Measuring Student Proficiency in Grades 3-8 English Language Arts

Made

Changes Made As a Result of a Deliberate Process

- Started multi-year process with the Board of Regents report in June 2015
- Listened to feedback from parents, teachers, administrators and students
- Made recommendations as part of Governor's Task Force
- Presented changes to the Board of Regents in December 2015
- Implemented the changes in time for the spring 2016 exams

2016 Summary – NYC

The percentage of NYC students who scored at the proficient level increased in both ELA and math and NYC now meets the rest of the State in proficiency in ELA.

% of Students Proficient in Grades 3 -8			
	2015	2016*	Percentage Point Change
Statewide Combined Grades ELA	31.3	37.9	6.6
NYC Combined Grades ELA	30.4	38	7.6
Statewide Combined Grades Math	38.1	39.1	1
NYC Combined Grades Math	35.2	36.4	1.2

*Due to changes in the 2016 exams, the proficiency rates from exams prior to 2016 are not directly comparable to the 2016 proficiency rates

2016 Summary – Big 5 School Districts

Most Big 5 schools saw increases in ELA with smaller increases in math

% of Students Proficient in ELA in Grades 3-8			
	2015	2016*	Percentage Point Change
New York City	30.4	38	7.6
Buffalo	11.9	16.4	4.5
Rochester	4.7	6.7	2
Syracuse	8.1	10.9	2.8
Yonkers	20.3	26	5.7
% of Students Proficient in Math in Grades 3-8			
	2015	2016*	Percentage Point Change
New York City	35.2	36.4	1.2
Buffalo	15.1	16.1	1
Rochester	7.4	7.2	-0.2
Syracuse	9.4	10.4	1
Yonkers	24	24.6	0.6

*Due to changes in the 2016 exams, the proficiency rates from exams prior to 2016 are not directly comparable to the 2016 proficiency rates

2016 Summary – Charter Schools

- Charter school students' proficiency on the ELA exam across grades 3-8 went up this year, more so for students attending charter schools in New York City.
- In math, student proficiency went up less.

% of Students Proficient in Grades 3 -8			
	2015	2016*	Percentage Point Change
Charter Schools Combined Grades ELA	27.5	40.3	12.8
NYC Charter Combined Grades ELA	29.3	43	13.7
Charter Schools Combined Grades Math	41.5	45.4	3.9
NYC Charter Combined Grades Math	44.2	48.7	4.5

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Early Grade ELA Proficiency

- Grades 3 and 4 saw the biggest change in student proficiency on the ELA exam this year was in.
- Statewide, the percentage of third graders who scored at the proficient level increased by 10.9 percentage points; the percentage of fourth graders increased 8.1 percentage points.

% of Students Proficient in ELA in Grades 3 & 4			
	2015	2016*	Percentage Point Change
Statewide Combined Grade 3 ELA	31	41.9	10.9
Statewide Combined Grade 4 ELA	32.7	40.8	8.1

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Variety of Factors May Have Contributed:

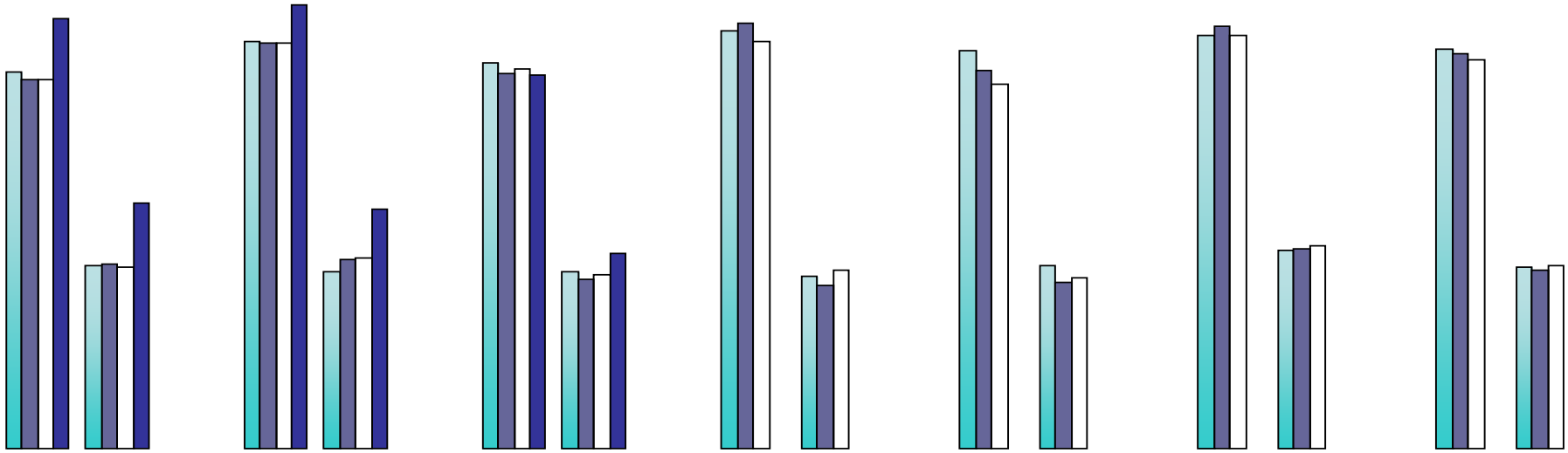
These differences may be the result of a number of factors, including the following:

- Reduced number of test questions on every assessment
- Allowed students who are productively working to complete their exams
- Students in grades 3 & 4 have received instruction in the new learning standards since kindergarten and first grade
- Teachers have had an additional year of experience with the State's higher learning standards

Test Refusal Remains Flat

- The test refusal rate was approximately 21% in 2016
- This remains relatively flat compared to the previous year

2016
Grades 3- 8
English Language Arts Test Results



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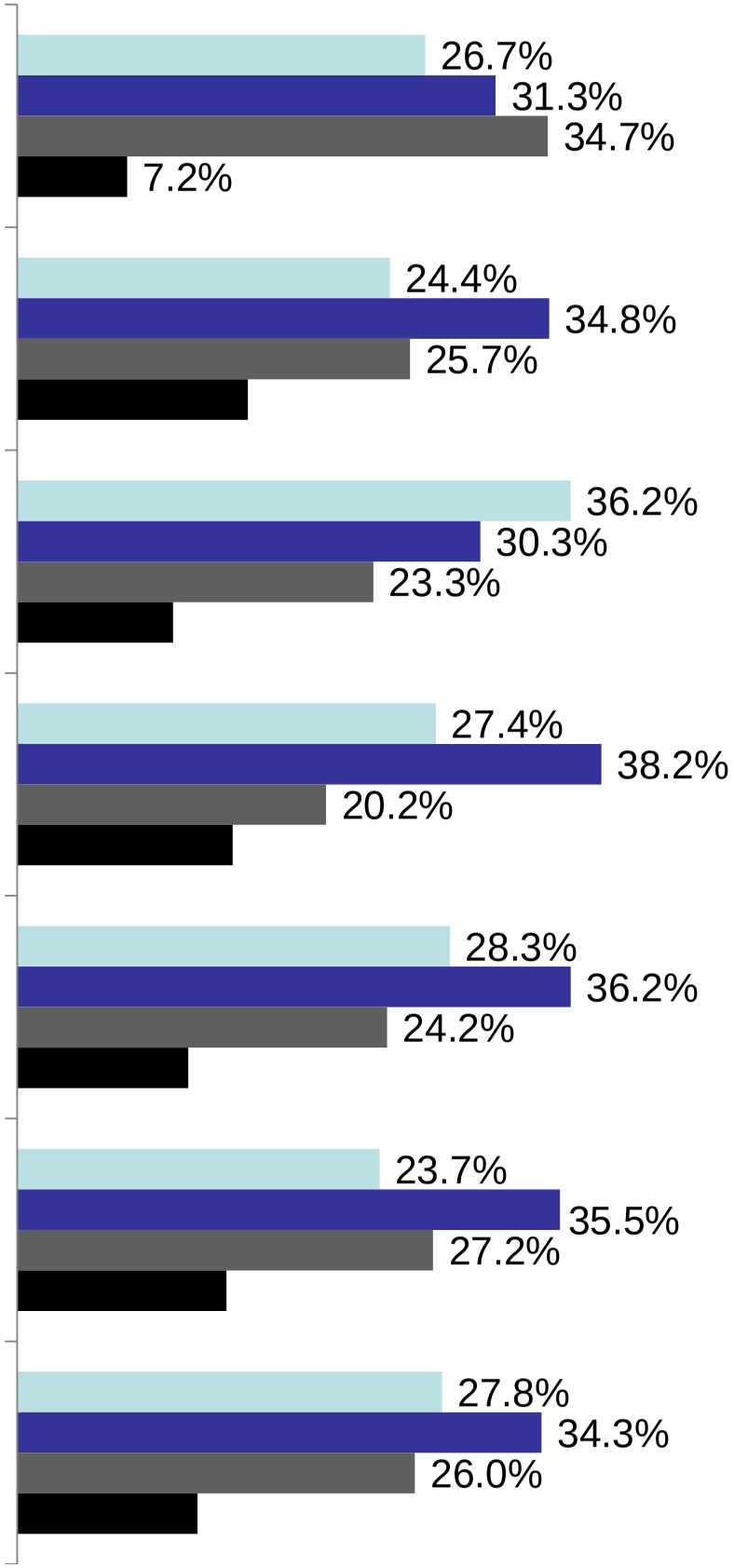
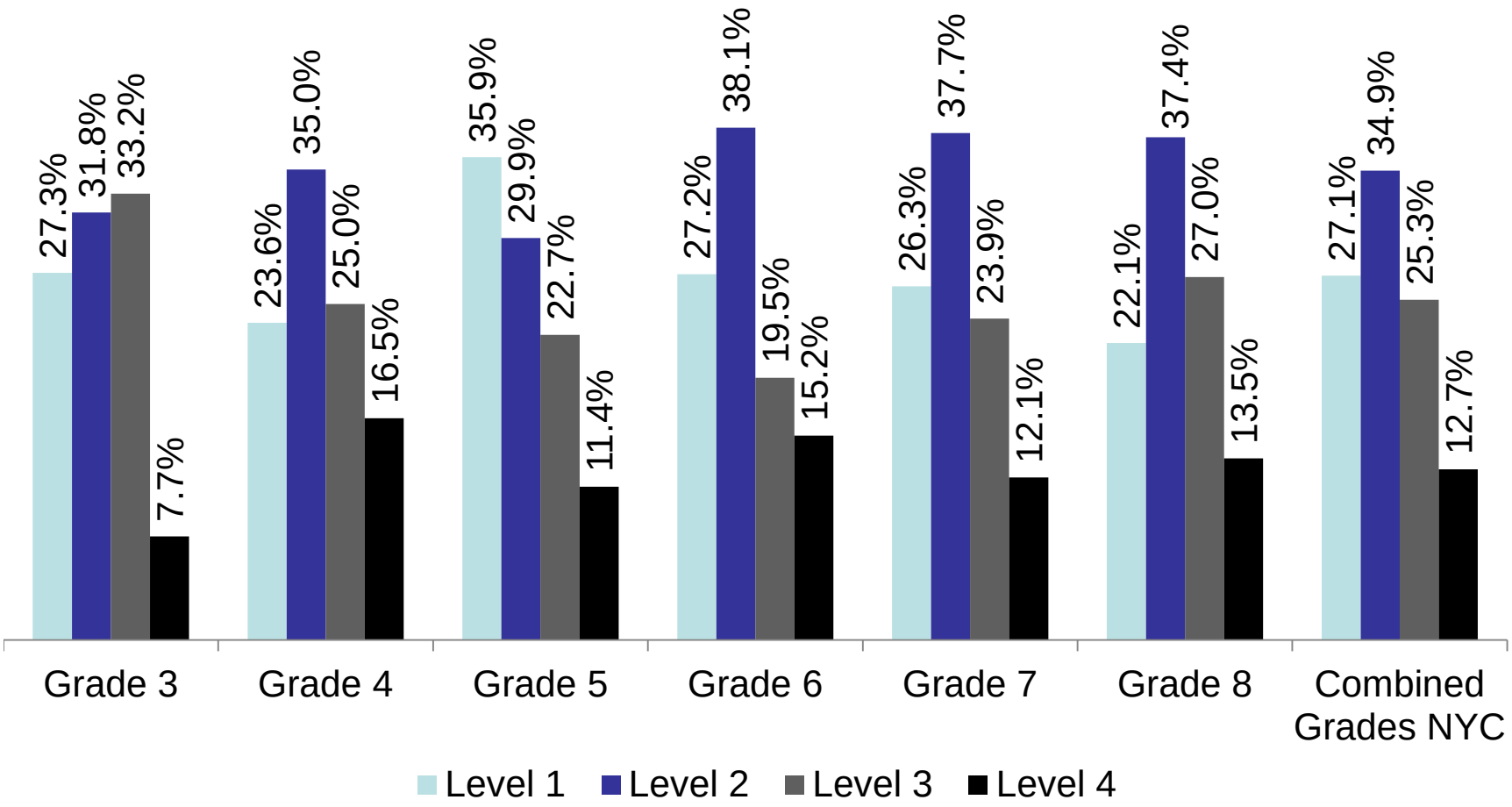
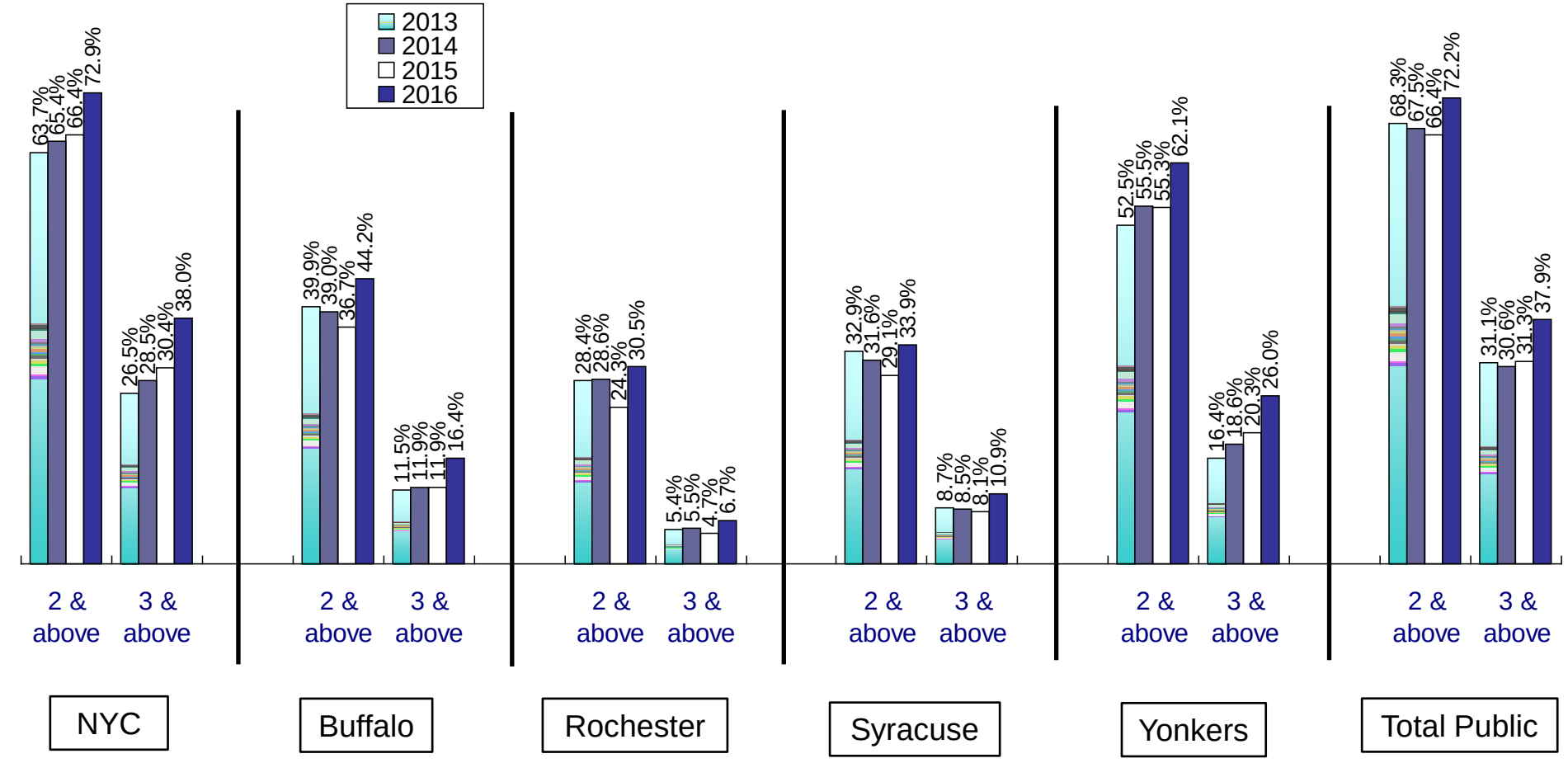

26.7%
31.3%
34.7%
7.2%
24.4%
34.8%
25.7%
36.2%
30.3%
23.3%
27.4%
38.2%
20.2%
28.3%
36.2%
24.2%
23.7%
35.5%
27.2%
27.8%
34.3%
26.0%

2016 NYC Proficiency in ELA

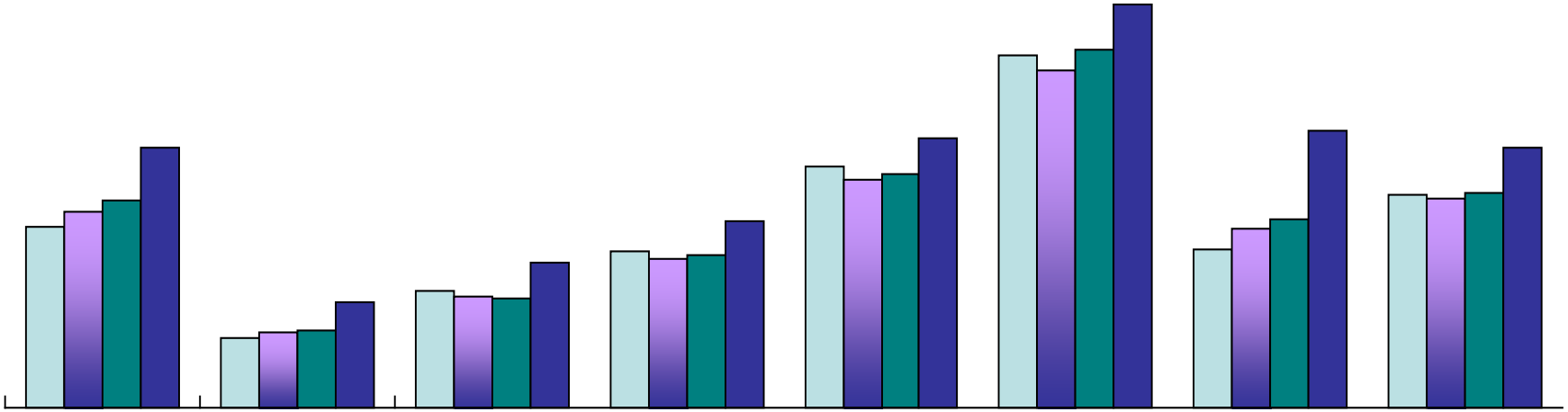


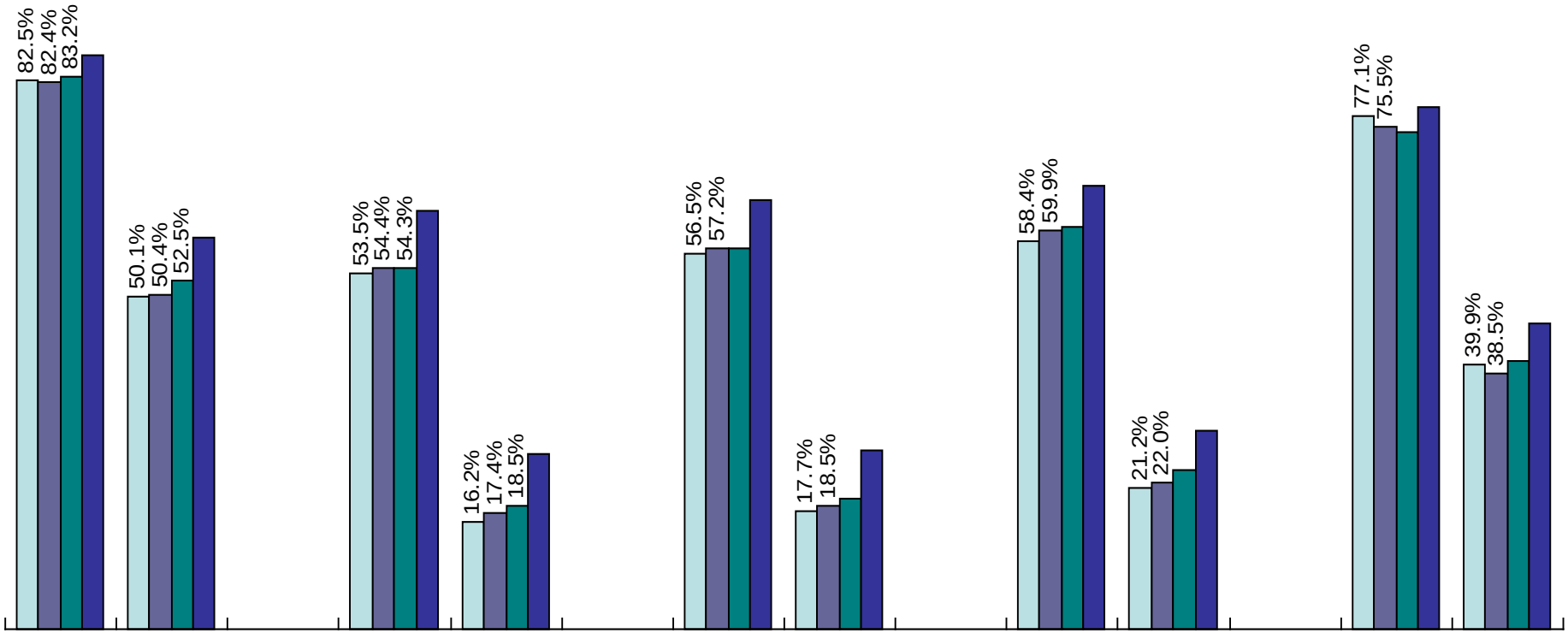
Big 5 City District Proficiency in ELA

ELA proficiency increased in each Big 5 City School District



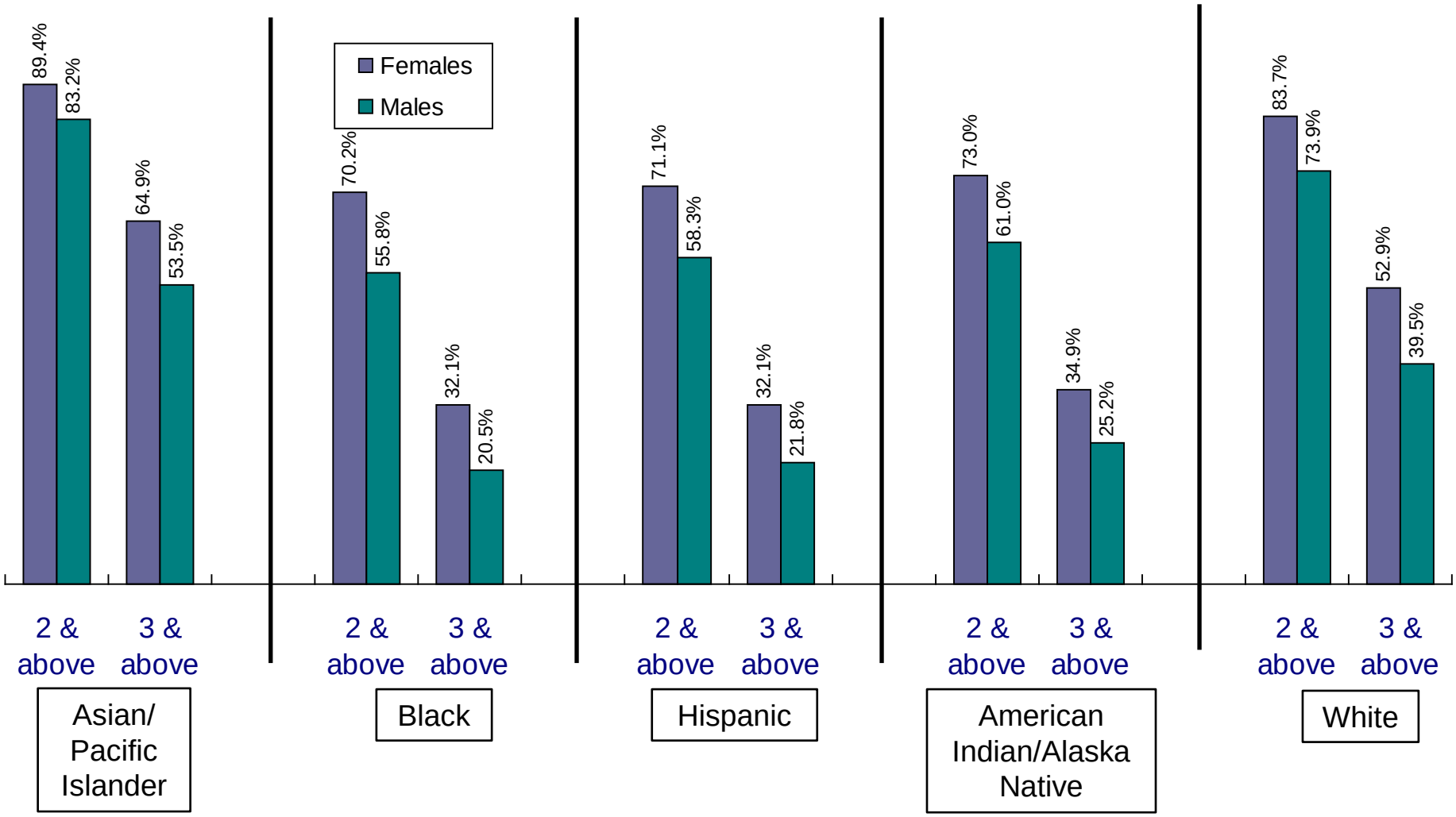
Percentage of All Test Takers in 2013, 2014, 2015, and 2016 who scored at Level 2 & Above and Level 3 a d e s





*Due to changes in the 2016 exams, the proficiency rates from exams prior to 2016 are not directly comparable to the 2016 proficiency rates

Across all Race/Ethnicity groups, girls performed better than boys statewide



Percentage of All Test Takers Scoring at Level 2 & Above and Level 3 & Above for 2016 by Gender and Race/Ethnicity

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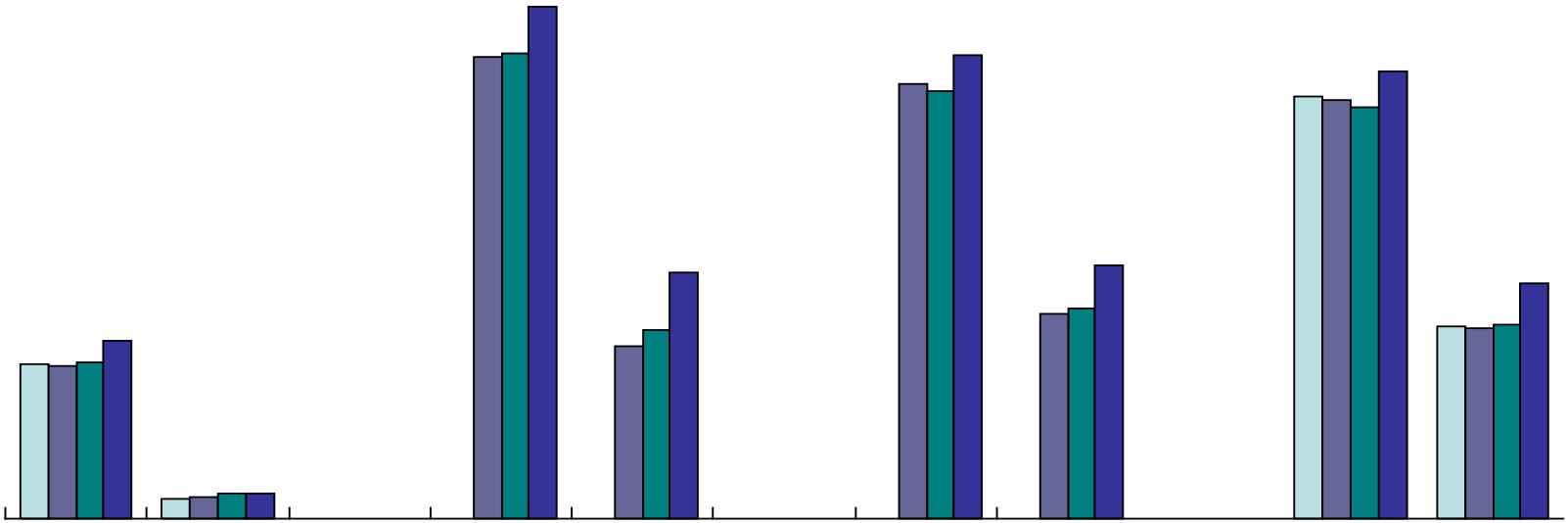
Percentage of All Test Takers in 2013, 2014, 2015, and 2016 who scored at



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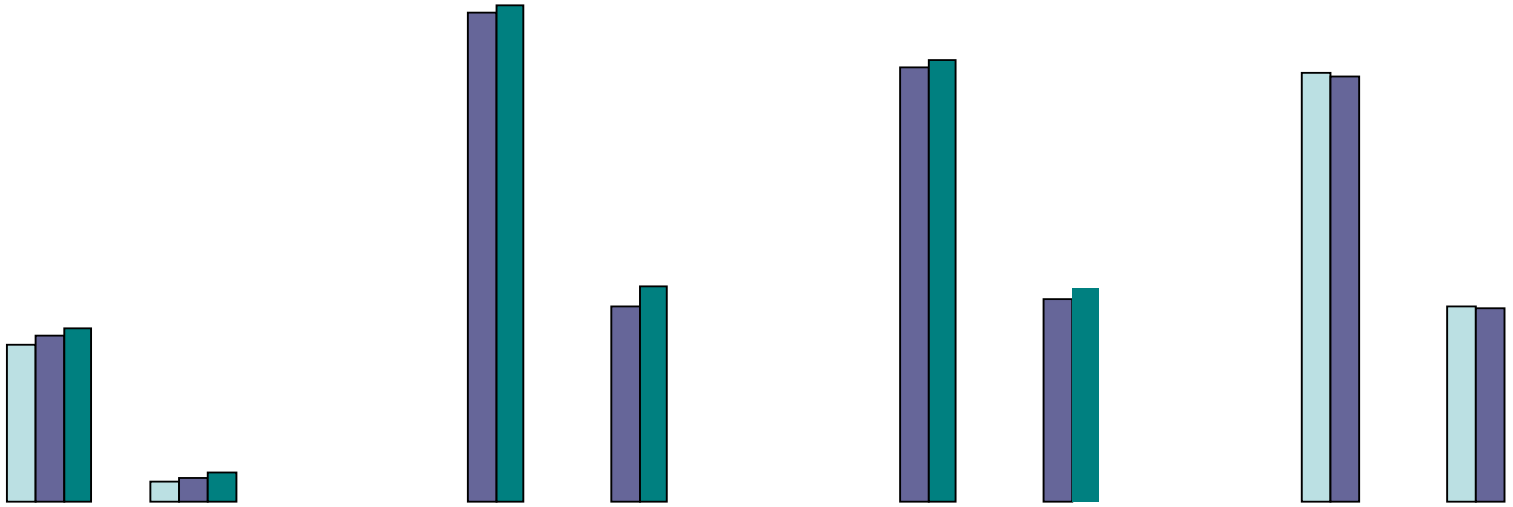
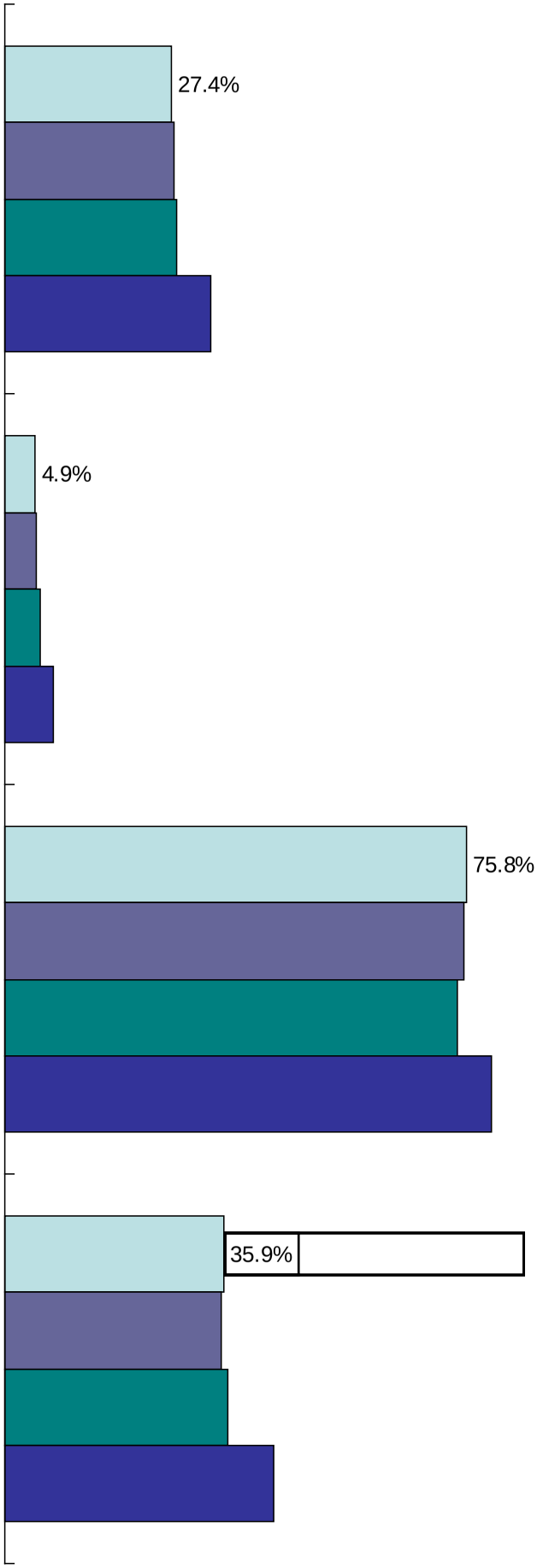
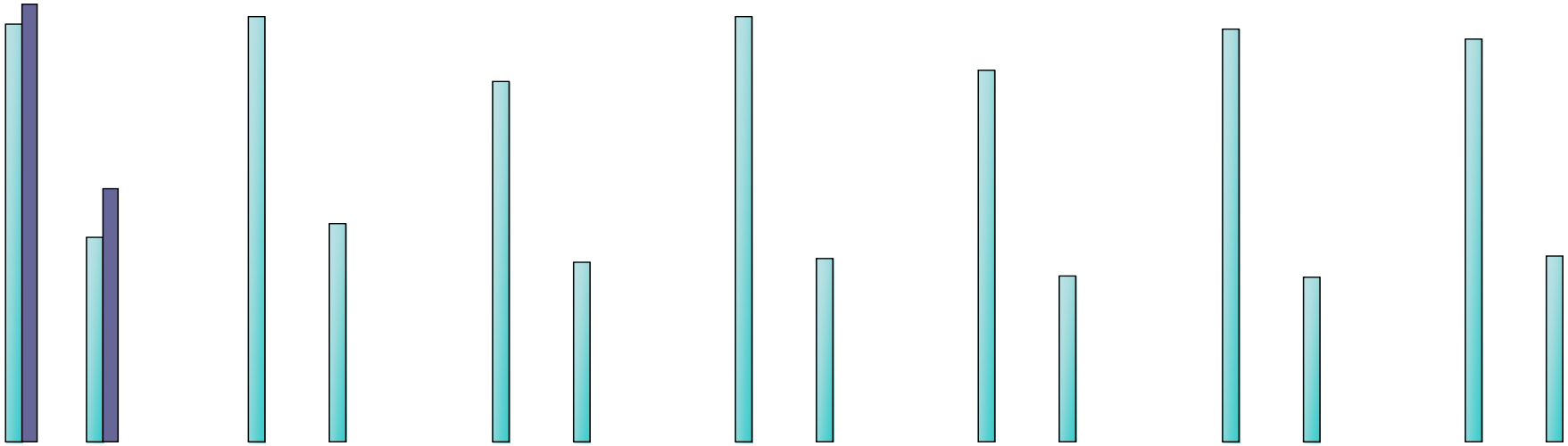
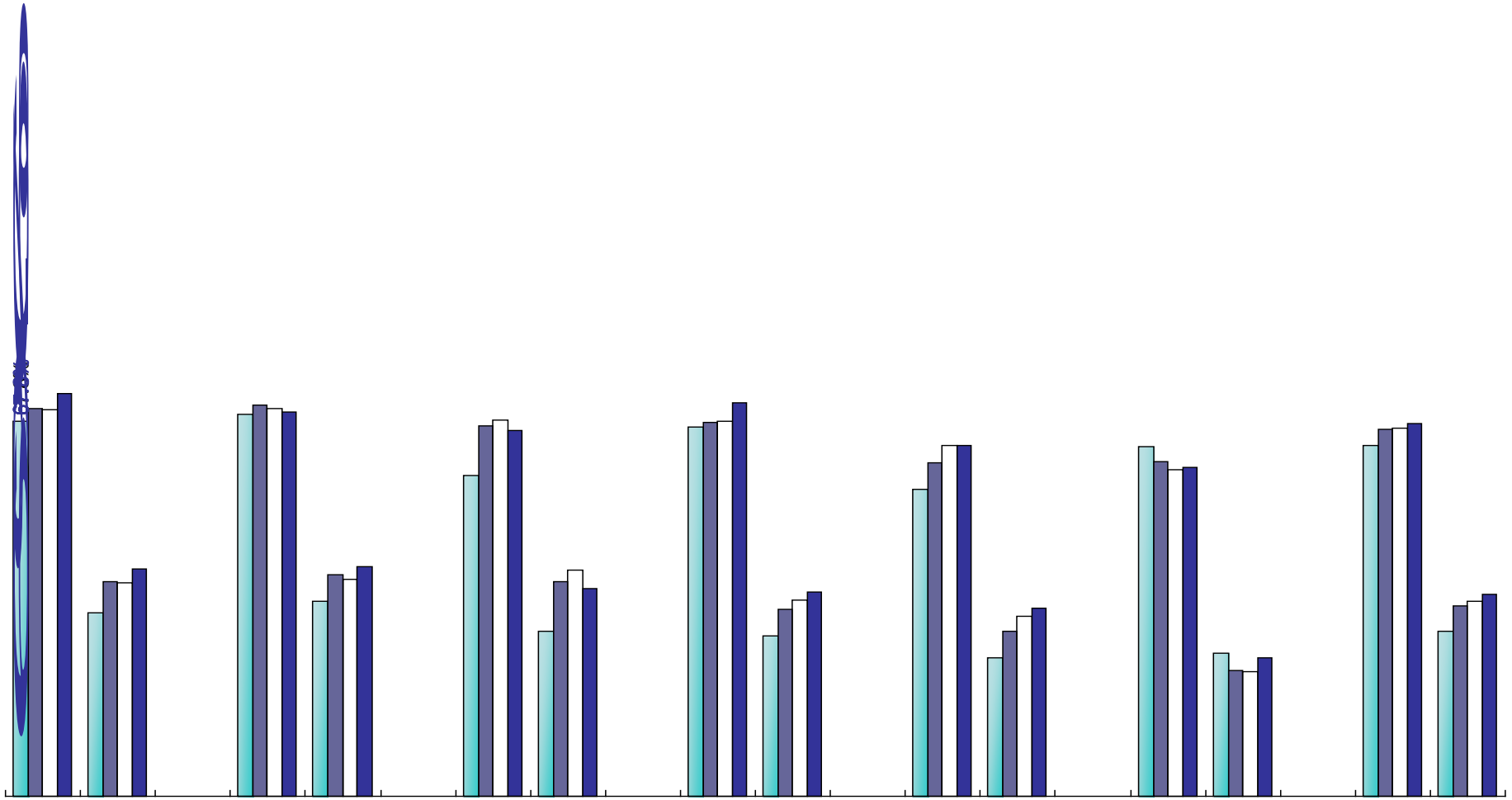



27.4%
4.9%
75.8%
35.9%

2016
Grades 3- 8
Math Test Results





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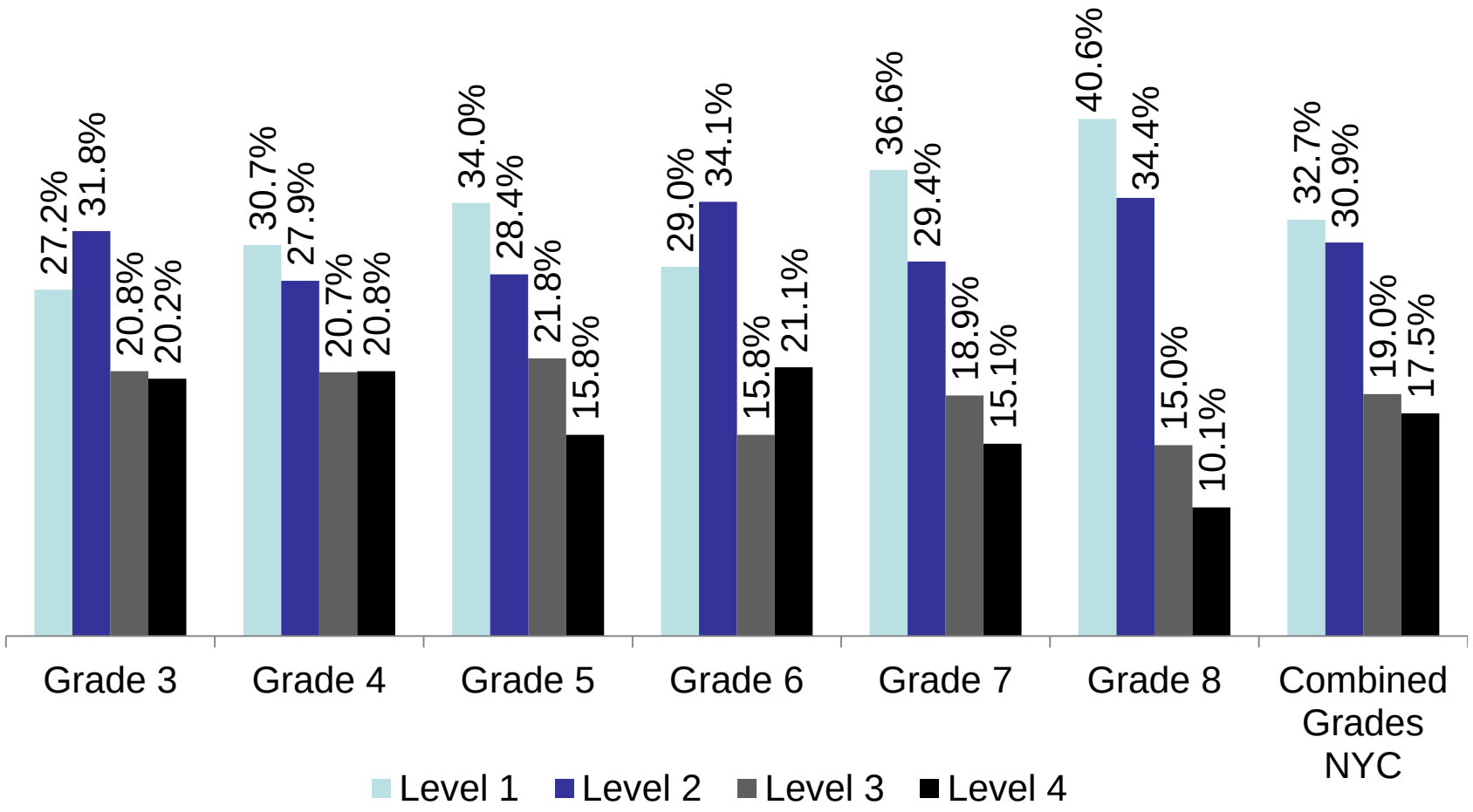
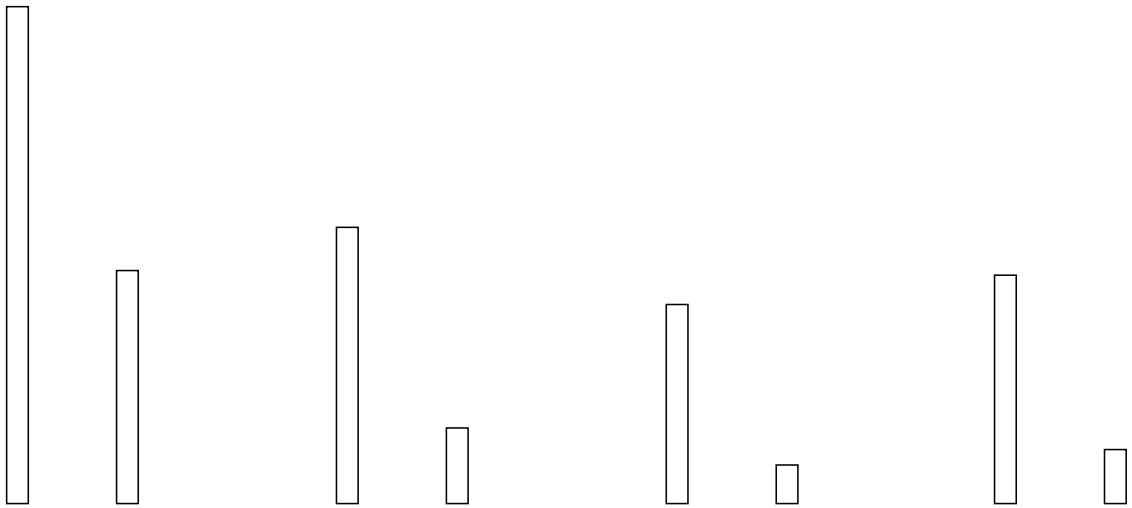
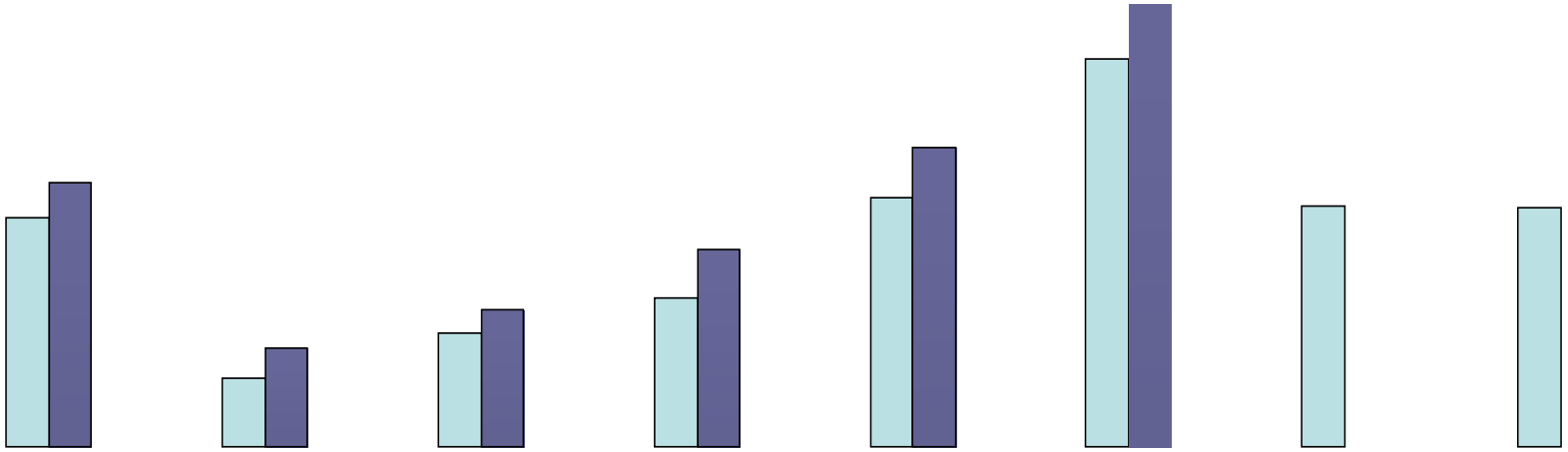
2016 NYC Proficiency in Math

A USED waiver eliminated unnecessary double testing and allowed accelerated math students to participate in high school math Regents Exams instead of the Grade 8 Math Test, which may cause a decrease in the percentage proficient in Grade 8 as compared to other grades.







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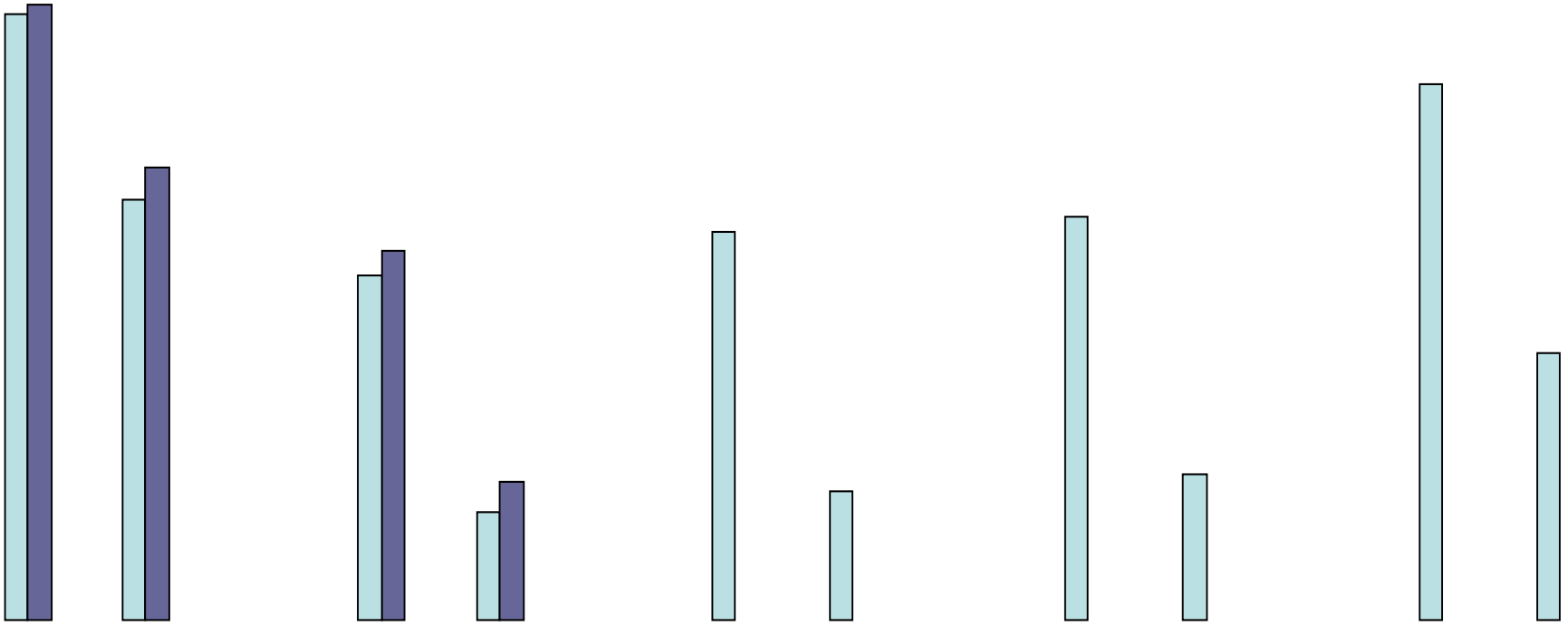

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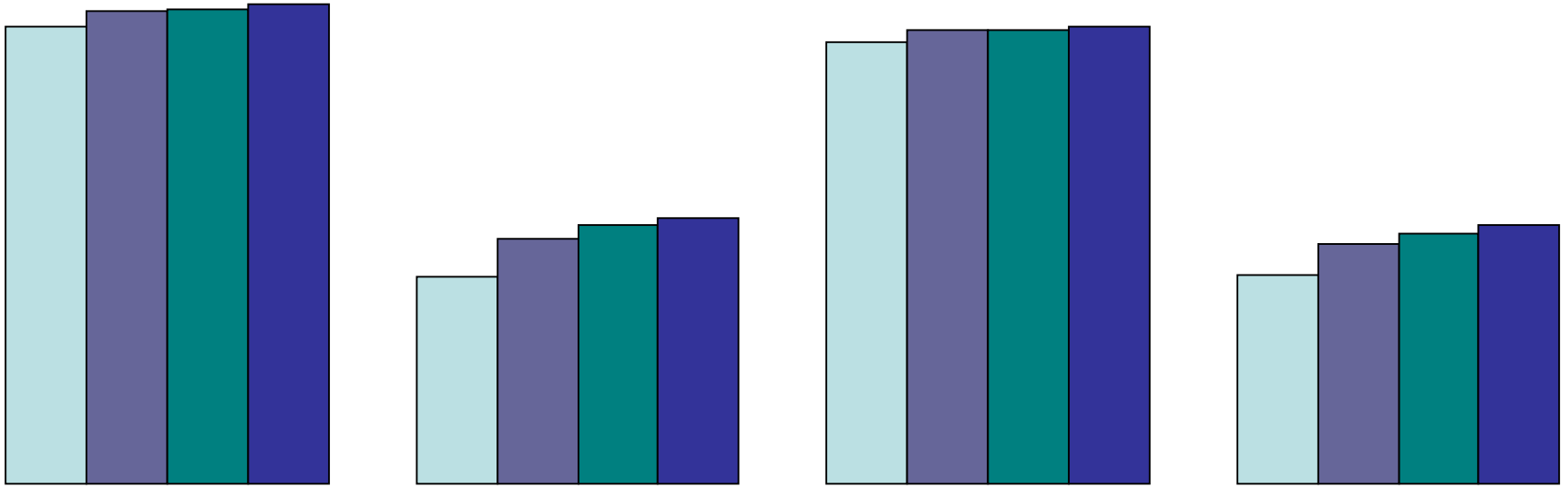
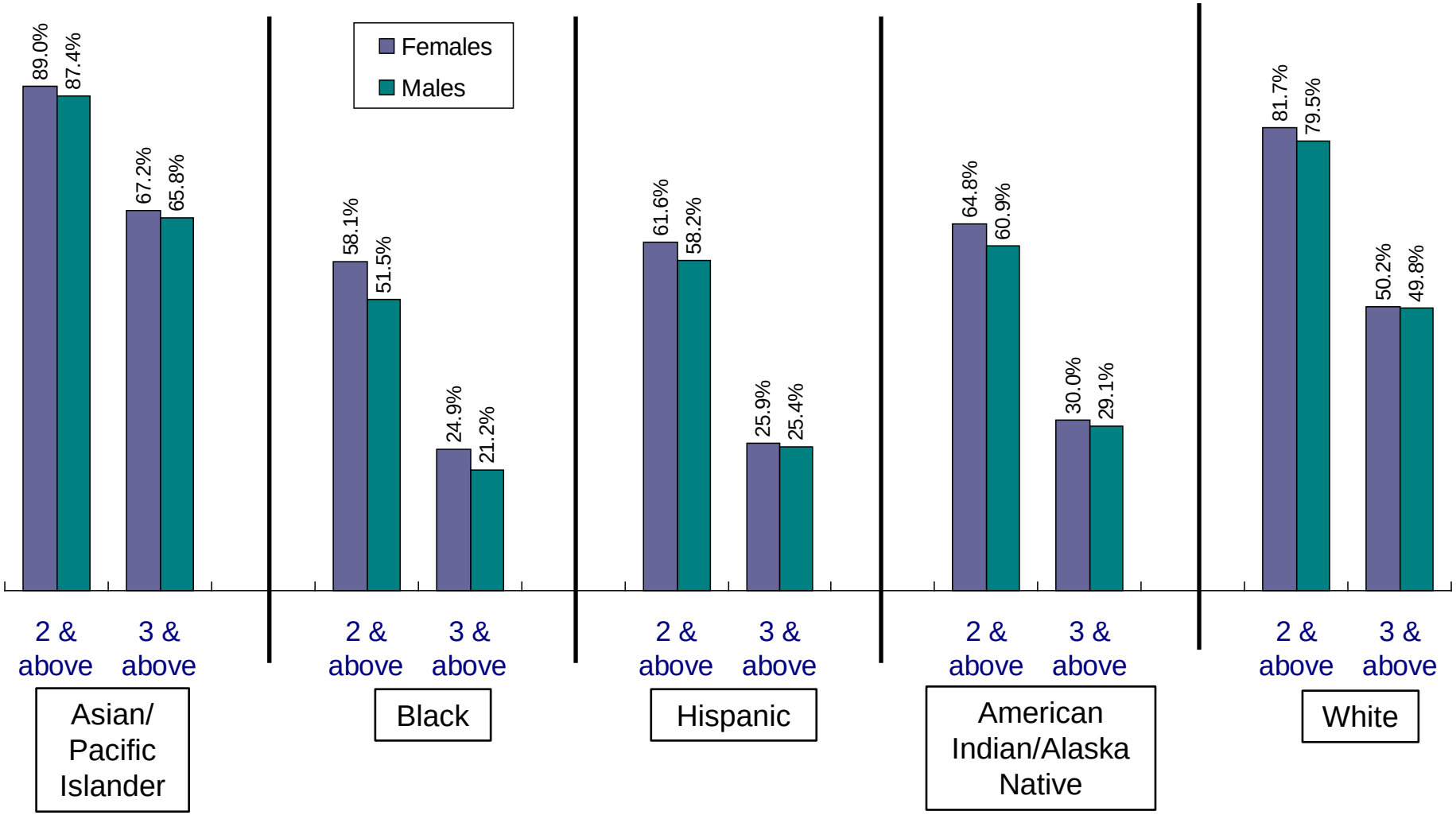


Percentage of All Test Takers Scoring at Level 2 and Above and Level 3 and Above for 2013, 2014, 2015, and 2016 by Combined Grades

Across all Race/Ethnicity groups, girls and boys performed similarly in math



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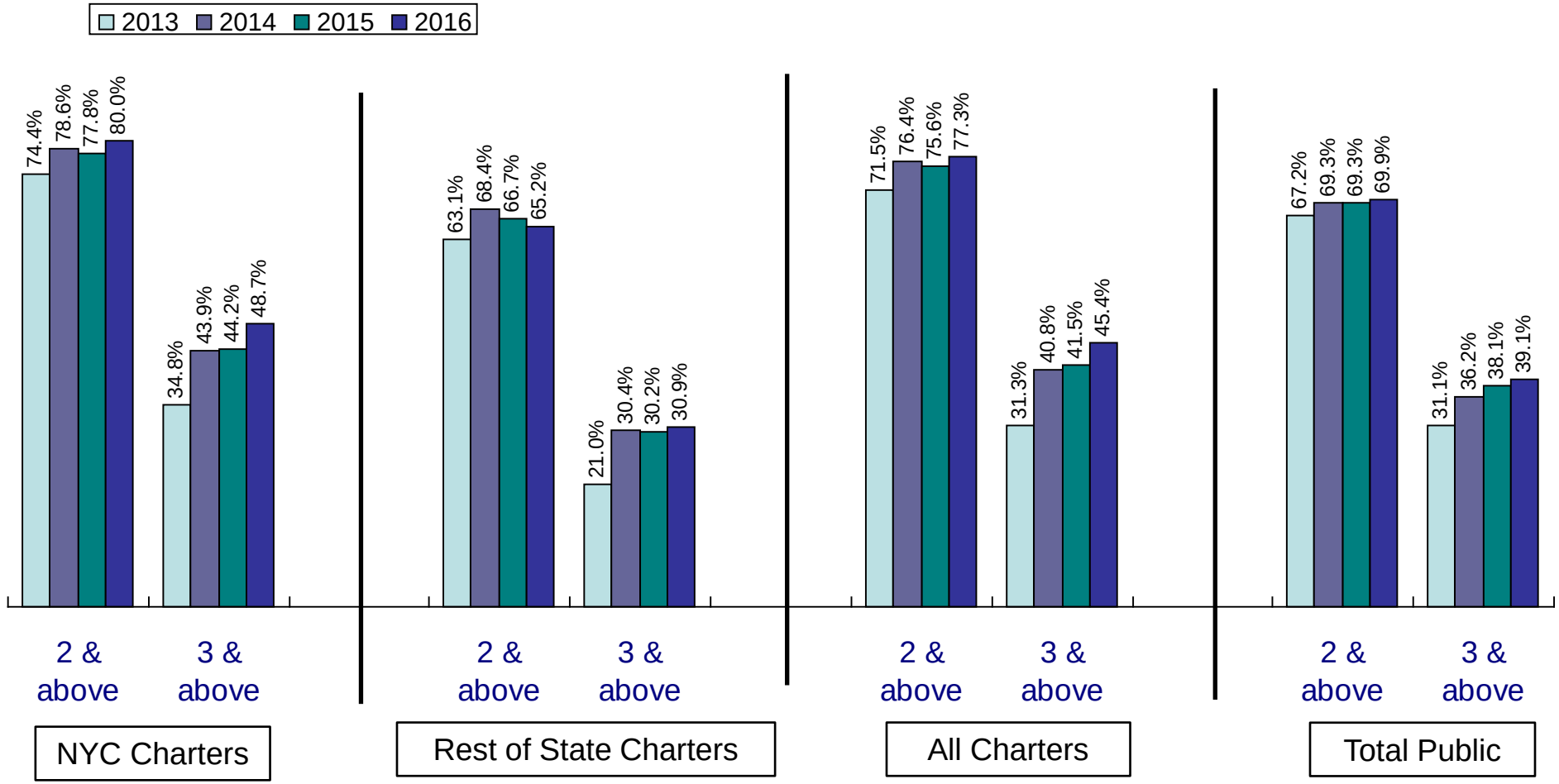
2013
2014
2015
2016
74.4%
78.6%
77.8%
80.0%
34.8%
43.9%
44.2%
48.7%
63.1%
68.4%
66.7%
65.2%
21.0%
30.4%
30.2%
30.9%
71.5%
76.4%
75.6%
77.3%
31.3%
40.8%
41.5%
45.4%
67.2%
69.3%
69.3%
69.9%
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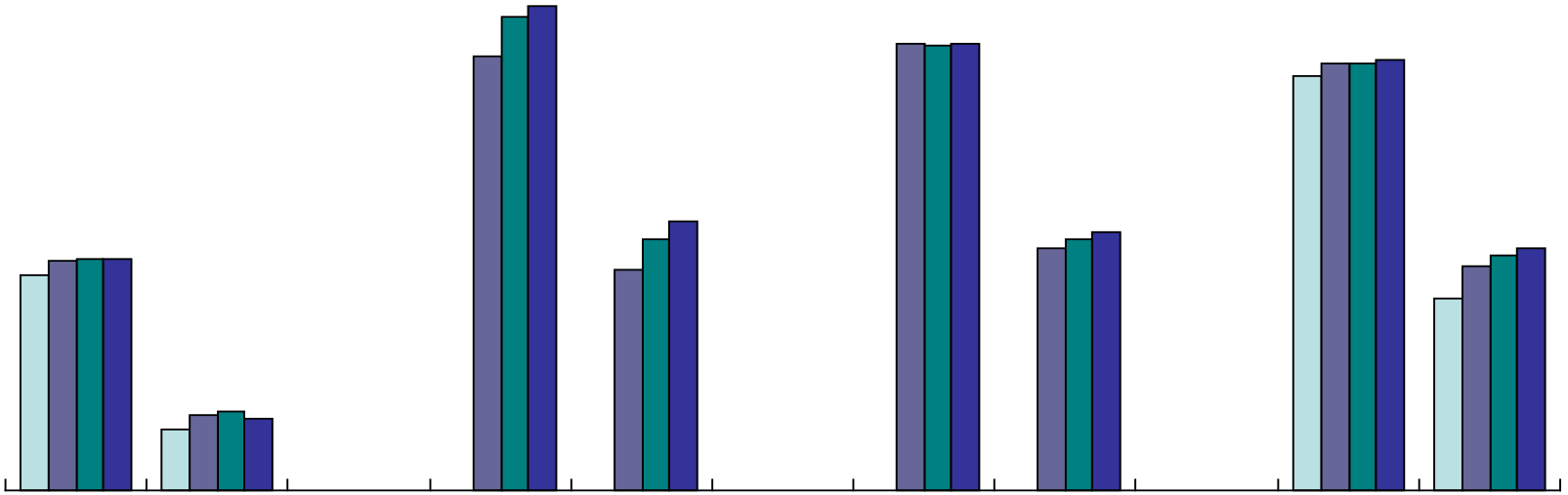
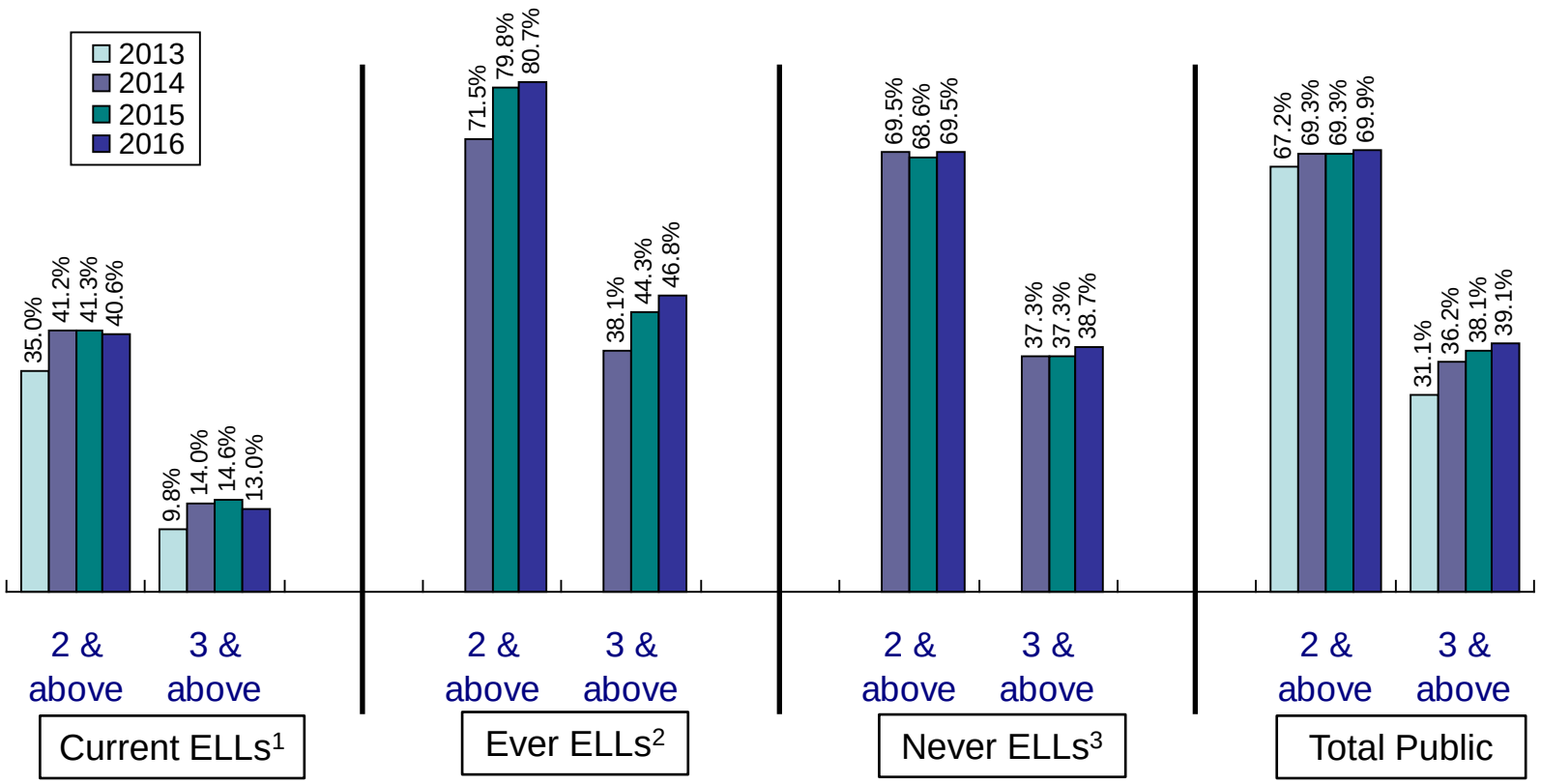
36.2%
38.1%
39.1%
2 & above
3 & above
NYC Charters
Rest of State Charters
All Charters
Total Public



NYC English Language Learner Proficiency in Math



[1] Students identified as ELL during the reported year.
[2]Students identified as ELL any year prior to the reported year but not including the reported year.
[3]Students never reported to have received ELL services.

Ever and Never ELLs data are only available for 2014, 2015, and 2016.

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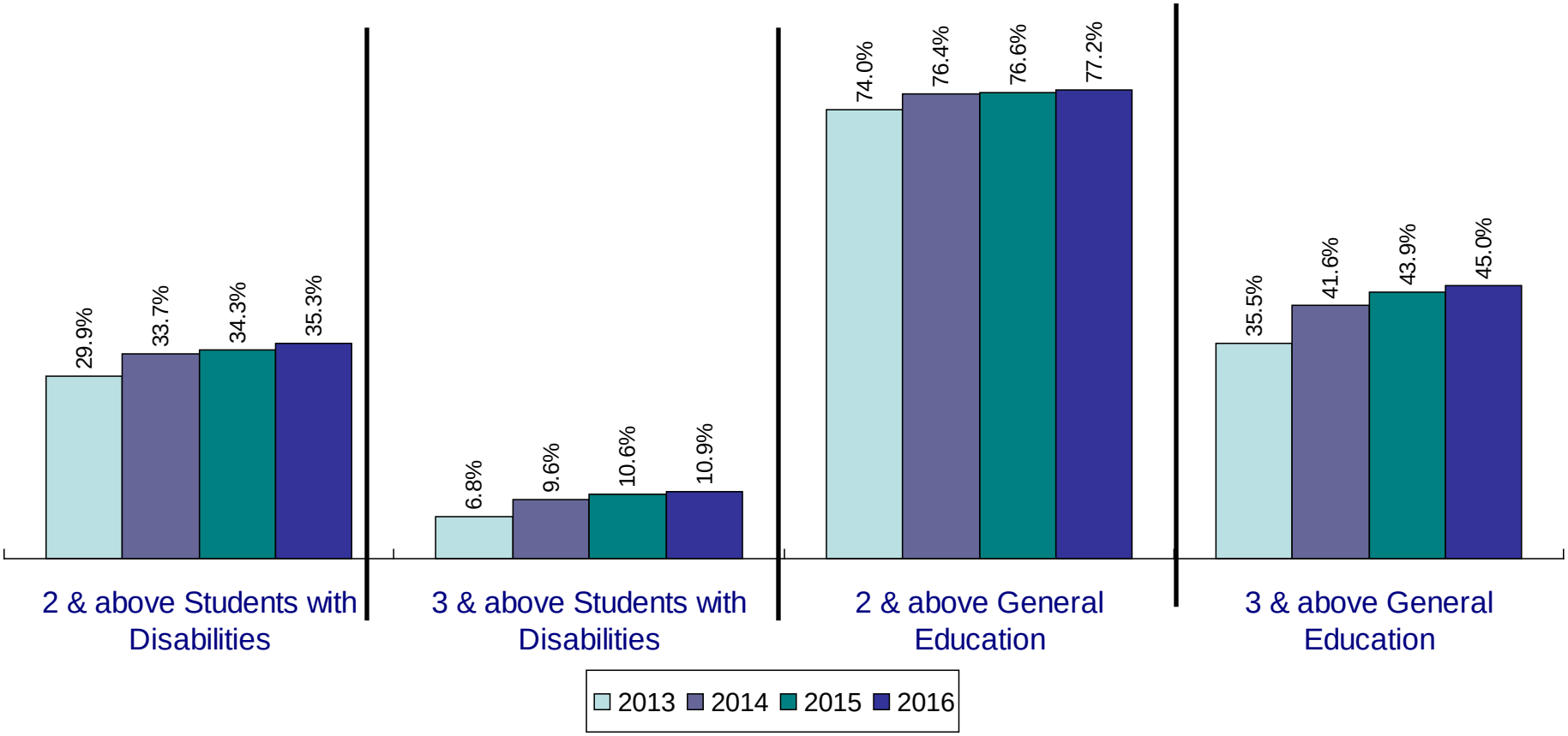
Students with Disabilities Proficiency

10.9 percent of students with disabilities met or exceeded the math proficiency standard (Level 3 and 4) in 2016; the percentage scoring at Level 2 & Above increased to 35.3 percent



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2016
Not Tested
and Test Refusal Data

Not Tested Data

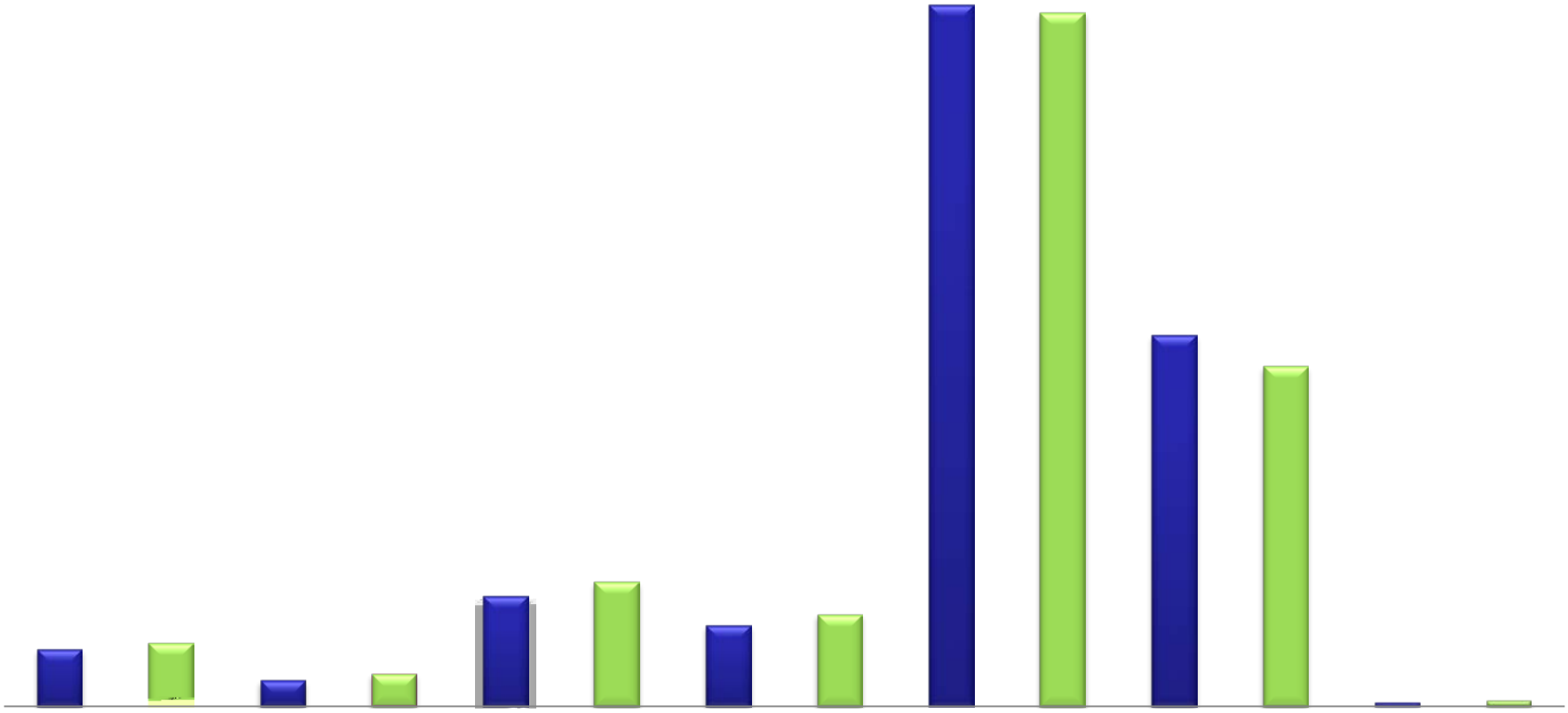
- SED historically only tracked the number of students not tested for an invalid, unknown reason. These students are categorized as “not tested” students.

- The not tested count includes students who were absent during the test administration period as well as students who refused the test. The count does not include students who were medically excused.

- NYSED is able to provide additional analysis this year on Test Refusal data through collaboration with our regional information centers. A Test Refusal file is available online here: http://www.p12.nysed.gov/irs/pressRelease/20160729/

- Approximately 78% of eligible test takers participated in the 2016 Grades 3-8 ELA and Math tests; about 22% percent of eligible test takers did not participate in these tests and did not have a recognized, valid reason for not participating.

2015 Not Tested	2016 Not Tested	2016 Test Refusal



Conclusion

- Overall, students scoring at the proficiency level increased, especially in ELA
- Work remains to improve scores across the board
- Multi-year process to make improvements to standards, curriculum and testing will continue