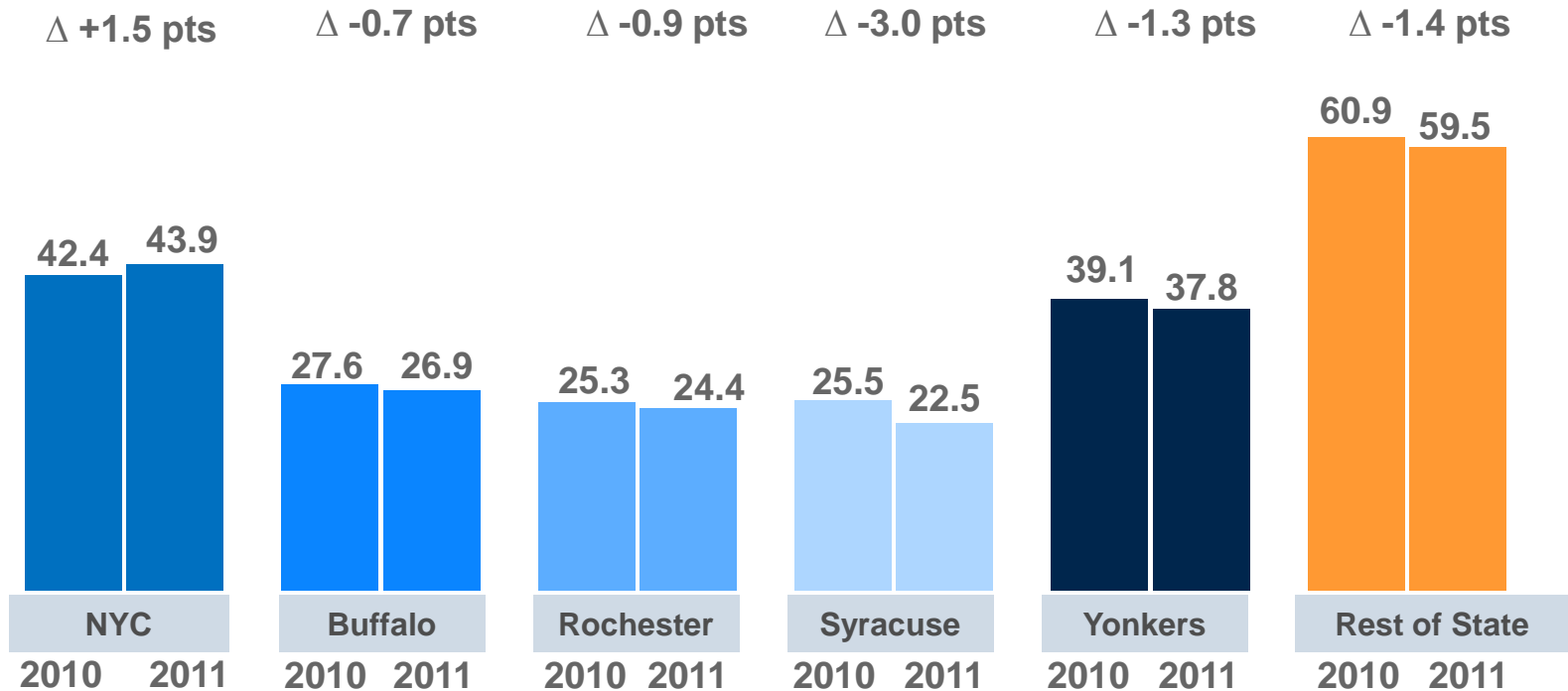
*Note: Big 4 = Buffalo, Rochester, Syracuse, and Yonkers.

Rest of State = New York State – NYC – Big 4

ENGLISH: ALL STUDENTS: NYC VS. BIG 4 VS. REST OF STATE

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

	2010 Difference from ROS	2011 Difference from ROS
New York City	-18.5	-15.6
Buffalo	-33.3	-32.6
Rochester	-35.6	-35.1
Syracuse	-35.4	-37.0
Yonkers	-21.8	-21.7



*Note: Big 4 = Buffalo, Rochester, Syracuse, and Yonkers.

Rest of State (ROS) = New York State – NYC – Big 4



Department of Education
Dennis M. Walcott, Chancellor

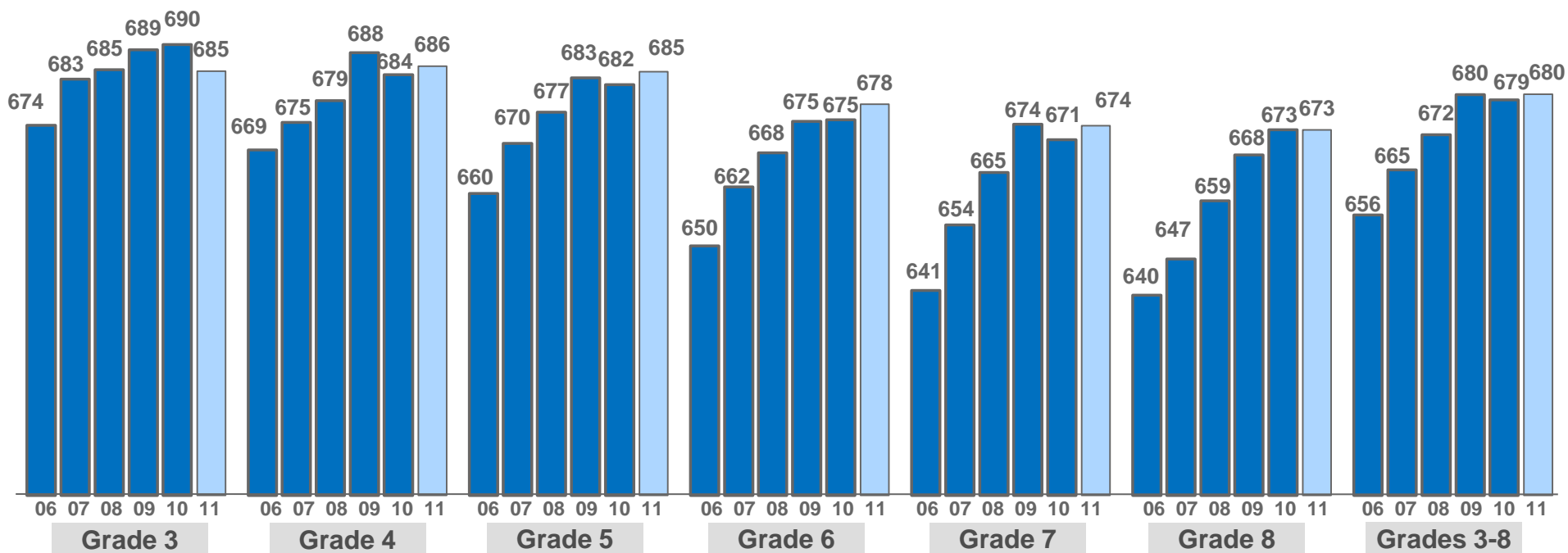
In 2010, NYSED increased the scale score required to meet each of the proficiency levels. In addition, in 2011, NYSED lengthened the exams by increasing the number of test questions.

MATH

2006-2011 AVERAGE SCALE SCORES IN MATH

All Students

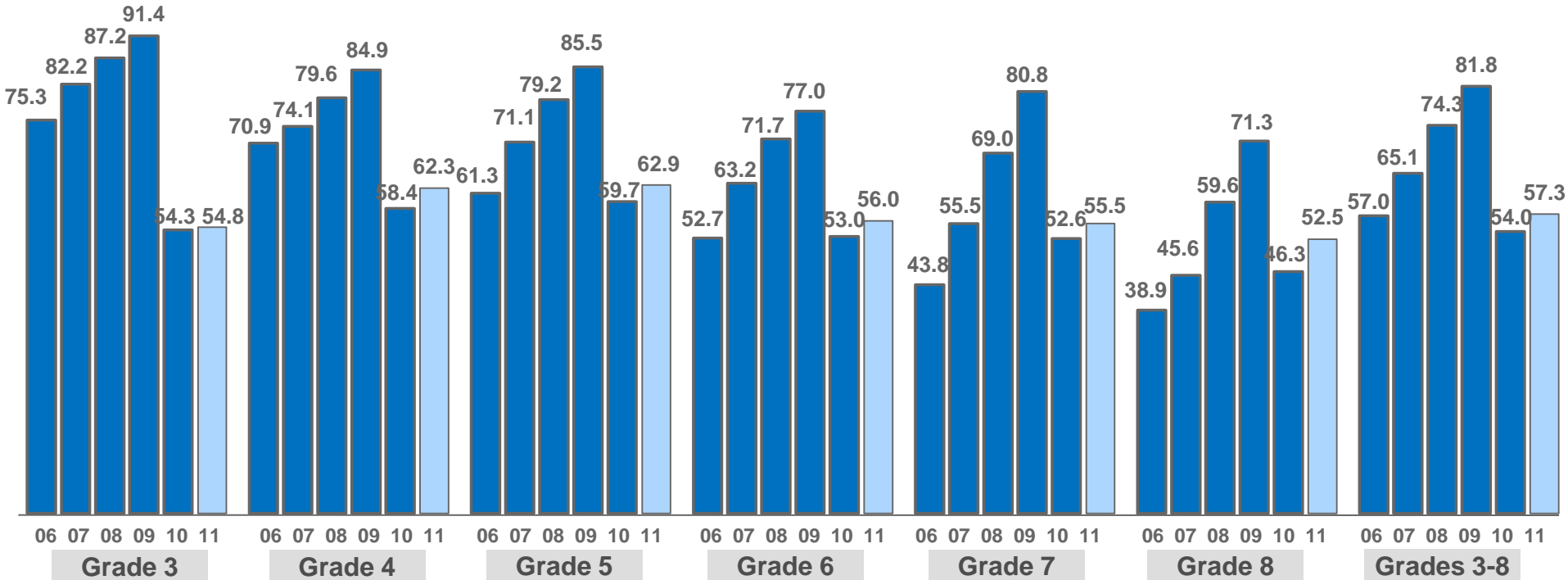
Grade	3	4	5	6	7	8	3-8
2010-2011 Change	-5	+2	+3	+3	+3	+0	+1
2006-2011 Change	+11	+17	+25	+28	+33	+33	+24



2006-2011 PERCENT OF STUDENTS MEETING OR EXCEEDING STATE STANDARDS (LEVELS 3+4) IN MATH

All Students

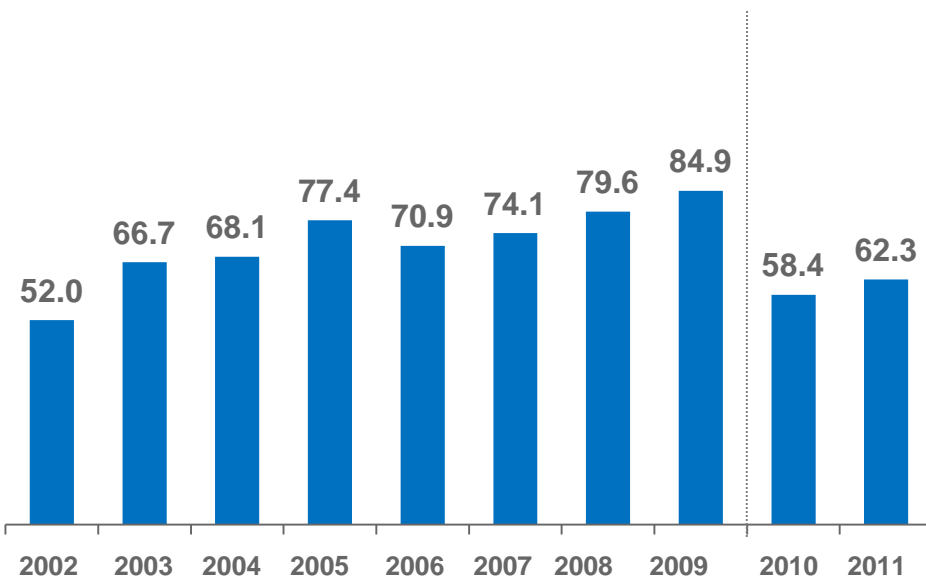
Grade	3	4	5	6	7	8	3-8
2010-2011 Change	+0.5	+3.9	+3.2	+3.0	+2.9	+6.2	+3.3
2006-2011 Change	-20.5	-8.6	+1.6	+3.3	+11.7	+13.6	+0.3



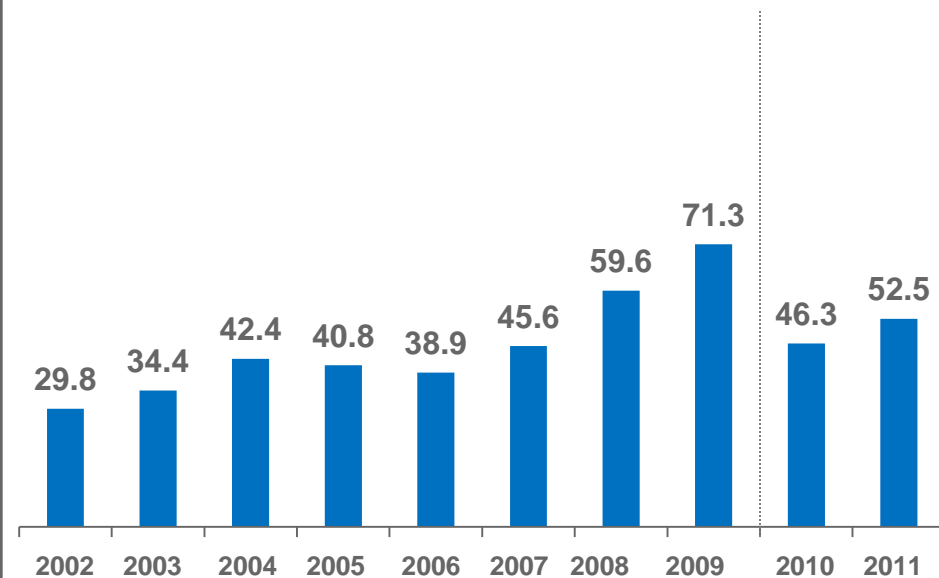
PERCENT OF 4TH AND 8TH GRADE STUDENTS IN NYC MEETING OR EXCEEDING STATE STANDARDS IN MATH

Percent of 4th and 8th Grade Students Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

Change in 4th Grade, '02-'11: + 10.3 pts.



Change in 8th Grade, '02-'11: + 22.7 pts.

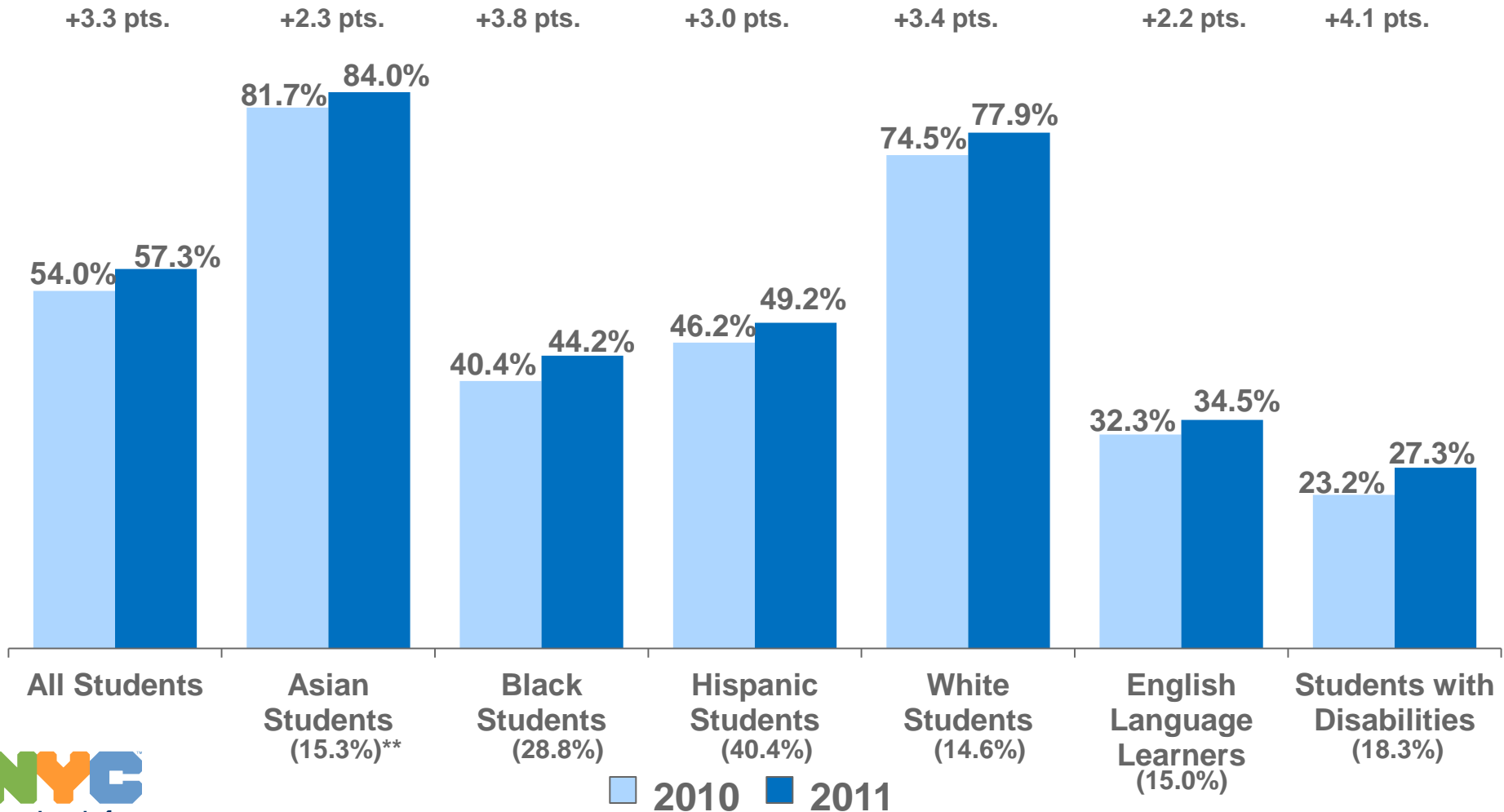


ALL STUDENT GROUPS MADE GAINS IN MATH IN 2011

NYC PERCENT MEETING/EXCEEDING NEW STATE STANDARDS (LEVELS 3+4) BY SUBGROUP

GRADES 3-8: 2010 vs. 2011 NEW YORK STATE TESTS

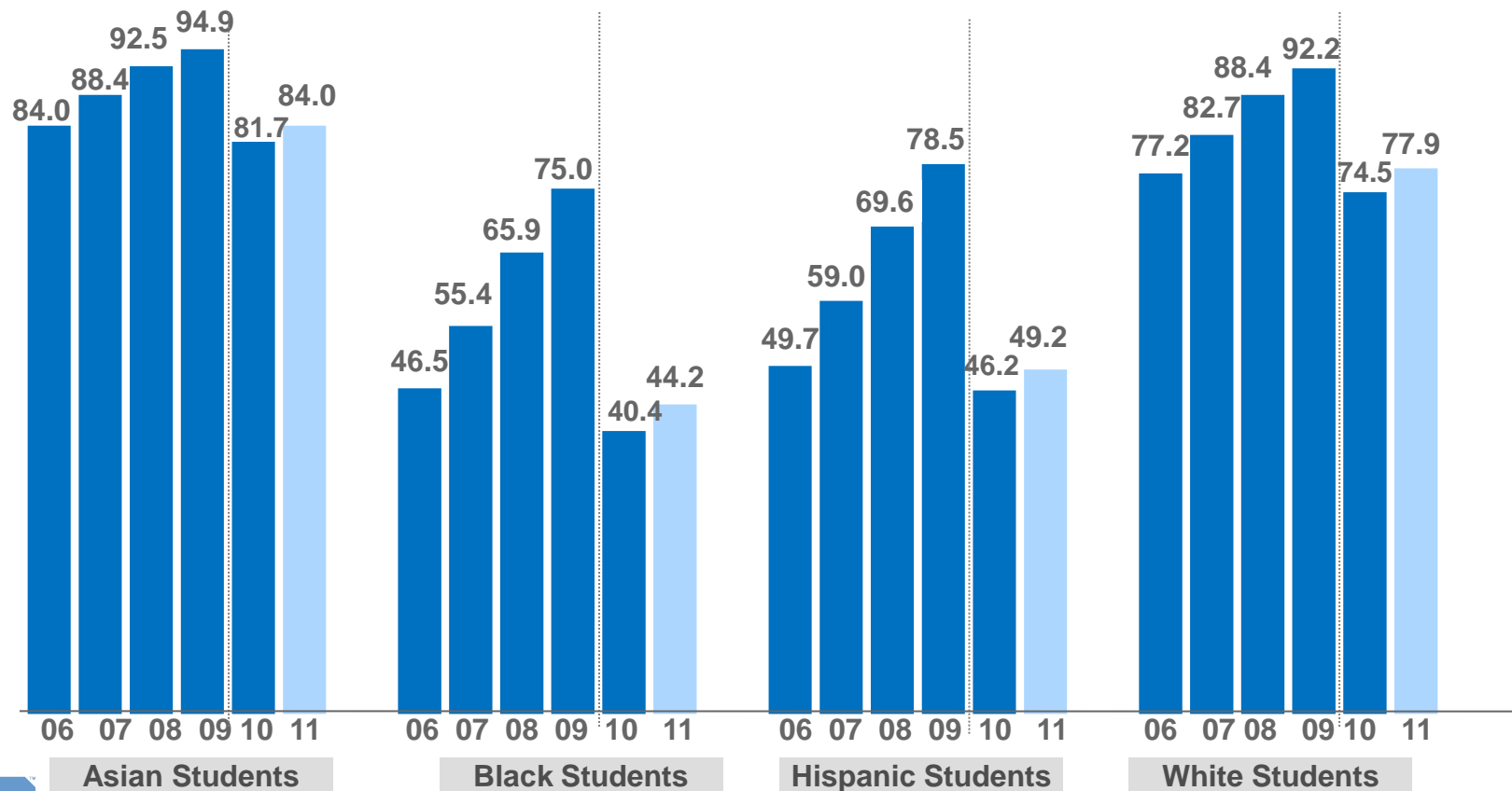
MATH



PERCENT OF NYC STUDENTS IN GRADES 3-8 MEETING OR EXCEEDING STATE STANDARDS IN MATH

BY ETHNICITY

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards
(Scoring at Levels 3 & 4)

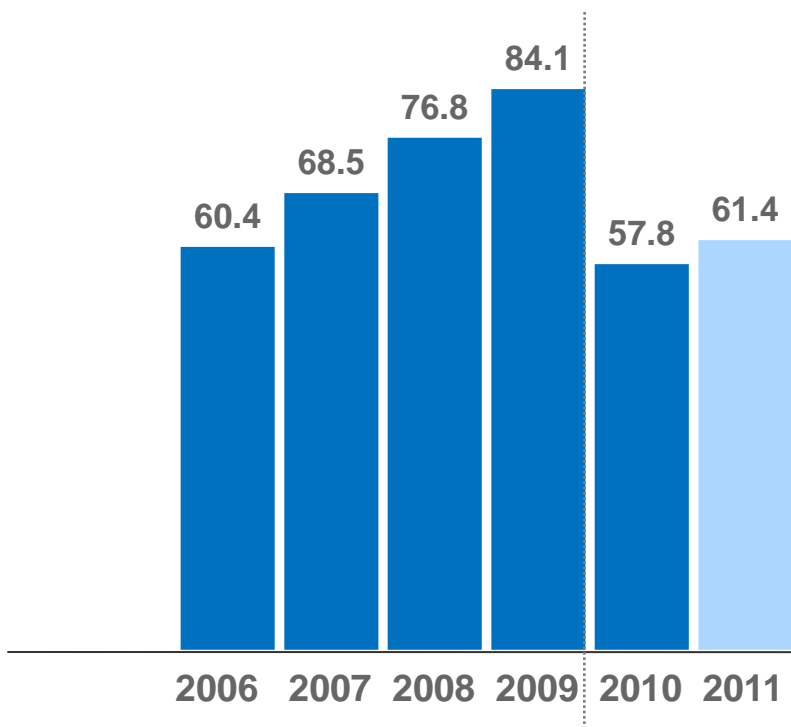


PERCENT OF ENGLISH PROFICIENT STUDENTS AND ENGLISH LANGUAGE LEARNERS AT LEVELS 3+4 IN MATH

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

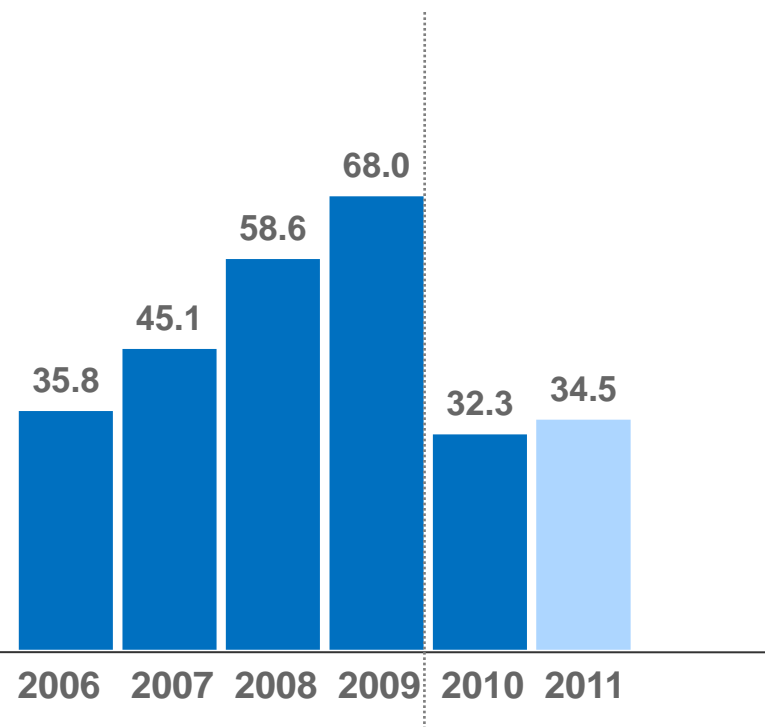
English Proficient Students

2010-2011 Change	2006-2011 Change
+3.6 pts.	+1.0 pts.



English Language Learners

2010-2011 Change	2006-2011 Change
+2.2 pts.	-1.3 pts.

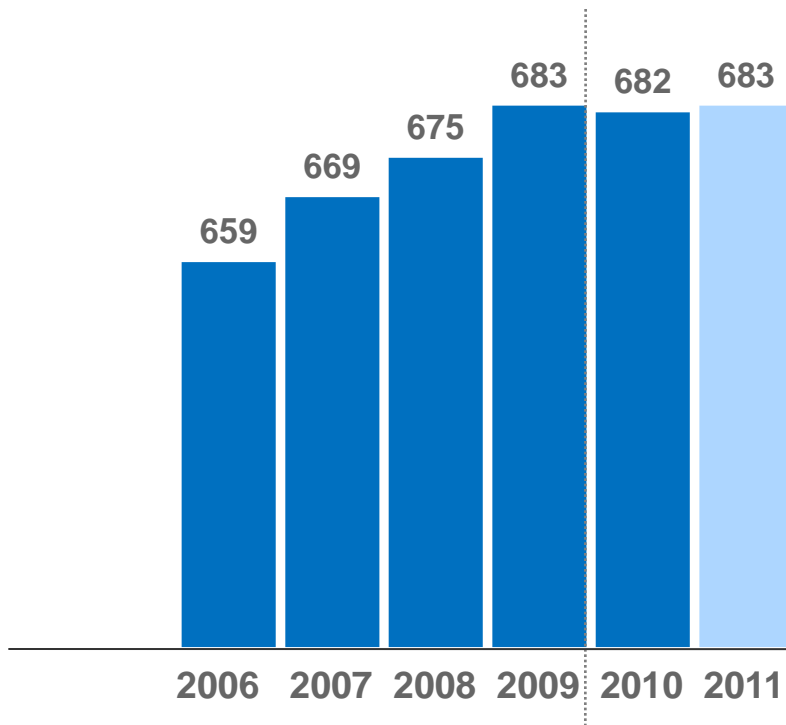


AVERAGE SCALE SCORES FOR ENGLISH PROFICIENT STUDENTS AND ENGLISH LANGUAGE LEARNERS IN MATH

Average Scale Scores for Grades 3-8

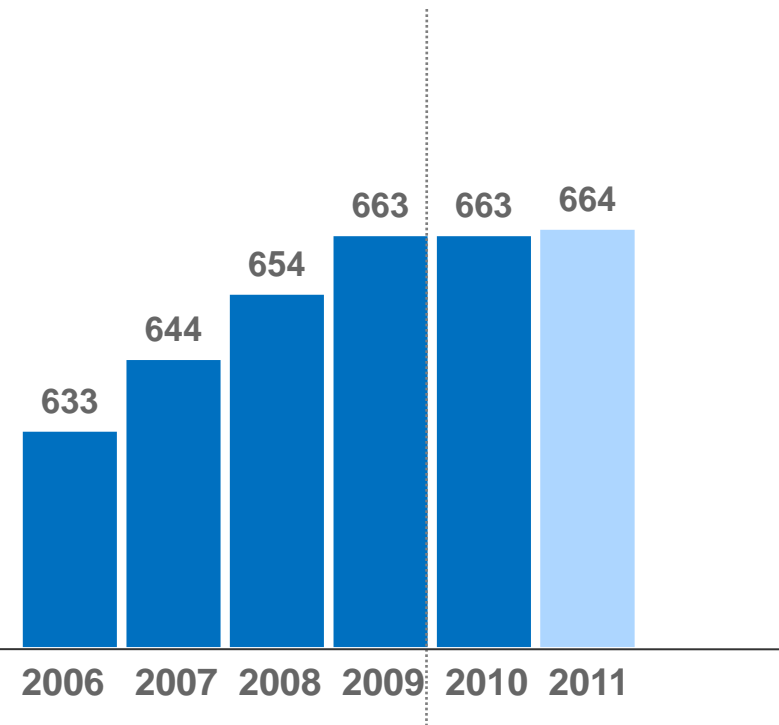
English Proficient Students

2010-2011 Change	2006-2011 Change
+1 pt.	+24 pts.



English Language Learners

2010-2011 Change	2006-2011 Change
+1 pts.	+31 pts.

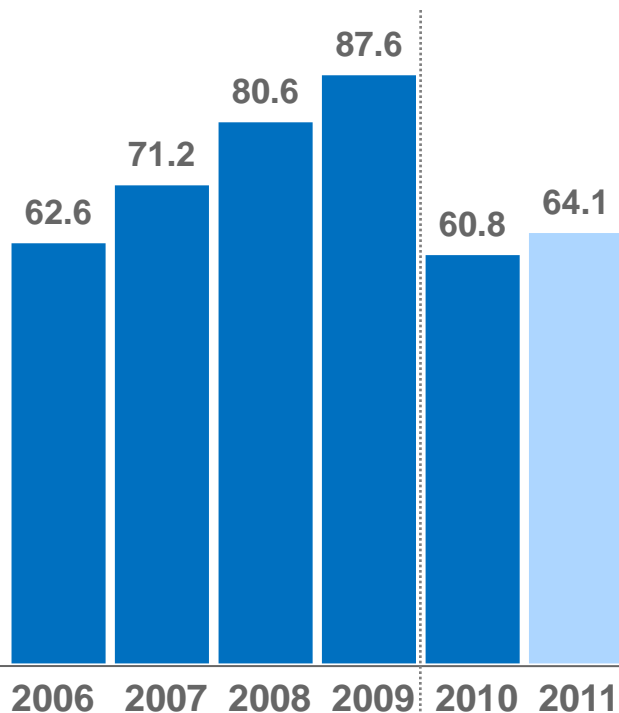


PERCENT OF GENERAL EDUCATION STUDENTS AND STUDENTS WITH DISABILITIES AT LEVELS 3+4 IN MATH

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

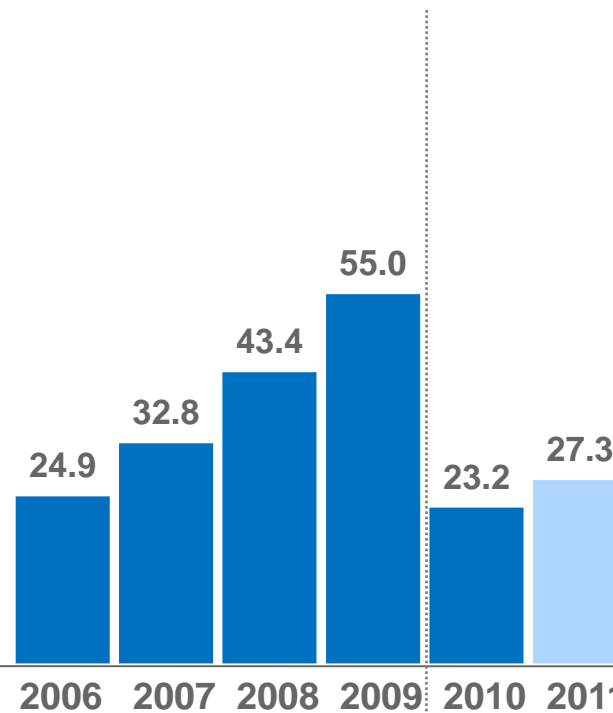
General Education Students

2010-2011 Change	2006-2011 Change
+3.3 pts.	+1.5 pts.



Students With Disabilities

2010-2011 Change	2006-2011 Change
+4.1 pts.	+2.4 pts.

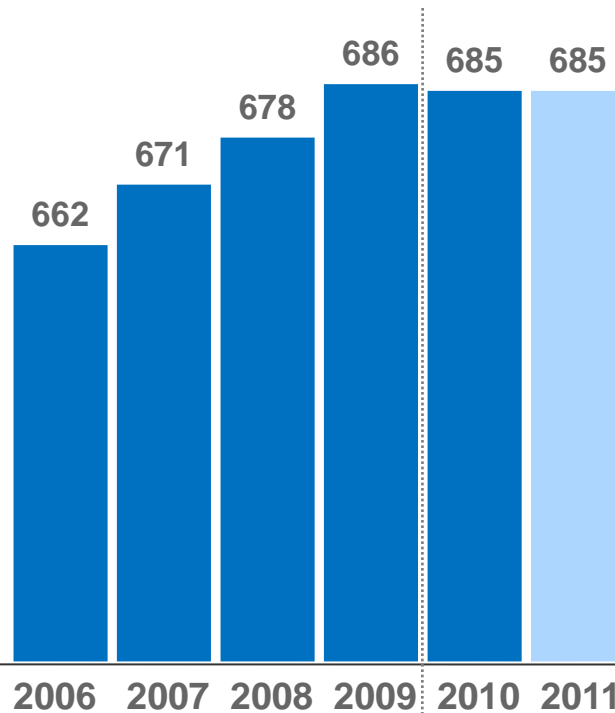


AVERAGE SCALE SCORES FOR GENERAL EDUCATION STUDENTS AND STUDENTS WITH DISABILITIES IN MATH

Mean Scale Scores for Grades 3-8

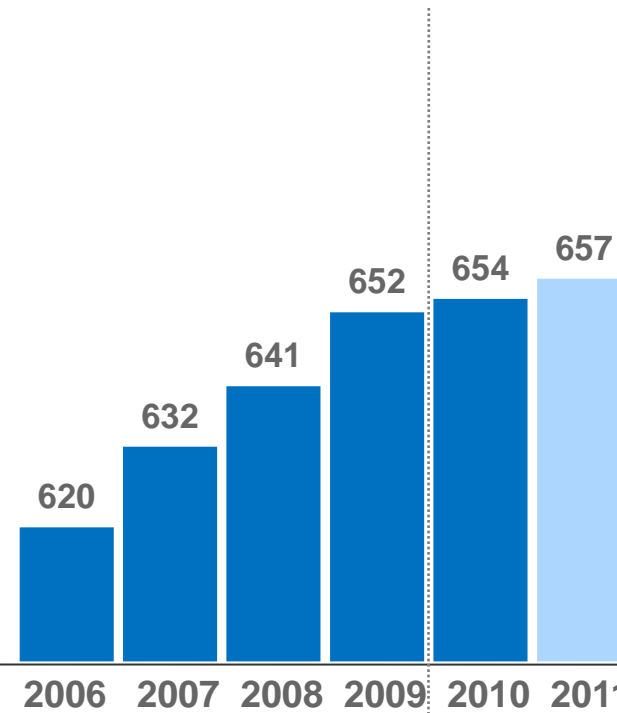
General Education Students

2010-2011 Change	2006-2011 Change
+ 0 pts.	+23 pts.



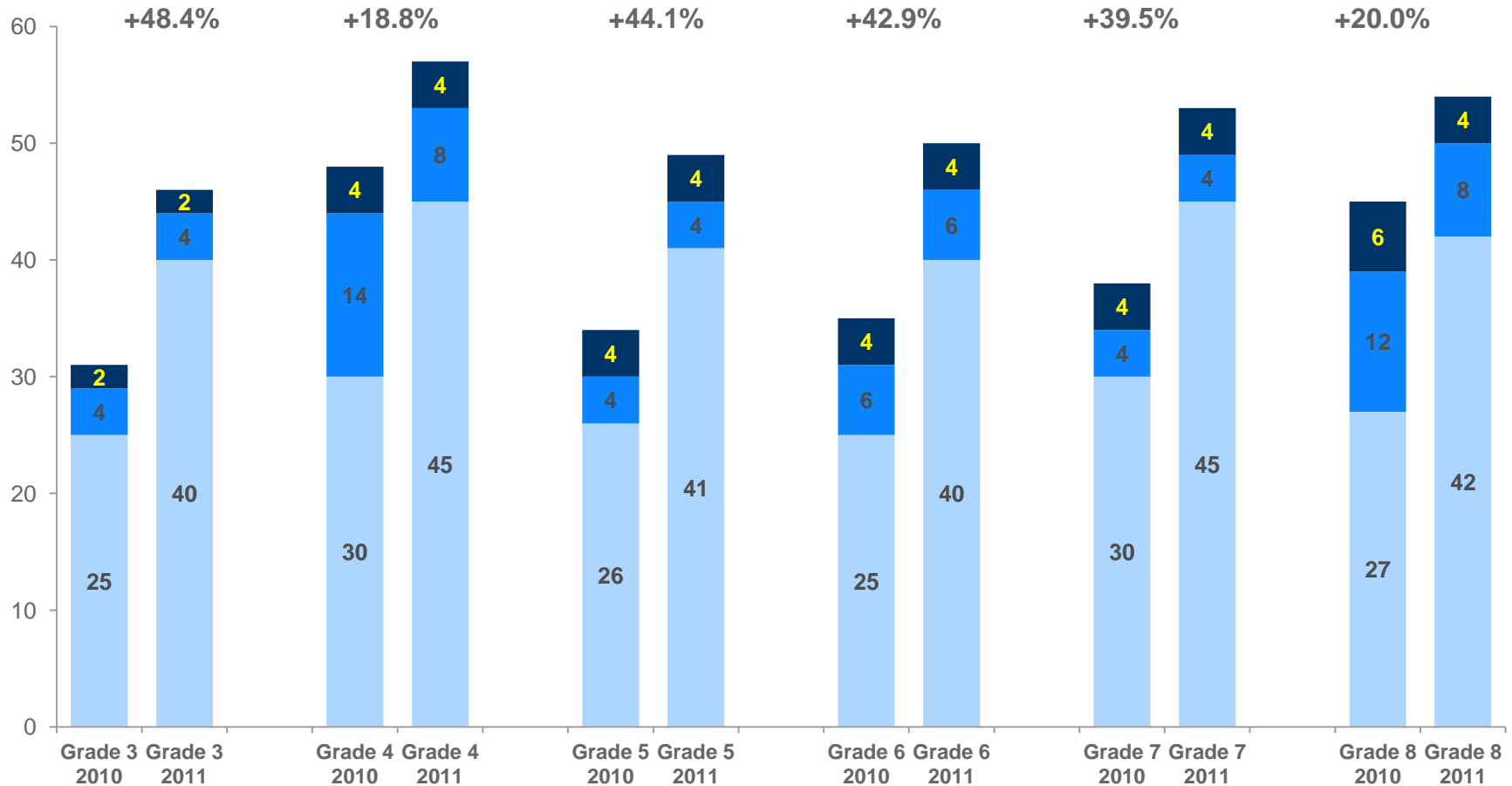
Students With Disabilities

2010-2011 Change	2006-2011 Change
+3 pts.	+37 pts.



COMPARISON OF 2010 vs. 2011 MATH TEST QUESTIONS:

Tests were longer, covered more material and standards than previously tested



■ Total Multiple Choice
 ■ Total Short Response
 ■ Total Extended Response

Short response: Students read word problems and are expected to write in an answer

Extended Response: Students read word problems and are expected to write an answer and explain their thinking



Department of Education

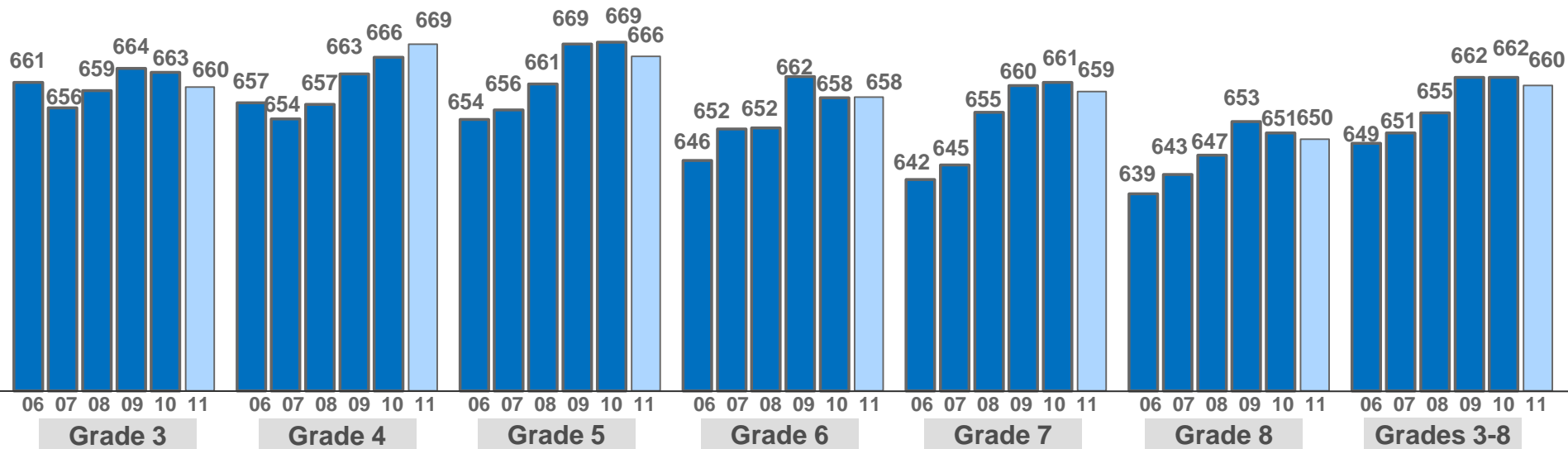
Dennis M. Walcott, Chancellor

ENGLISH

2006-2011 AVERAGE SCALE SCORES IN ENGLISH

All Students

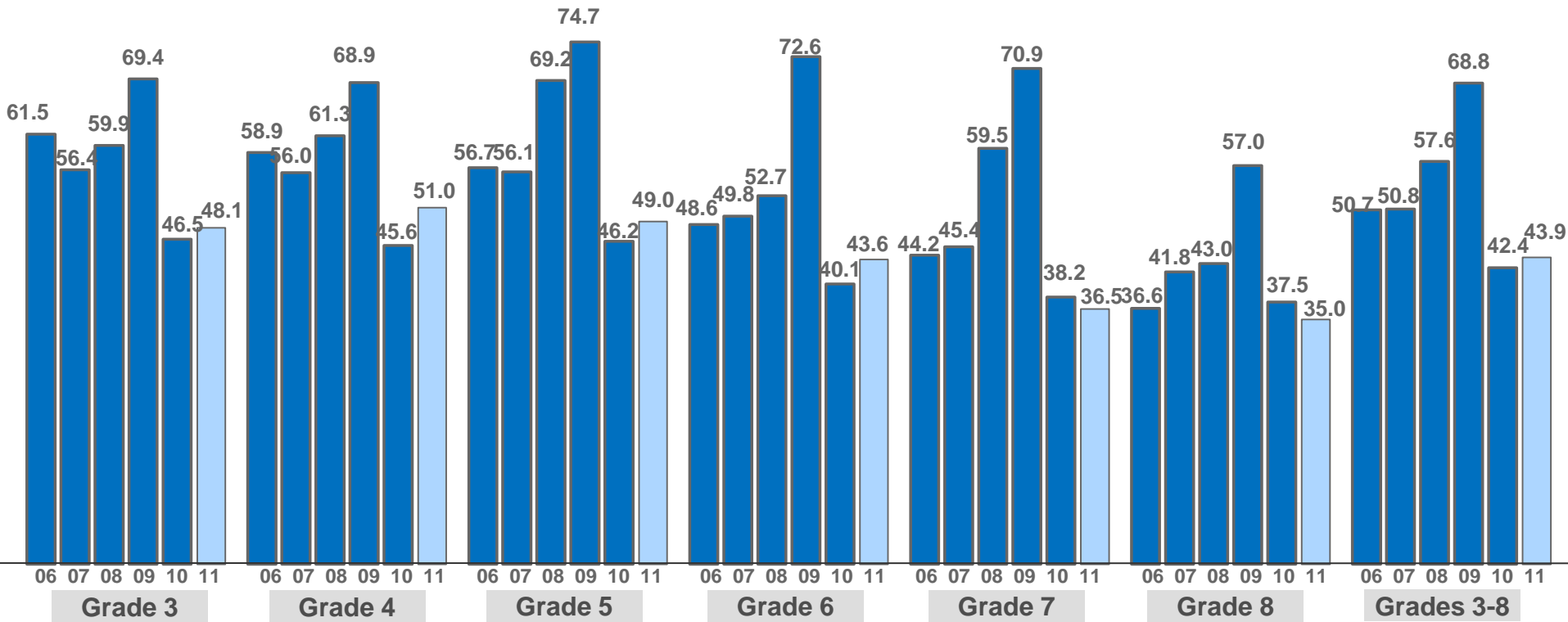
Grade	3	4	5	6	7	8	3-8
2010-2011 Change	-3	+3	-3	+0	-2	-1	-2
2006-2011 Change	-1	+12	+12	+12	+17	+11	+11



2006-2011 PERCENT OF STUDENTS MEETING OR EXCEEDING STATE STANDARDS (LEVELS 3+4) IN ENGLISH

All Students

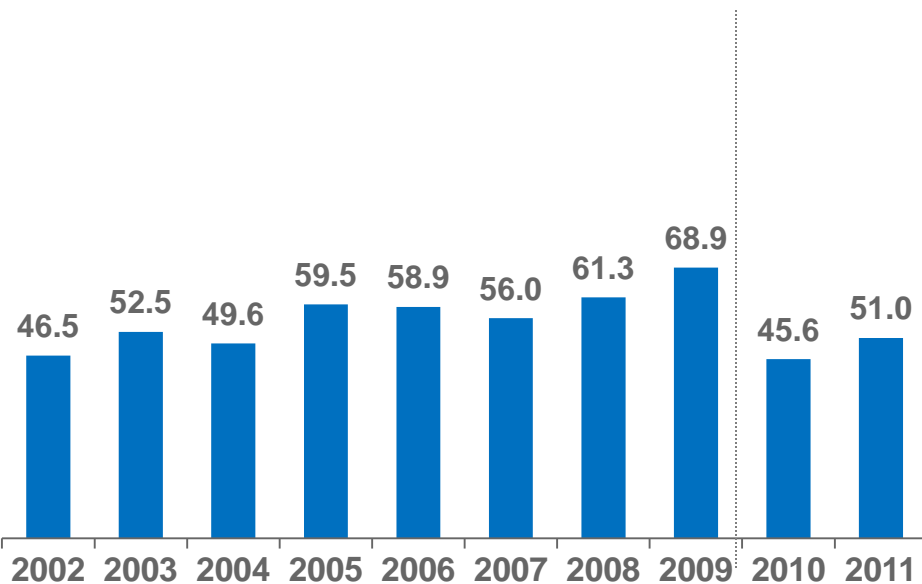
Grade	3	4	5	6	7	8	3-8
2010-2011 Change	+1.6	+5.4	+2.8	+3.5	-1.7	-2.5	+1.5
2006-2011 Change	-13.4	-7.9	-7.7	-5.0	-7.7	-1.6	-6.8



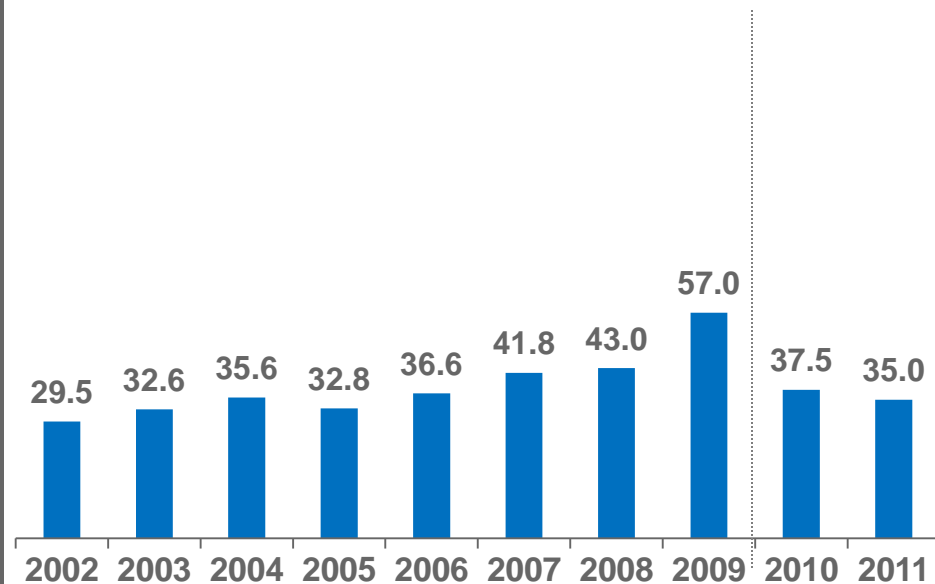
PERCENT OF 4TH AND 8TH GRADE STUDENTS IN NYC MEETING OR EXCEEDING STATE STANDARDS IN ENGLISH

Percent of 4th and 8th Grade Students Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

Change in 4th Grade, '02-'11: + 4.5 pts.



Change in 8th Grade, '02-'11: + 5.5 pts.

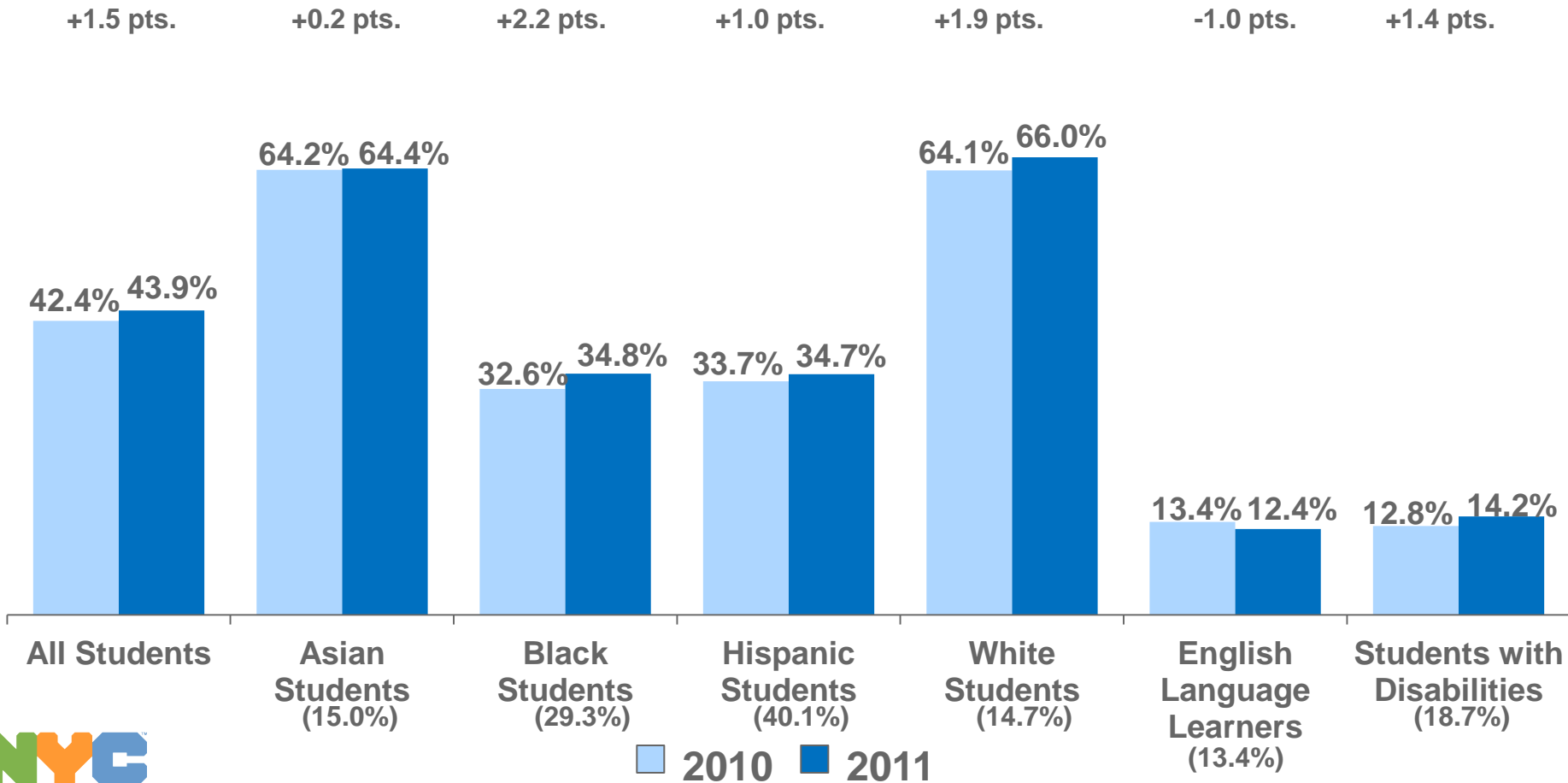


NEARLY ALL STUDENT GROUPS MADE GAINS IN ENGLISH IN 2011

NYC PERCENT MEETING/EXCEEDING NEW STATE STANDARDS (LEVELS 3+4) BY SUBGROUP

GRADES 3-8: 2010 vs. 2011 NEW YORK STATE TESTS

ENGLISH



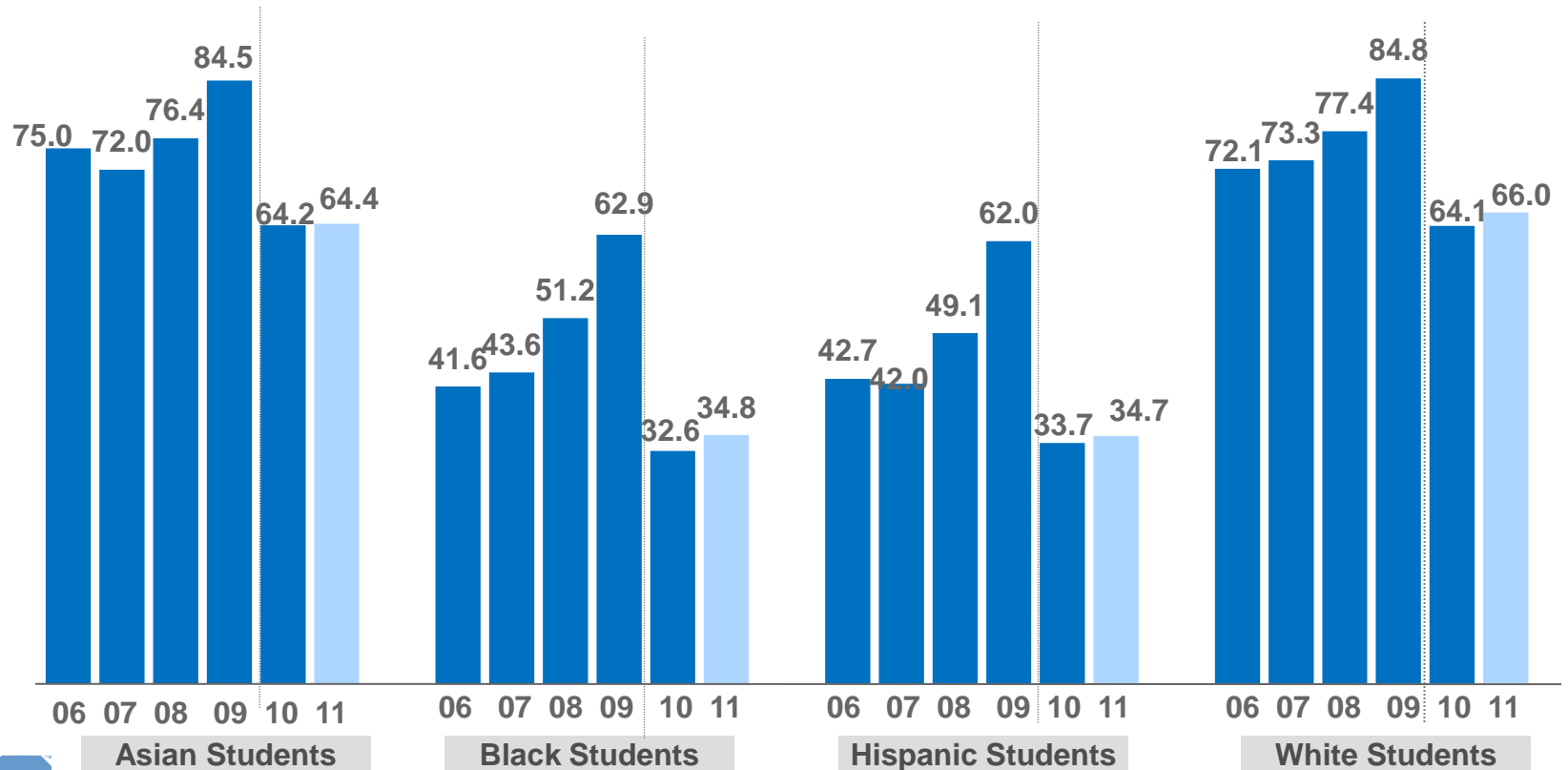
*Percent of students scoring levels 3 and 4 on the NY State grades 3-8 English and Math tests.

**Percent of population in 2011

PERCENT OF NYC STUDENTS IN GRADES 3-8 MEETING OR EXCEEDING STATE STANDARDS IN ENGLISH

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

BY ETHNICITY

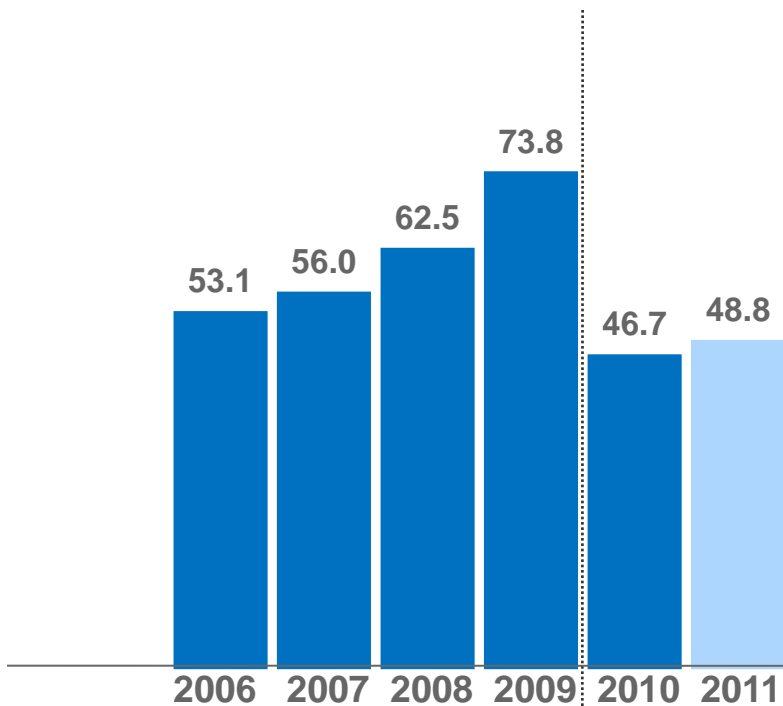


PERCENT OF ENGLISH PROFICIENT STUDENTS AND ENGLISH LANGUAGE LEARNERS AT LEVELS 3+4 IN ENGLISH

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

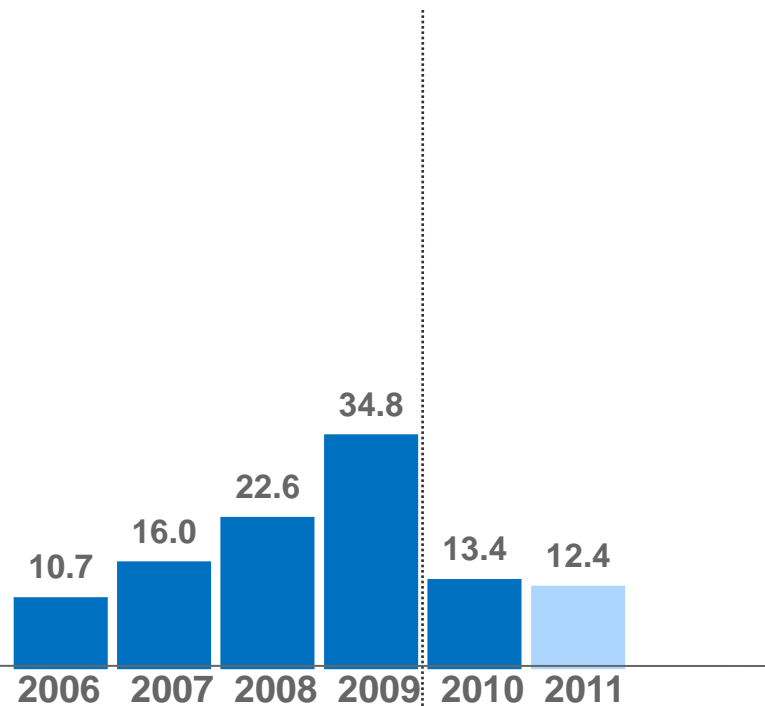
English Proficient Students

2010-2011 Change	2006-2011 Change
+2.1 pts.	-4.3 pts.



English Language Learners

2010-2011 Change	2006-2011 Change
-1.0 pts.	+1.7 pts.

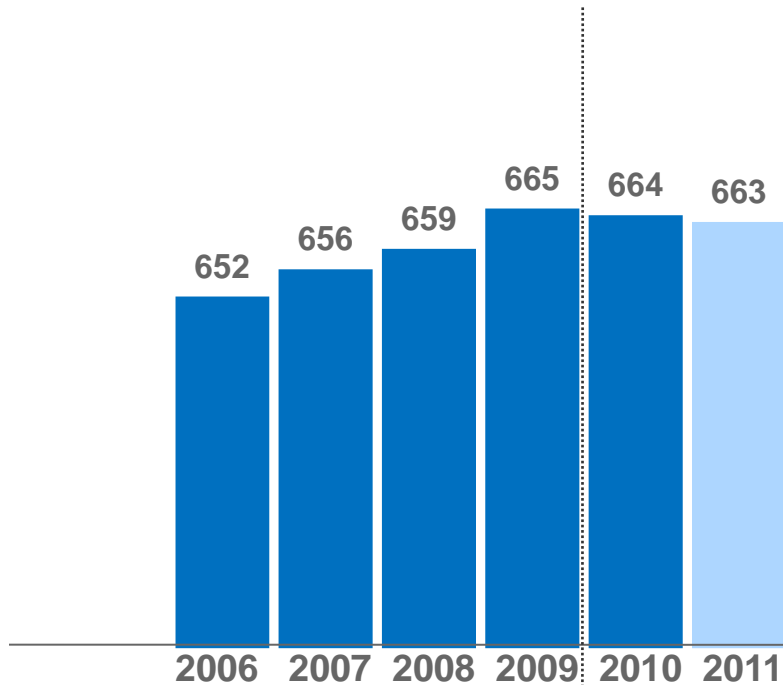


AVERAGE SCALE SCORES FOR ENGLISH PROFICIENT STUDENTS AND ENGLISH LANGUAGE LEARNERS IN ENGLISH

Average Scale Scores for Grades 3-8

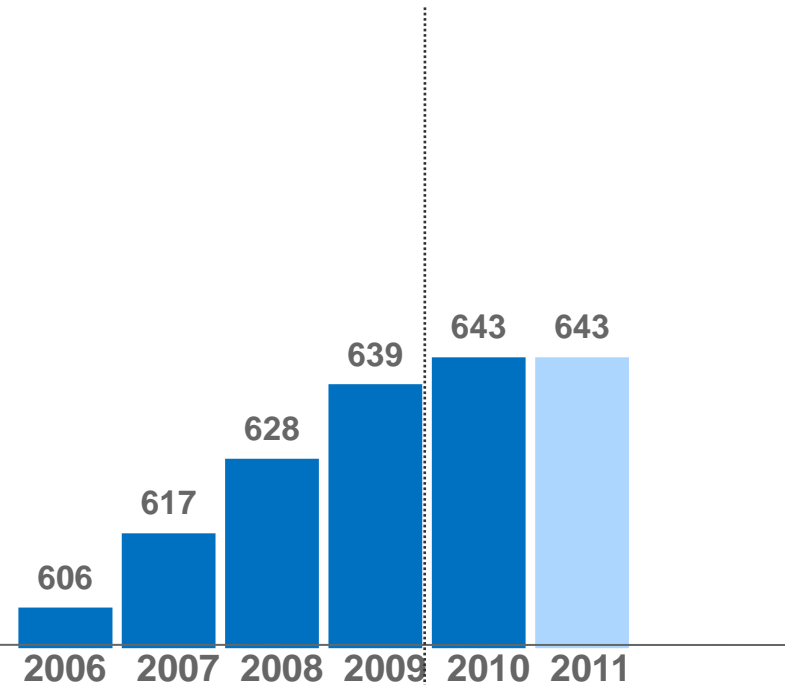
English Proficient Students

2010-2011 Change	2006-2011 Change
-1 pt.	+11 pts.



English Language Learners

2010-2011 Change	2006-2011 Change
+0 pts.	+37 pts.

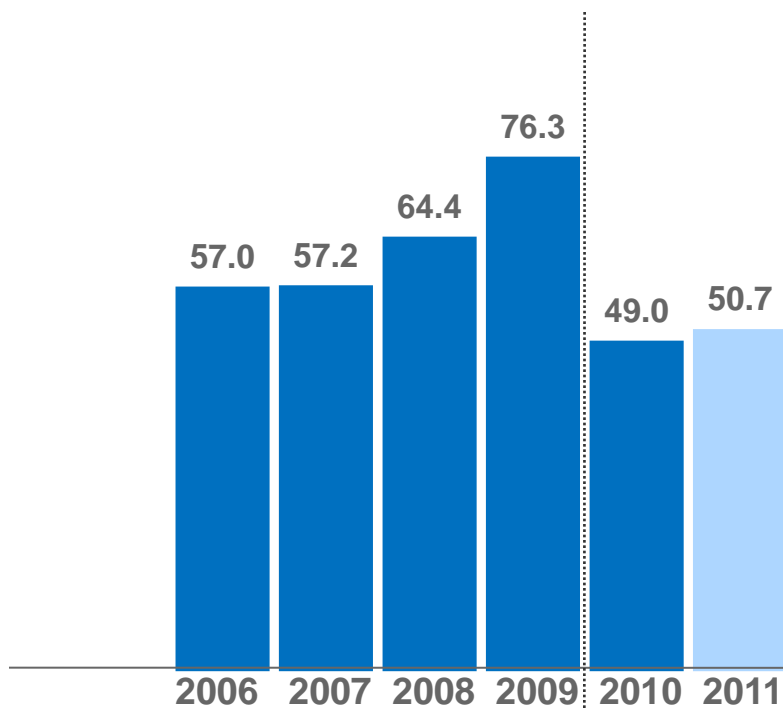


PERCENT OF GENERAL EDUCATION STUDENTS AND STUDENTS WITH DISABILITIES AT LEVELS 3+4 IN ENGLISH

Percent of Students in Grades 3-8 Meeting or Exceeding State Standards (Scoring at Levels 3 & 4)

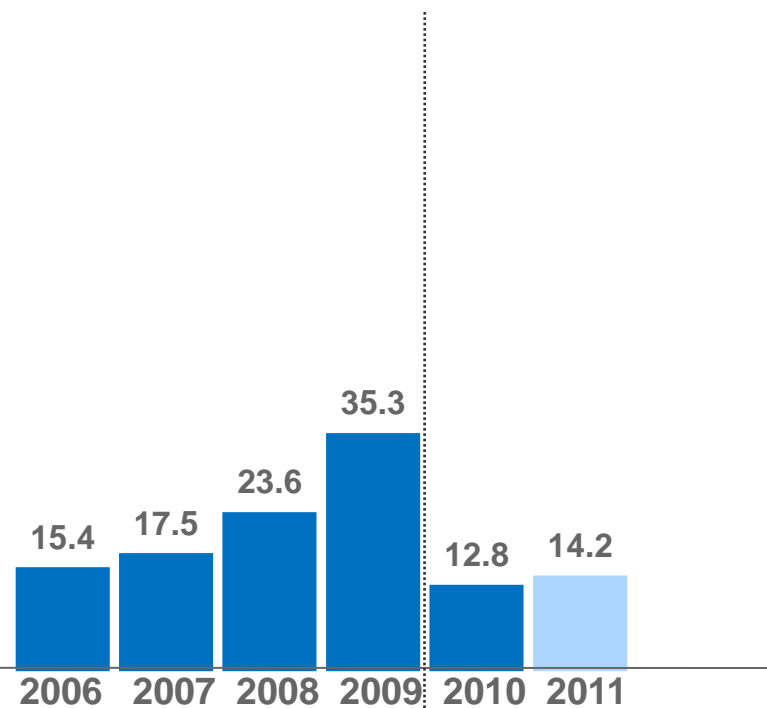
General Education Students

2010-2011 Change	2006-2011 Change
+1.7 pts.	-6.3 pts.



Students With Disabilities

2010-2011 Change	2006-2011 Change
+1.4 pts.	-1.2 pts.

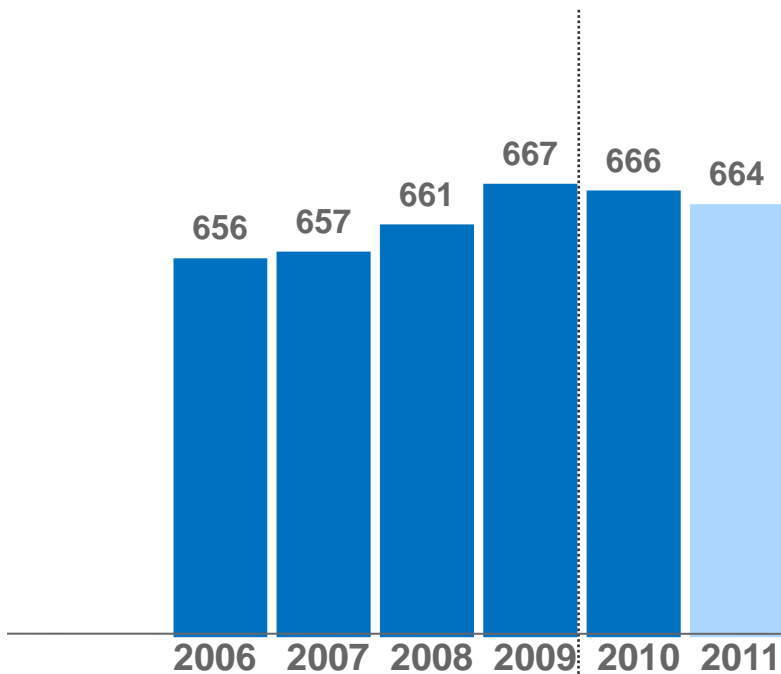


AVERAGE SCALE SCORES FOR GENERAL EDUCATION STUDENTS AND STUDENTS WITH DISABILITIES IN ENGLISH

Average Scale Scores for Grades 3-8

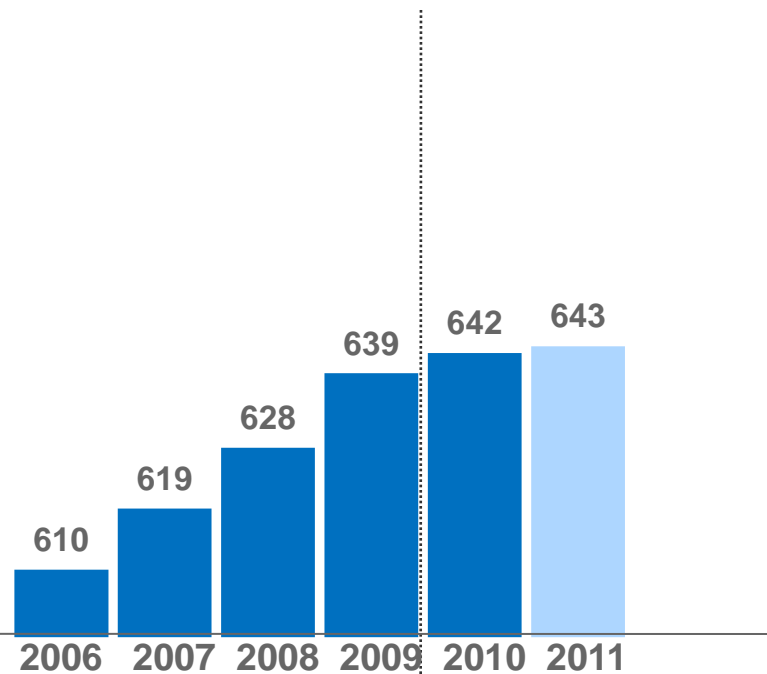
General Education Students

2010-2011 Change	2006-2011 Change
-2 pts.	+8 pts.



Students With Disabilities

2010-2011 Change	2006-2011 Change
+1 pt.	+33 pts.

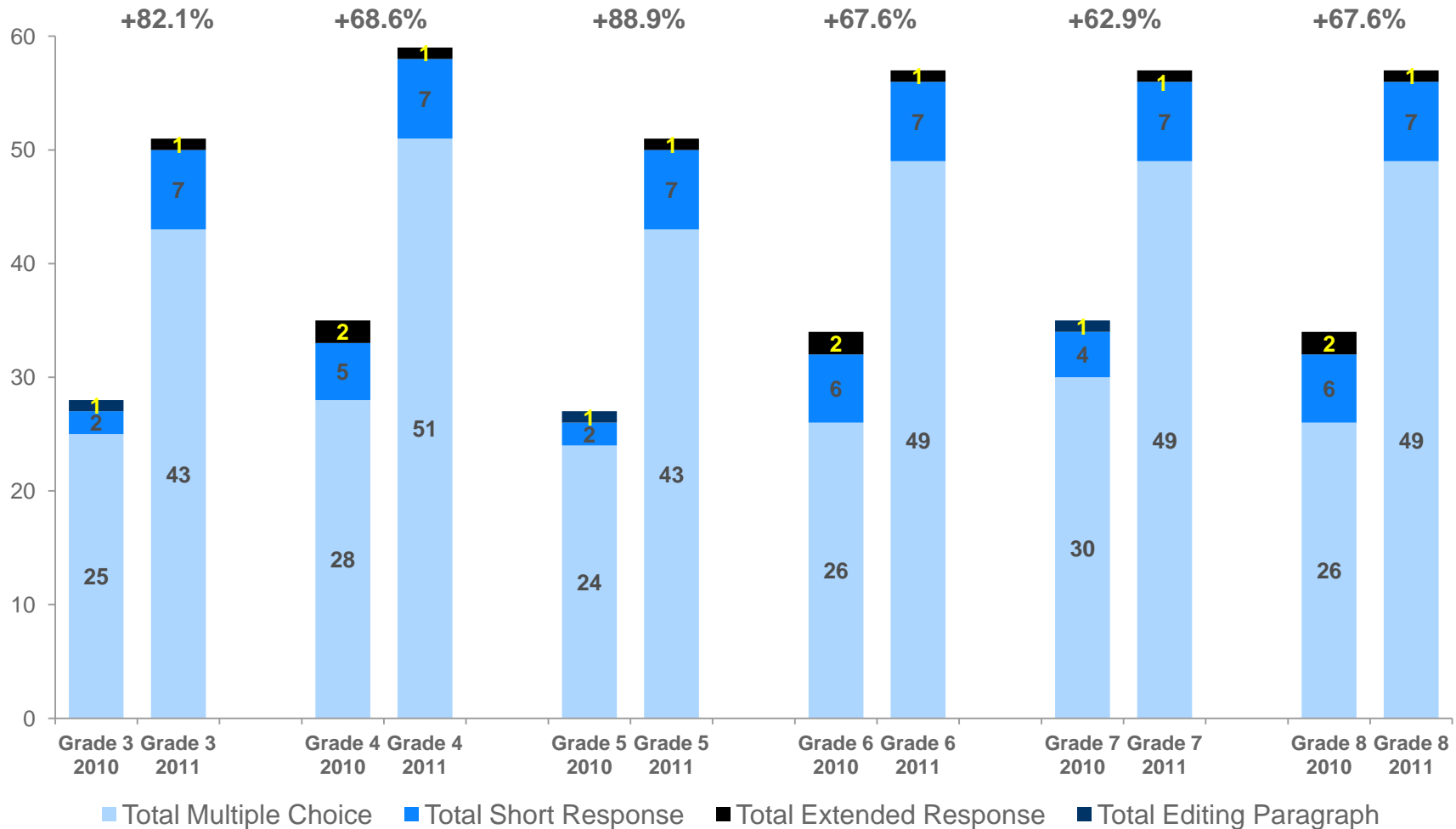


Department of Education
Dennis M. Walcott, Chancellor

In 2010, NYSED increased the scale score required to meet each of the proficiency levels. In addition, in 2011, NYSED lengthened the exams by increasing the number of test questions.

COMPARISON OF 2010 vs. 2011 ENGLISH TEST QUESTIONS:

Tests were longer, had more short answer and multiple choice questions



Short Response: Students read passages and provide short answers (a short phrase up to 1-2 sentences) to questions about the passage.

Extended Response: Students read passages and respond to prompts/questions about the passage in one paragraph or more.

Editing Paragraph: Students given paragraphs containing grammatical mistakes and asked to make corrections (capitalization, punctuation, etc).



Department of Education

Dennis M. Walcott, Chancellor

Impact of SED Results on Students' Summer School Opportunities

7,117 students who *did not* meet promotion standards based on NYC DOE preliminary cut scores (and therefore were mandated for summer school) *did* meet promotion standards based on NY State test results:

- However, **2,309** over-identified students needed to attend summer school anyway due to other subject failure or core course failure.*
- The remaining **4,808** students benefited from additional summer instruction since they only scored at a low level 2.

Grade Level	Promotion Impact
3	1,094 students were over-identified
4	829 students were over-identified
5	1,292 students were over-identified
6	536 students were over-identified
7	1,572 students were over-identified
8	1,794 students were over-identified

*Core course failure is only used as a criteria for promotion in 8th grade. Excludes students with non-standard promotion criteria, such as students with disabilities with modified promotion criteria and English Language Learners with multiple promotion criteria. Excludes District 75, 84, and home schooled students.

2011 SCORES REQUIRED TO REACH EACH PROFICIENCY LEVEL EITHER STAYED THE SAME OR INCREASED EVEN MORE THAN 2010

2011 Scale Score Ranges For Each Proficiency Level Levels 3+4 = Meeting/Exceeding State Standards

Grade	Math Level 1	Math Level 2	Math Level 3	Math Level 4
3	470-661	662-683 <i>(min score 1 pt higher than 2010)</i>	684-706 <i>(min score same as 2010)</i>	707-770 <i>(min score same as 2010)</i>
4	485-635	636-675 <i>(min score same as 2010)</i>	676-706 <i>(min score same as 2010)</i>	707-800 <i>(min score same as 2010)</i>
5	495-639	640-675 <i>(min score same as 2010)</i>	676-706 <i>(min score 2 pts higher than 2010)</i>	707-780 <i>(min score 5 pts higher than 2010)</i>
6	500-639	640-673 <i>(min score same as 2010)</i>	674-699 <i>(min score same as 2010)</i>	700-780 <i>(min score 1 pt higher than 2010)</i>
7	500-638	639-669 <i>(min score same as 2010)</i>	670-693 <i>(min score same as 2010)</i>	694-800 <i>(min score same as 2010)</i>
8	480-638	639-673 <i>(min score same as 2010)</i>	674-703 <i>(min score 1 pt higher than 2010)</i>	704-775 <i>(min score 2 pts higher than 2010)</i>

Grade	English Level 1	English Level 2	English Level 3	English Level 4
3	475-643	644-662 <i>(min score 1 pt higher than 2010)</i>	663-693 <i>(min score 1 pt higher than 2010)</i>	694-780 <i>(min score same as 2010)</i>
4	430-636	637-670 <i>(min score same as 2010)</i>	671-721 <i>(min score 3 pts higher than 2010)</i>	722-775 <i>(min score 2 pts higher than 2010)</i>
5	495-647	648-667 <i>(min score 1 pt higher than 2010)</i>	668-699 <i>(min score 2 pts higher than 2010)</i>	700-795 <i>(min score same as 2010)</i>
6	480-643	644-661 <i>(min score same as 2010)</i>	662-693 <i>(min score same as 2010)</i>	694-785 <i>(min score same as 2010)</i>
7	470-641	642-664 <i>(min score same as 2010)</i>	665-697 <i>(min score 1 pt higher than 2010)</i>	698-790 <i>(min score same as 2010)</i>
8	430-627	628-657 <i>(min score 1 pt higher than 2010)</i>	658-698 <i>(min score same as 2010)</i>	699-790 <i>(min score same as 2010)</i>

