Department of Education
Carmen Fariña, Chancellor

School Quality Guide

2013-2014

School: Brooklyn Academy of Science and the Environment

DBN: 17K547

Principal: Veronica Peterson

School Type: High School

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School Overview

Grade	Enrollment		
	2011-2012	2012-2013	2013-2014
Grade 9	166	154	115
Grade 10	145	168	161
Grade 11	75	88	114
Grade 12	85	80	87
All Students	**471**	**490**	**477**

Student Population Characteristics	2011-2012	2012-2013	2013-2014
% English Language Learners	7%	8%	6%
% Students with IEPs	14%	15%	17%
% Students with IEPs (less than 20% time with non-disabled peers)	5%	7%	7%
% Free Lunch Eligible	65%	74%	74%
% Overage Under-Credited	7%	8%	6%
% Asian	4%	5%	4%
% Black	80%	80%	80%
% Hispanic	14%	14%	13%
% White	1%	1%	1%
% Other	0%	0%	1%
Average Incoming ELA Proficiency (based on 8th grade)	-	2.64	2.31
Average Incoming Math Proficiency (based on 8th grade)	-	2.86	2.23

Quality Review

Dates of Review: Feb 11 - 12, 2013
Principal at Time of Review: Veronica Peterson

UNDERDEVELOPED	DEVELOPING	**PROFICIENT**	WELL DEVELOPED

Student Progress

NOT MEETING TARGET	APPROACHING TARGET	**MEETING TARGET**	EXCEEDING TARGET

Student Achievement

NOT MEETING TARGET	**APPROACHING TARGET**	MEETING TARGET	EXCEEDING TARGET

School Environment

NOT MEETING TARGET	APPROACHING TARGET	**MEETING TARGET**	EXCEEDING TARGET

College and Career Readiness

NOT MEETING TARGET	APPROACHING TARGET	**MEETING TARGET**	EXCEEDING TARGET

Closing the Achievement Gap

NOT MEETING TARGET	APPROACHING TARGET	MEETING TARGET	**EXCEEDING TARGET**

State Accountability

The school's current status: **Good Standing**

This designation is determined by the New York State Department of Education under the Elementary and Secondary Education Act (ESEA) Flexibility Waiver. More information on New York State accountability can be found here: http://schools.nyc.gov/Accountability/tools/accountability/default.htm.

SPECIAL RECOGNITION

College Preparatory Courses

Quality Review

PROFICIENT 3

Dates of Review: Feb 11 - 12, 2013
Principal at Time of Review: Veronica Peterson
QR Lead Reviewer: Karen Watts

The Quality Review is an evaluation of the school by an experienced educator based on a formal school visit. The educator observes classrooms and engages in conversations with parents, students, teachers, and school leaders to assess schoolwide practices. The Quality Review report provides specific feedback to support the school's efforts. The information displayed here reflects the most recent year that a Quality Review was conducted at this school. Some schools will not have Quality Review information if they opened within the last two years or if their most recent review took place prior to August 2010.

To what extent does the school...

1.1 *Ensure engaging, rigorous, and coherent curricula in all subjects, accessible for a variety of learners and aligned to Common Core Learning Standards and/or content standards?*

WELL DEVELOPED

Excerpt: The school's comprehensive Common Core aligned curricula, including thematic courses in the sciences, engage students in rigorous academic tasks that promote the development of their college level skills.

1.2 *Develop teacher pedagogy from a coherent set of beliefs about how students learn best that is informed by the instructional shifts and Danielson Framework for Teaching, aligned to the curricula, engaging, and meets the needs of all learners so that all students produce meaningful work products?*

PROFICIENT

Excerpt: Teachers deliver instruction that reflects the school's belief that students learn best in student-centered environments where they are given choices and encouraged to think critically leading to improvements in their academic achievement.

2.2 *Align assessments to curricula, use on-going assessment and grading practices, and analyze information on student learning outcomes to adjust instructional decisions at the team and classroom levels?*

PROFICIENT

Excerpt: Expand practices to include routine use of assessments during a lesson that provide immediate feedback about student learning so teachers make timely adjustments to instruction to meet students' needs and improve learning.

3.4 *Establish a culture for learning that communicates high expectations to staff, students, and families, and provide supports to achieve those expectations?*

PROFICIENT

Excerpt: N/A - This indicator was rated but not written about in the school's final report.

4.2 *Engage in structured professional collaborations on teams using an inquiry approach that promotes shared leadership and focuses on improved student learning?*

PROFICIENT

Excerpt: N/A - This indicator was rated but not written about in the school's final report.

Quality Review - continued

PROFICIENT 4

Dates of Review: Feb 11 - 12, 2013
Principal at Time of Review: Veronica Peterson
QR Lead Reviewer: Karen Watts

Areas of Celebration

- Rigorous, engaging and coherent curricula aligned to the Common Core Learning Standards
- Research-based, effective instruction that yields high quality student work
- Structures for positive learning environment, inclusive culture, and student success
- Support and evaluation of teachers through feedback using the Danielson framework and analysis of learning outcomes

Areas of Focus

- Curricula-aligned assessment practices that inform instruction
- Aligned use of resources to support instructional goals that meet students' needs

How to Interpret the Graphs Used in the Remainder of the Report

Most of the metrics in the report are presented through two standard graphs, which are intended to help place the school's performance in context.

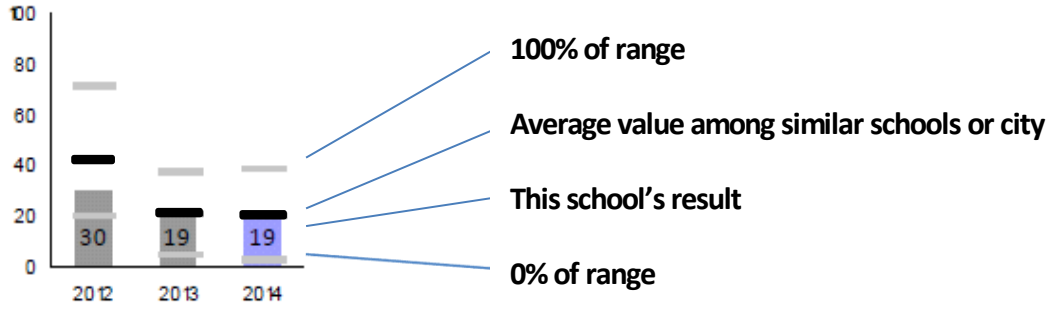
Graph Showing Metric Values

This graph shows the school's performance on each metric over the past three years, as well as the range of historical performance by peer schools and citywide schools used in the School Quality Guide (or Progress Report) for those three years. Peer schools for an elementary or K-8 school are similar along the following student population characteristics: Economic Need Index, percent of students with disabilities, percent of black or Hispanic students, and percent of English language learners. Peer schools for middle schools are similar along the following student population characteristics: students' average proficiency on 4th grade ELA and math tests, percent of students with disabilities, and percent of students two or more years overage upon entry into 6th grade. Peer schools for high schools are similar along the following student population characteristics: average 8th grade ELA proficiency, average 8th grade math proficiency, percent students with disabilities, percent students with self-contained placements, and percent over-age students.

- The vertical bars show the school's values on the metric for the last three years, with the school's numerical values (e.g., **30, 19, and 19** in the example below) displayed at the bottom of the bars. These bars can show trends over time in the school's own performance.

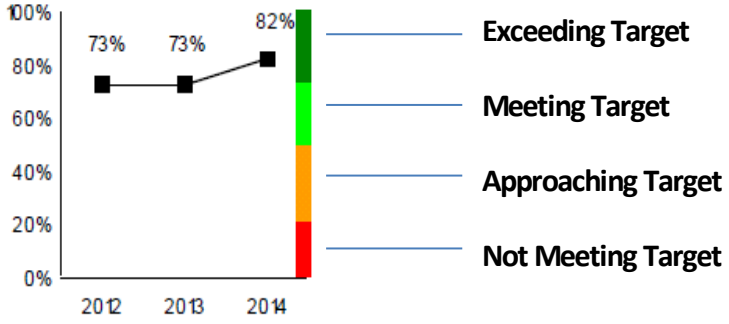
- Each year, the School Quality Guide compares the school's performance against multiple years of historical performance by peer and city schools. The middle horizontal line, in black, shows the average from this pool of historical performance by peer schools or the city, depending on which comparison group is being used. Comparing the top of the vertical bar with this black line shows whether the school is above or below the average of the pool of historical results achieved by the comparison group.

- The top and bottom horizontal lines, in gray, show the top and bottom of the "range" of historical values for the comparison group. The range spans two standard deviations above and below the average; in general, this range contains approximately 96% of the values attained by schools in the comparison group. The lower gray line shows the value at the bottom of the range for the comparison group and the higher gray line shows the value at the top of the range for the comparison group. The position of the vertical bar between the two gray lines shows visually where the school falls within the distribution of results achieved by the comparison group.



Graph Showing Percent of Range

This graph displays the "percent of range" of the school's values for the last three years. The percent of range reflects where the school's value falls between the bottom and top of the range. In mathematical terms, *percent of range = (school's value – bottom of range) / (top of range – bottom of range)*. The colors to the right of the chart display the ranges for the various ratings. The range for Exceeding Target is shown in dark green, Meeting Target is shown in light green, Approaching Target is shown in orange, and Not Meeting Target is shown in red.



Student Progress

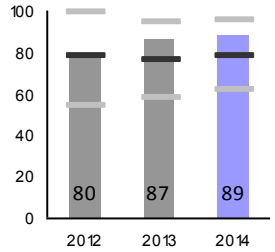
MEETING TARGET

Student Progress measures the ability of a school to help students progress toward the eventual goal of earning a Regents Diploma.

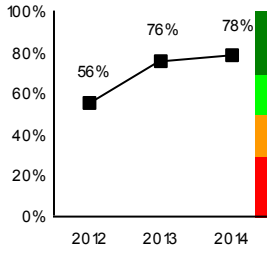
Percent of Students Earning 10+ Credits in 1st Year (n=89)

This metric shows the percentage of first year high school students who accumulate 10 or more academic credits, with particular focus given to credits earned in English, math, science, and social studies.

Peer

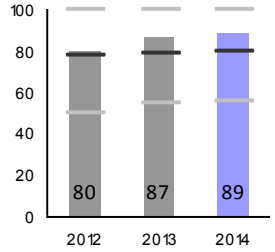


School and Peer Values

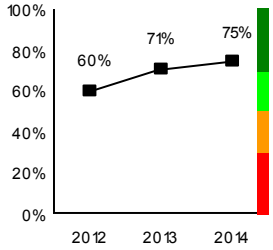


Percent of Peer Range

City



School and City Values

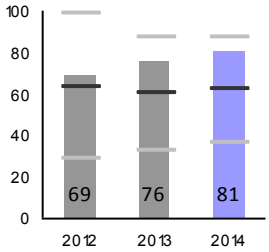


Percent of City Range

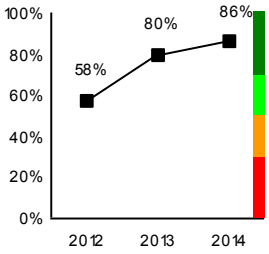
Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year (n=26)

This metric shows the percentage of first year high school students in the school's lowest third of incoming achievement who accumulate 10 or more academic credits, with particular focus given to credits earned in English, math, science, and social studies.

Peer

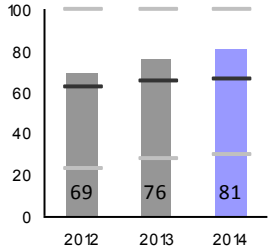


School and Peer Values

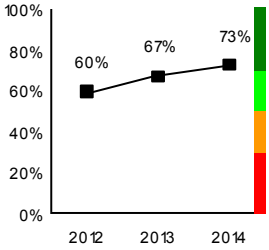


Percent of Peer Range

City



School and City Values

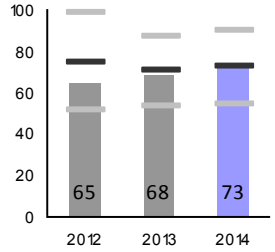


Percent of City Range

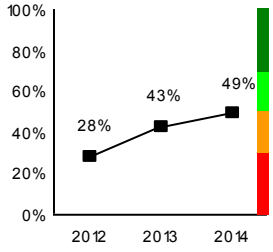
Percent of Students Earning 10+ Credits in 2nd Year (n=139)

This metric shows the percentage of second year high school students who accumulate 10 or more academic credits, with particular focus given to credits earned in English, math, science, and social studies.

Peer

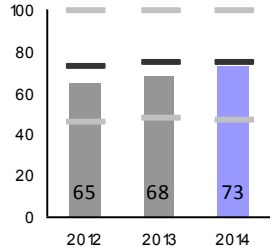


School and Peer Values

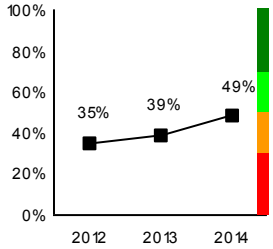


Percent of Peer Range

City



School and City Values

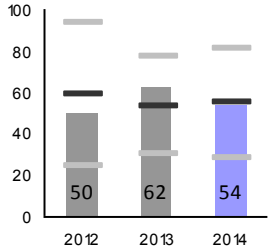


Percent of City Range

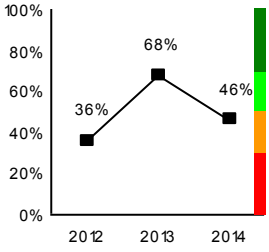
Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year (n=41)

This metric shows the percentage of second year high school students in the school's lowest third of incoming achievement who accumulate 10 or more academic credits, with particular focus given to credits earned in English, math, science, and social studies.

Peer

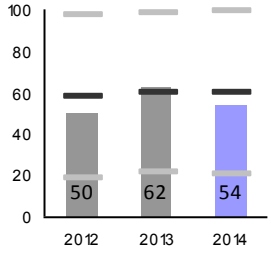


School and Peer Values

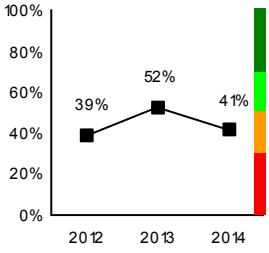


Percent of Peer Range

City



School and City Values



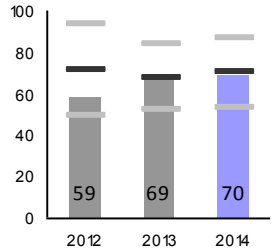
Percent of City Range

Student Progress measures the ability of a school to help students progress toward the eventual goal of earning a Regents Diploma.

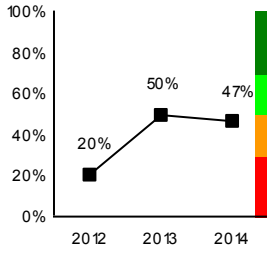
Percent of Students Earning 10+ Credits in 3rd Year (n=135)

This metric shows the percentage of third year high school students who accumulate 10 or more academic credits, with particular focus given to credits earned in English, math, science, and social studies.

Peer

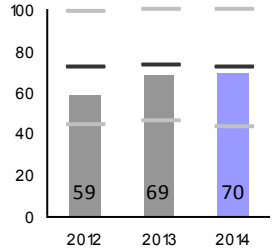


School and Peer Values

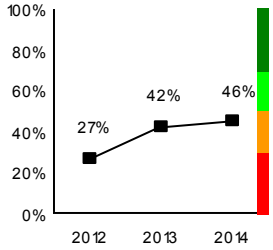


Percent of Peer Range

City



School and City Values

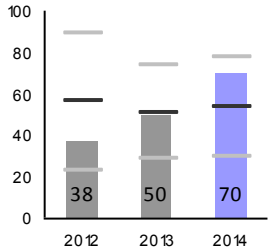


Percent of City Range

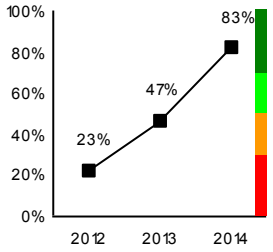
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year (n=43)

This metric shows the percentage of third year high school students in the school's lowest third of incoming achievement who accumulate 10 or more academic credits, with particular focus given to credits earned in English, math, science, and social studies.

Peer

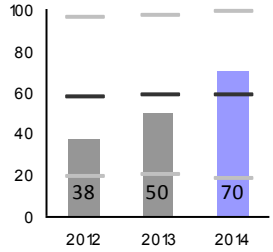


School and Peer Values

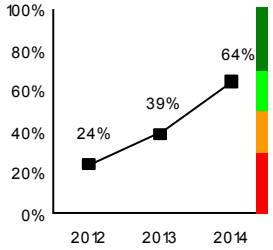


Percent of Peer Range

City



School and City Values

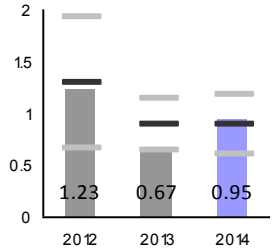


Percent of City Range

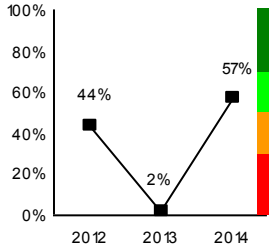
English - Weighted Regents Pass Rate (n=187)

This metric reflects student pass rates on the English Regents exam, weighted based on students' likelihood of passing the exam given their performance on the 8th grade ELA exam. Schools receive more credit on this metric when students pass the exam at a greater rate than would be expected based on their 8th grade exam scores.

Peer

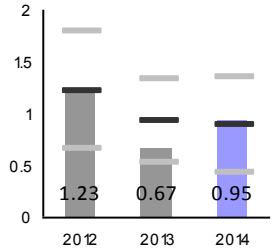


School and Peer Values

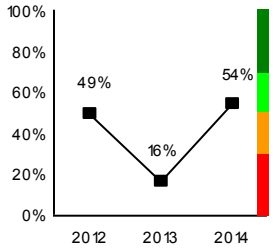


Percent of Peer Range

City



School and City Values

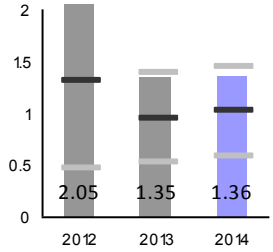


Percent of City Range

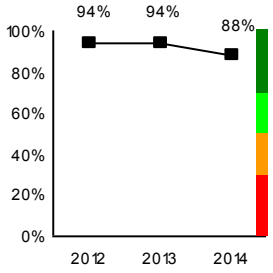
Mathematics - Weighted Regents Pass Rate (n=184)

This metric reflects student pass rates on the Math Regents exam, weighted based on students' likelihood of passing the exam given their performance on the 8th grade Math exam. Schools receive more credit on this metric when students pass the exam at a greater rate than would be expected based on their 8th grade exam scores.

Peer

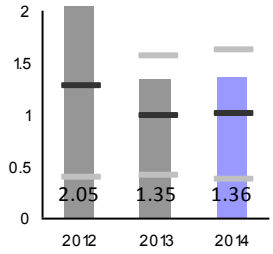


School and Peer Values

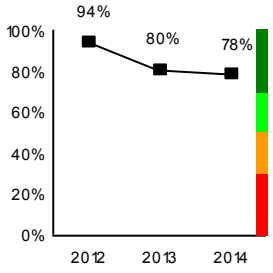


Percent of Peer Range

City



School and City Values



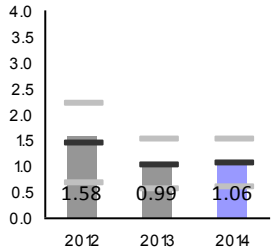
Percent of City Range

Student Progress measures the ability of a school to help students progress toward the eventual goal of earning a Regents Diploma.

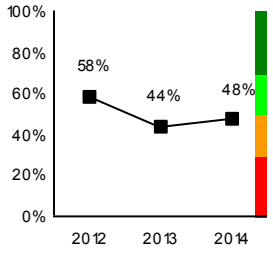
Science - Weighted Regents Pass Rate (n=229)

This metric reflects student pass rates on Science Regents exams, weighted based on students' likelihood of passing the exam given their performance on the 8th grade Math exam. Schools receive more credit on this metric when students pass the exam at a greater rate than would be expected based on their 8th grade exam scores.

Peer

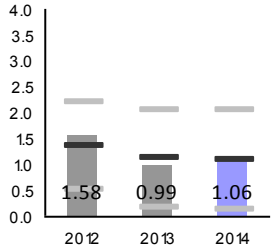


School and Peer Values

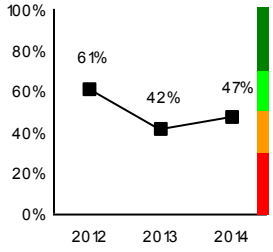


Percent of Peer Range

City



School and City Values

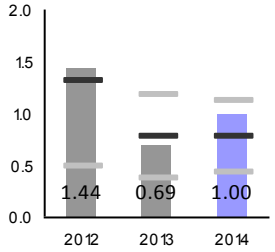


Percent of City Range

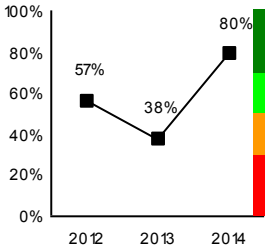
Global Studies - Weighted Regents Pass Rate (n=187)

This metric reflects student pass rates on the Global Studies Regents exam, weighted based on students' likelihood of passing the exam given their performance on the 8th grade ELA exam. Schools receive more credit on this metric when students pass the exam at a greater rate than would be expected based on their 8th grade exam scores.

Peer

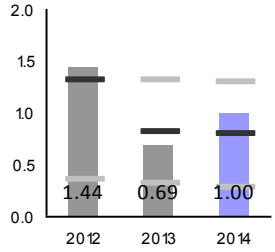


School and Peer Values

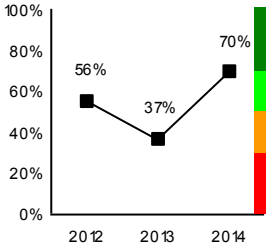


Percent of Peer Range

City



School and City Values

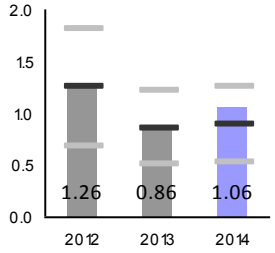


Percent of City Range

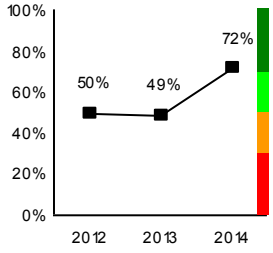
United States History - Weighted Regents Pass Rate (n=147)

This metric reflects student pass rates on the United States History Regents exam, weighted based on students' likelihood of passing the exam given their performance on the 8th grade ELA exam. Schools receive more credit on this metric when students pass the exam at a greater rate than would be expected based on their 8th grade exam scores.

Peer

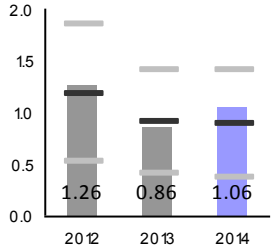


School and Peer Values

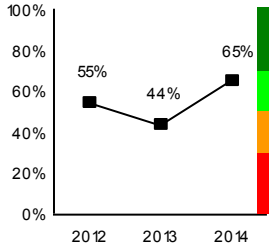


Percent of Peer Range

City



School and City Values

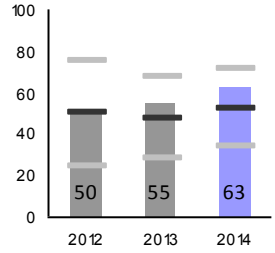


Percent of City Range

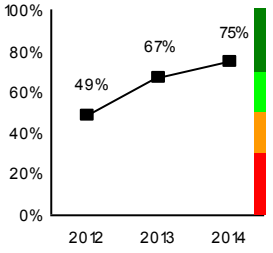
Average Completion Rate for Remaining Regents (n=317)

This metric measures student progress in the past year towards passing the five Regents subject tests required for a Regents diploma. The metric shows, out of the remaining subjects that the students needed to pass to obtain a Regents dipoma, the percentage of subjects that the students passed in 2013-14.

Peer

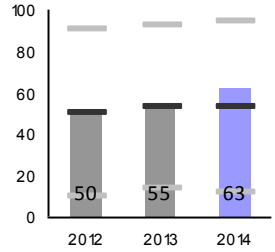


School and Peer Values

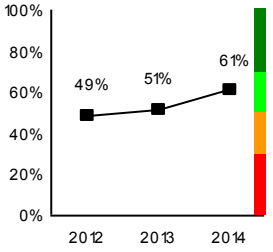


Percent of Peer Range

City



School and City Values



Percent of City Range

Student Achievement

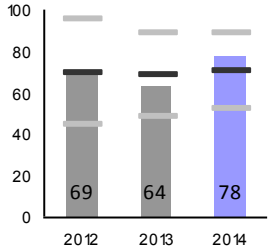
APPROACHING TARGET 9

Student Achievement measures the school's graduation rates and the types of diplomas received by the school's students.

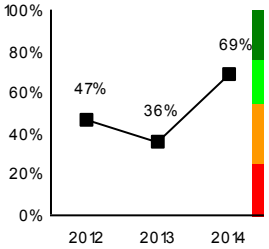
Four-Year Graduation Rate (n=101)

This metric shows the percentage of students who graduated with a Regents or Local Diploma within four years, after entering 9th grade in 2010-11.

Peer

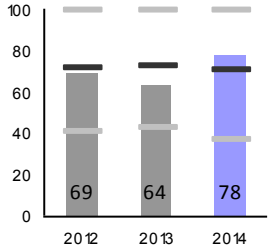


School and Peer Values

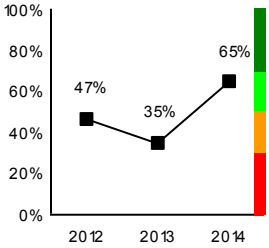


Percent of Peer Range

City



School and City Values

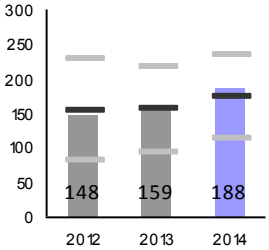


Percent of City Range

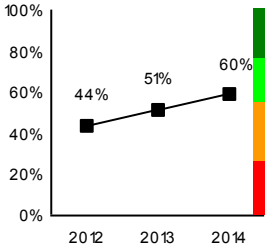
Four-Year Weighted Diploma Rate (n=101)

This metric reflects the diplomas received within four years by the students who entered 9th grade in 2010-11, and provides greater credit for advanced diplomas associated with greater proficiency and for diplomas obtained by students with higher-need demographic characteristics.

Peer

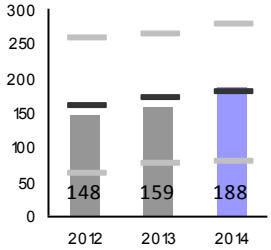


School and Peer Values

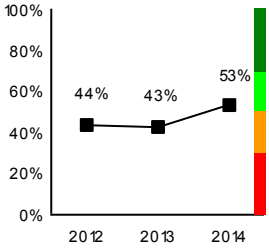


Percent of Peer Range

City



School and City Values

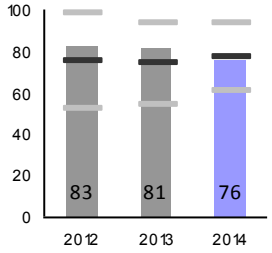


Percent of City Range

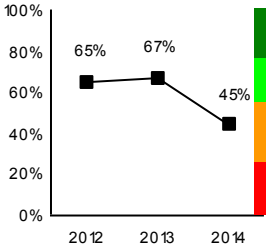
Six-Year Graduation Rate (n=109)

This metric shows the percentage of students who graduated with a Regents or Local Diploma within six years, after entering 9th grade in 2008-09.

Peer

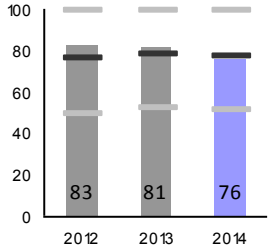


School and Peer Values

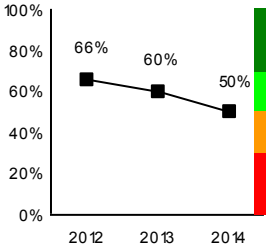


Percent of Peer Range

City



School and City Values

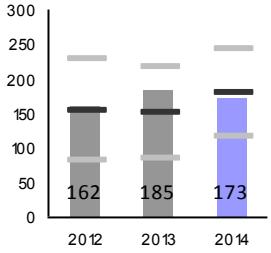


Percent of City Range

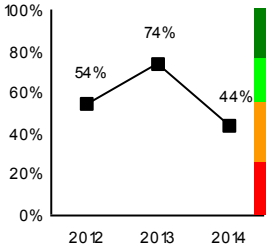
Six-Year Weighted Diploma Rate (n=109)

This metric reflects the diplomas received within six years by students who entered 9th grade in 2008-09, and provides greater credit for advanced diplomas associated with greater proficiency and for diplomas obtained by students with higher-need demographic characteristics.

Peer

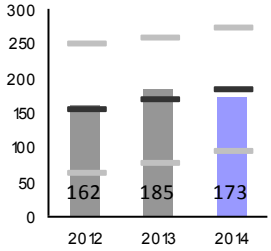


School and Peer Values

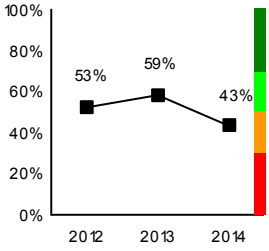


Percent of Peer Range

City



School and City Values



Percent of City Range

School Environment

MEETING TARGET

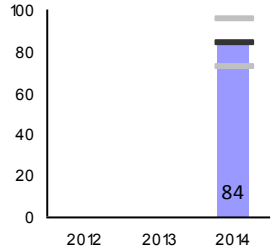
10

The NYC School Survey is administered annually to all parents, all teachers, and students in grades 6–12. Through the survey, these members of school communities respond to questions that gauge their satisfaction with elements of the school's learning environment. In 2013–14 accountability reports, these responses were reorganized to broadly align to guiding concepts in the Quality Review rubric: the instructional core, school culture, and systems for improvement. Please note that this organization is designed to help school communities better interpret survey responses, but survey responses do not contribute to Quality Review ratings in these categories.

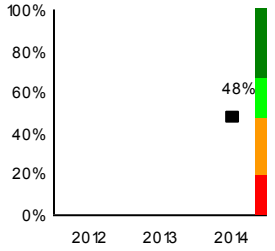
Survey Satisfaction - Instructional Core

This metric shows the average percent of positive responses to the NYC School Survey questions related to the school's instructional core.

Peer

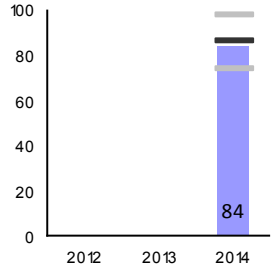


School and Peer Values

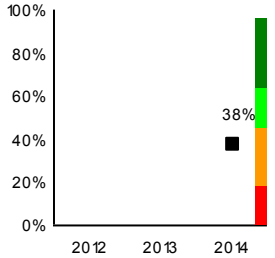


Percent of Peer Range

City



School and City Values

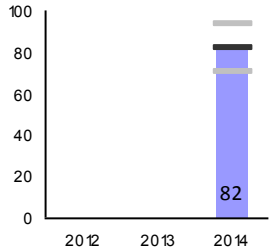


Percent of City Range

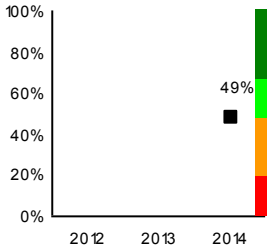
Survey Satisfaction - School Culture

This metric shows the average percent of positive responses to the NYC School Survey questions related to the school's culture.

Peer

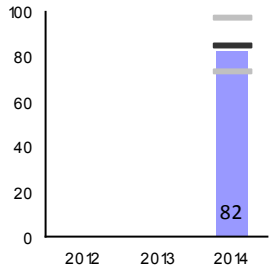


School and Peer Values

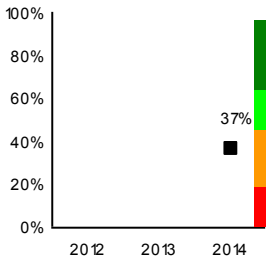


Percent of Peer Range

City



School and City Values

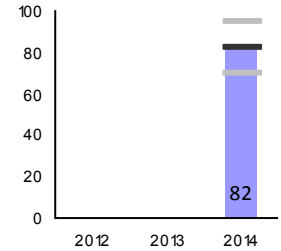


Percent of City Range

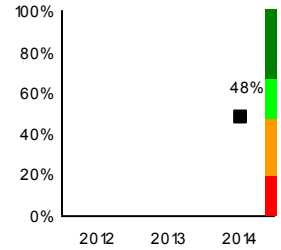
Survey Satisfaction - Systems for Improvement

This metric shows the average percent of positive responses to the NYC School Survey questions related to the school's systems for improvement.

Peer

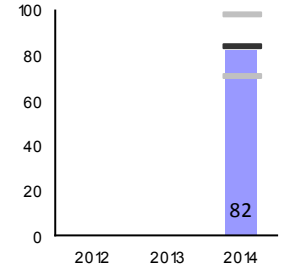


School and Peer Values

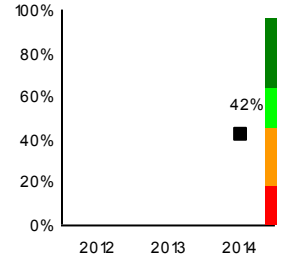


Percent of Peer Range

City



School and City Values

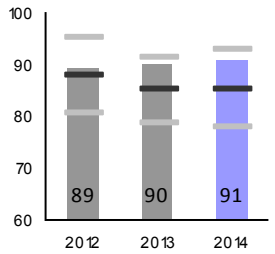


Percent of City Range

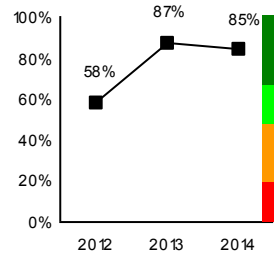
Attendance

The attendance rate includes the attendance for all K-8 students on a school's register at any point during the school year (September through June).

Peer

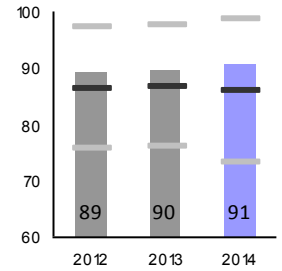


School and Peer Values

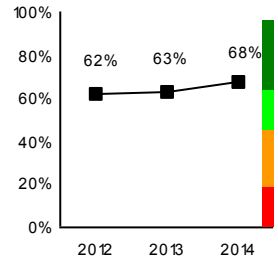


Percent of Peer Range

City



School and City Values



Percent of City Range

College and Career Readiness

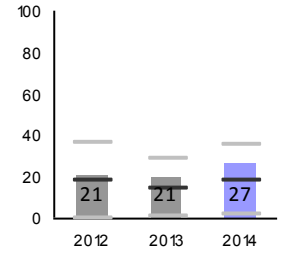
MEETING TARGET

College and Career Readiness measures the college-readiness of students, based on their achievements in high school and their outcomes after leaving high school.

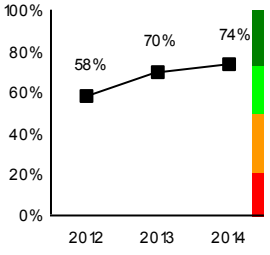
4-Year College Readiness Index (n=101)

This metric shows the percentage of students who graduated with a Regents diploma and met CUNY's standards for college readiness in English and math within four years, after entering 9th grade in 2010-11.

Peer

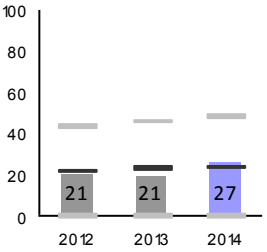


School and Peer Values

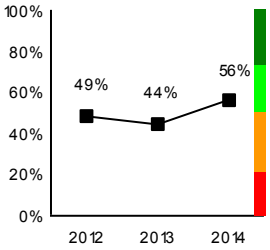


Percent of Peer Range

City



School and City Values

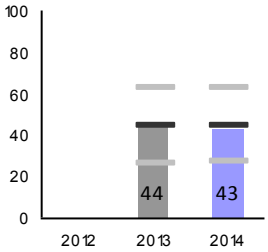


Percent of City Range

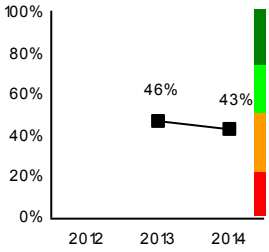
6-Year College Readiness Index with Persistence (n=109)

This metric shows the percentage of students who (1) graduated with a Regents diploma and met CUNY's standards for English and math, or (2) graduated from high school, enrolled in college, and persisted in college through the beginning of their third semester; within six years after entering 9th grade in 2008-09.

Peer

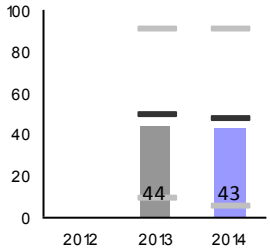


School and Peer Values

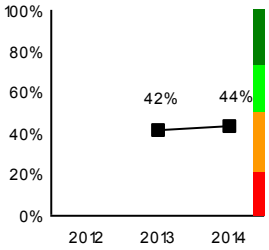


Percent of Peer Range

City



School and City Values

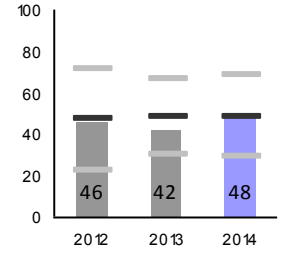


Percent of City Range

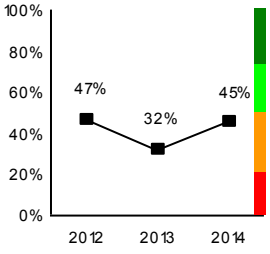
Postsecondary Enrollment Rate - 6 Months (n=109)

This metric shows the percentage of students who graduated from high school and enrolled in college, a vocational program, or public service within six months of their scheduled graduation date, out of students who entered 9th grade in 2009-10.

Peer

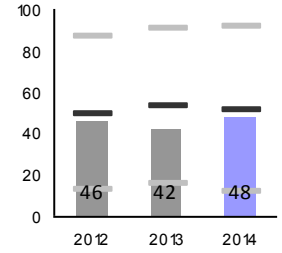


School and Peer Values

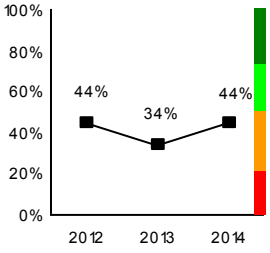


Percent of Peer Range

City



School and City Values

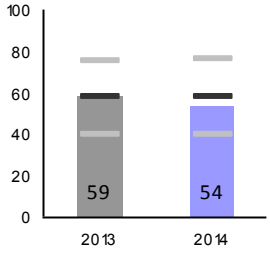


Percent of City Range

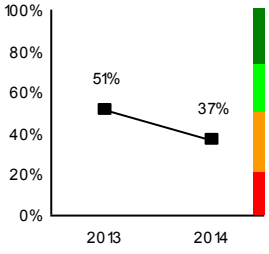
Postsecondary Enrollment Rate - 18 Months (n=109)

This metric shows the percentage of students who graduated from high school and enrolled in college, a vocational program, or public service within 18 months of their scheduled graduation date, out of students who entered 9th grade in 2008-09.

Peer

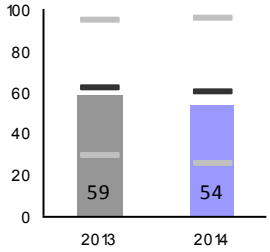


School and Peer Values

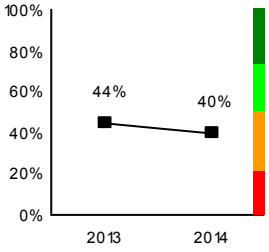


Percent of Peer Range

City



School and City Values



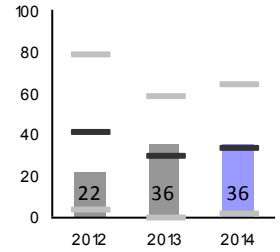
Percent of City Range

College and Career Readiness measures the college-readiness of students, based on their achievements in high school and their outcomes after leaving high school.

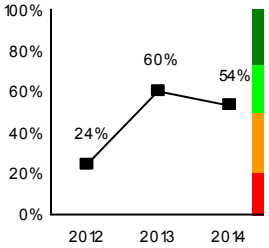
College and Career Preparatory Course Index (n=101)

This metric shows the percentage of students who successfully completed approved rigorous courses and assessments within four years of high school, after entering 9th grade in 2010-11.

Peer

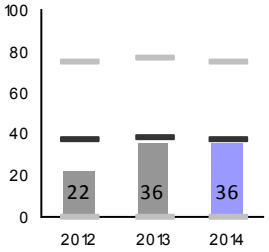


School and Peer Values

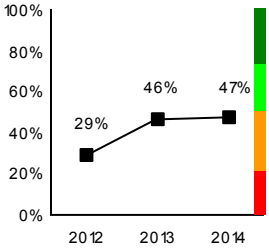


Percent of Peer Range

City



School and City Values



Percent of City Range

Closing the Achievement Gap

EXCEEDING TARGET 13

Closing the Achievement Gap measures the extent to which the school serves and succeeds with students in special populations.

	2011-12		2012-13		2013-14	
	SCHOOL'S RESULTS	POPULATION PERCENTAGE	SCHOOL'S RESULTS	POPULATION PERCENTAGE	SCHOOL'S RESULTS	POPULATION PERCENTAGE
Four Year Weighted Diploma Rate						
English Language Learners (n = 11)			200.0%	10.3%	168.2%	10.9%
Self-Contained / ICT / SETSS (n = 13)	100.0%	11.0%	192.9%	13.1%	353.8%	12.9%
All Students in the Lowest Third Citywide (n = 35)	88.5%	35.8%	124.2%	30.8%	188.6%	34.7%
Black / Hispanic Males in the Lowest Third Citywide (n = 16)	93.2%	20.2%	125.0%	18.7%	193.8%	15.8%
College and Career Readiness						
Students in the Lowest Third Citywide, College and Career Preparatory Course Index (n = 35)	12.8%	35.8%	12.1%	30.8%	14.3%	34.7%
Students in the Lowest Third Citywide, 4-Year College Readiness Index (n = 35)	2.6%	35.8%	6.1%	30.8%	5.7%	34.7%
Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months (n = 19)	32.8%	50.0%	18.8%	44.0%	15.8%	17.4%
Movement from SC/ICT/SETSS to Less Restrictive Environments (n = 63)	0.74	12.1%	0.84	11.4%	0.79	13.2%

Summary of Section Ratings

This section shows how the ratings are calculated for the Student Progress, Student Achievement, School Environment, College and Career Readiness, and Closing the Achievement Gap sections.

	This School's Results	Peer Comparison (weighted 75%)				City Comparison (weighted 25%)				Points Possible	Points Earned
		Peer Range			Percent of Peer Range	City Range			Percent of City Range		
		0%	Average	100%		0%	Average	100%			
Student Progress											
Percent of Students Earning 10+ Credits in 1st Year (n = 89)	88.8%	62.6%	79.3%	96.0%	78.4%	55.4%	80.1%	100.0%	74.9%	7.6	5.9
Percent of Students Earning 10+ Credits in 2nd Year (n = 139)	72.7%	55.1%	72.9%	90.7%	49.4%	46.9%	75.0%	100.0%	48.6%	7.6	3.7
Percent of Students Earning 10+ Credits in 3rd Year (n = 135)	69.6%	54.3%	70.7%	87.1%	46.6%	43.6%	72.4%	100.0%	46.1%	7.6	3.5
Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year (n = 26)	80.8%	37.0%	62.4%	87.8%	86.2%	30.1%	66.7%	100.0%	72.5%	7.6	6.3
Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year (n = 41)	53.7%	29.1%	55.6%	82.1%	46.4%	21.0%	61.0%	100.0%	41.4%	7.6	3.4
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year (n = 43)	69.8%	29.5%	53.9%	78.3%	82.6%	18.7%	58.7%	98.7%	63.9%	7.6	5.9
Average Completion Rate for Remaining Regents (n = 317)	62.7%	34.3%	53.3%	72.3%	74.7%	12.1%	53.8%	95.5%	60.7%	9.1	6.5
English - Weighted Regents Pass Rate (n = 187)	0.95	0.62	0.91	1.20	56.9%	0.45	0.91	1.37	54.3%	9.1	5.1
Mathematics - Weighted Regents Pass Rate (n = 184)	1.36	0.60	1.03	1.46	88.4%	0.39	1.01	1.63	78.2%	9.1	7.8
Science - Weighted Regents Pass Rate (n = 229)	1.06	0.62	1.08	1.54	47.8%	0.16	1.11	2.06	47.4%	9.1	4.3
Global Studies - Weighted Regents Pass Rate (n = 187)	1.00	0.44	0.79	1.14	80.0%	0.29	0.80	1.31	69.6%	9.1	7.0
United States History - Weighted Regents Pass Rate (n = 147)	1.06	0.54	0.90	1.26	72.2%	0.38	0.90	1.42	65.4%	9.1	6.4

Student Progress Section Rating			
Not Meeting Target 29.5 or Lower	Approaching Target 29.6 to 50.1	**Meeting Target 50.2 to 69.5**	Exceeding Target 69.6 or Higher

65.8

Student Achievement											
Four-Year Graduation Rate (n = 101)	78.2%	52.7%	71.3%	89.9%	68.5%	37.2%	71.4%	100.0%	65.3%	25.0	16.9
Six-Year Graduation Rate (n = 109)	76.1%	61.7%	77.8%	93.9%	44.7%	52.0%	78.3%	100.0%	50.2%	25.0	11.5
Four-Year Weighted Diploma Rate (n = 101)	188.1%	115.9%	176.4%	236.9%	59.7%	81.6%	181.3%	281.0%	53.4%	25.0	14.5
Six-Year Weighted Diploma Rate (n = 109)	172.5%	117.4%	180.6%	243.8%	43.6%	93.8%	184.4%	275.0%	43.4%	25.0	10.9

Student Achievement Section Rating			
Not Meeting Target 26.3 or Lower	**Approaching Target 26.4 to 55.1**	Meeting Target 55.2 to 75.5	Exceeding Target 75.6 or Higher

53.8

School Environment											
School Survey - Instructional Core	84.0%	72.6%	84.6%	96.6%	47.5%	75.0%	86.8%	98.6%	38.1%	22.0	9.9
School Survey - School Culture	82.4%	71.3%	82.7%	94.1%	48.7%	73.7%	85.5%	97.3%	36.9%	22.0	10.1
School Survey - Structures for Improvement	82.4%	70.3%	82.8%	95.3%	48.4%	71.0%	84.5%	98.0%	42.2%	22.0	10.3
Attendance	90.8%	77.9%	85.5%	93.1%	84.9%	73.4%	86.2%	99.0%	68.0%	34.0	27.4

School Environment Section Rating			
Not Meeting Target 19.0 or Lower	Approaching Target 19.1 to 46.6	**Meeting Target 46.7 to 66.1**	Exceeding Target 66.2 or Higher

57.7

College and Career Readiness											
4-Year College Readiness Index (n = 101)	26.7%	1.6%	18.6%	35.6%	73.8%	0.0%	23.9%	47.8%	55.9%	20.0	13.9
6-Year College Readiness Index with Persistence (n = 109)	43.1%	27.7%	45.6%	63.5%	43.0%	5.9%	48.4%	90.9%	43.8%	20.0	8.6
Postsecondary Enrollment Rate - 6 Months (n = 109)	47.7%	29.9%	49.5%	69.1%	45.4%	12.1%	52.2%	92.3%	44.4%	15.0	6.8
Postsecondary Enrollment Rate - 18 Months (n = 109)	54.1%	40.8%	58.7%	76.6%	37.2%	25.7%	61.0%	96.3%	40.2%	15.0	5.7
College and Career Preparatory Course Index (n = 101)	35.6%	2.0%	33.4%	64.8%	53.5%	0.0%	37.6%	75.2%	47.3%	30.0	15.6

College and Career Readiness Section Rating			
Not Meeting Target 21.4 or Lower	Approaching Target 21.5 to 49.6	**Meeting Target 49.7 to 72.6**	Exceeding Target 72.7 or Higher

50.6

This section shows how the ratings are calculated for the Student Progress, Student Achievement, School Environment, College and Career Readiness, and Closing the Achievement Gap sections.

	This School's Population Percentage	This School's Population Percentage (Percent of City Range)	This School's Results	This School's Results (Percent of City Range)
Closing the Achievement Gap				
Four Year Weighted Diploma Rate				
English Language Learners (n = 11)	10.9%	19.7%	168.2%	
Self-Contained / ICT / SETSS (n = 13)	12.9%	33.6%	353.8%	84.2%
All Students in the Lowest Third Citywide (n = 35)	34.7%	53.4%	188.6%	69.4%
Black / Hispanic Males in the Lowest Third Citywide (n = 16)	15.8%	41.7%	193.8%	77.8%
College and Career Readiness				
Students in the Lowest Third Citywide, College and Career Preparatory Course Index (n = 35)	34.7%	53.4%	14.3%	51.4%
Students in the Lowest Third Citywide, 4-Year College Readiness Index (n = 35)	34.7%	53.4%	5.7%	159.3%
Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months (n = 19)	17.4%	29.6%	15.8%	36.4%
Movement from SC/ICT/SETSS to Less Restrictive Environments (n = 63)	13.2%	45.7%	0.79	79.2%
			Average of Results (Percent of City Range)	**93.0**

Closing the Achievement Gap			
Not Meeting Target 26.1 or Lower	Approaching Target 26.2 to 46.8	Meeting Target 46.9 to 67.8	Exceeding Target 67.9 or Higher

This Closing the Achievement Gap section reflects the degree to which the school is helping high-need students succeed. In some cases, schools will not receive a rating in this section because those students make up a very small proportion of the school's student population.

The metric values, listed as "This School's Results," show the school's results with its students in the relevant group. The metric scores, listed as "This School's Results (Percent of City Range)," show how the school's results compared to the rest of the city. A metric will not be scored, however, if those students are a very small proportion of the school—specifically, if "This School's Population Percentage (Percent of City Range)" is less than 25.0% (meaning that the school's population percentage is more than one standard deviation below the citywide average). For these unscored metrics, "This School's Results (Percent of City Range)" will be left blank.

The section score is the average of the school's metric scores, and the section rating is determined by the range that the score falls within, which will be shaded in the ratings table above. A school will not receive a rating, however, if it has fewer than three scored metrics in this section.

This page provides more granular data on student outcomes. While the numbers here do not individually count for points, the detailed deconstruction should provide deeper insight into 2013–14 student outcomes.

Regents Exams

Includes all students in the high school who took the respective exams in January, June or August 2014.

		Average Score	% passing	% at College Ready Threshold for Exam
Mathematics:	Integrated Algebra (n = 220)	71	73%	26%
	Geometry (n = 118)	64	52%	2%
	Algebra 2/Trigonometry (n = 61)	49	13%	2%
ELA:	Comprehensive English (n = 235)	70	76%	42%
Social Studies:	U.S. History (n = 147)	73	82%	.
	Global History (n = 187)	68	68%	.
Science:	Chemistry (n = 0)	.	.	.
	Physics (n = 18)	57	22%	.
	Earth Science (n = 61)	75	82%	.
	Living Environment (n = 170)	63	49%	.
Languages:	Languages Other Than English (n = 44)	82	100%	.

College Exams

Calculated as highest result for the 2014 four-year graduation cohort anytime during their high school career.

		Average Score	% of 4-year Cohort Taking	% at College Ready Threshold for Exam
SAT:	Mathematics (n = 101)	413	72.3%	16.8%
	Critical Reading (n = 101)	405	72.3%	13.9%
	Writing (n = 101)	395	72.3%	.
ACT:	Mathematics (n = 101)	.	2.0%	0.0%
	English (n = 101)	.	2.0%	0.0%
	Reading (n = 101)	.	0.0%	.
	Science (n = 101)	.	2.0%	.
CUNY:	Math 1 (n = 101)	34	26.7%	.
	Math 2 (n = 101)	35	38.6%	11.9%
	Reading (n = 101)	68	14.9%	6.9%
	Writing (n = 101)	.	13.9%	8.9%

College and Career Readiness Metrics Disaggregated

	% of 4-year Cohort	% of 6-year Cohort
College Readiness Index (counting positively requires ALL thresholds)	26.7%	21.1%
% attaining Local Diploma	72.3%	69.7%
% attaining Math College Readiness Standard	26.7%	23.9%
% attaining English College Readiness Standard	60.4%	55.0%

	% of 4-year Cohort
College and Career Preparatory Course Index	35.6%
% scoring 65+ on the Algebra II, Math B, Chemistry or Physics Regents Exam	18.8%
% scoring 3+ on any Advanced Placement (AP) Exam	2.0%
% scoring 4+ on any International Baccalaureate (IB) Exam	0.0%
% earning a diploma with a Career and Technical Education (CTE) Endorsement	0.0%
% passing an industry-recognized technical assessment	0.0%
% earning a diploma with an Arts endorsement	0.0%
% earning a grade of "C" or higher in a course for college credit	13.9%
% passing another course certified by the DOE as college- and career-ready	14.9%

	6 Months After Graduating
Post-secondary Enrollment Rate	47.7%
CUNY 2-year	23.8%
CUNY 4-year	15.6%
NYS Public	4.6%
NYS Private	2.8%
Out-of-State	0.9%
Public Service	0.0%
Vocational Program	0.0%

Peer Group Schools

Each school's performance is compared to the performance of schools in its peer group. Peer schools are those New York City public schools with a student population most like this school's population, according to the peering characteristics. Each school has up to 40 peer schools (except for K-8 schools, which have up to 30 peer schools).

Peer groupings are created using a matching methodology that examines the mathematical difference between a school and all potential peers on the peering characteristics. Schools with the smallest difference across all the characteristics are peered together.

DBN	SCHOOL	AVERAGE ENGLISH PROFICIENCY	AVERAGE MATH PROFICIENCY	% STUDENTS WITH DISABILITIES	% SELF-CONTAINED	% OVERAGE
17K547	**Brooklyn Academy of Science and the Environment**	**2.31**	**2.23**	**16.8%**	**7.1%**	**6.3%**
02M296	High School of Hospitality Management	2.32	2.26	20.9%	9.3%	6.3%
02M300	Urban Assembly School of Design and Construction, The	2.33	2.26	22.5%	7.7%	5.9%
02M305	Urban Assembly Academy of Government and Law, The	2.37	2.23	19.3%	4.3%	6.1%
02M392	MANHATTAN BUSINESS ACADEMY	2.34	2.29	18.5%	5.6%	5.2%
02M520	Murry Bergtraum High School for Business Careers	2.35	2.23	18.7%	9.5%	8.9%
02M529	Jacqueline Kennedy Onassis High School	2.32	2.17	19.2%	6.6%	9.3%
02M533	Union Square Academy for Health Sciences	2.46	2.37	17.9%	9.4%	7.2%
02M655	Life Sciences Secondary School	2.37	2.28	19.6%	7.0%	5.8%
03M492	High School for Law, Advocacy and Community Justice	2.38	2.21	19.0%	9.0%	9.0%
09X505	Bronx School for Law, Government and Justice	2.55	2.38	19.2%	6.7%	4.0%
10X237	The Marie Curie School for Medicine, Nursing, and Health Pro	2.37	2.29	19.4%	8.7%	7.9%
10X374	Knowledge and Power Preparatory Academy International Hi	2.35	2.31	19.7%	8.1%	7.7%
10X434	Belmont Preparatory High School	2.36	2.28	18.0%	10.0%	5.1%
13K265	Dr. Susan S. McKinney Secondary School of the Arts	2.33	2.10	19.4%	5.5%	5.0%
13K419	Science Skills Center High School for Science, Technology and	2.44	2.28	17.9%	8.0%	5.4%
13K605	George Westinghouse Career and Technical Education High S	2.36	2.20	18.9%	8.0%	5.7%
14K478	The High School for Enterprise, Business and Technology	2.46	2.41	16.8%	7.2%	7.8%
14K488	Brooklyn Preparatory High School	2.39	2.21	21.5%	7.0%	4.9%
15K497	School for International Studies	2.40	2.28	15.8%	5.6%	3.4%
17K122	Pathways in Technology Early College High School (P-Tech)	2.47	2.28	18.5%	9.1%	3.6%
17K531	School for Human Rights, The	2.30	2.15	16.6%	4.7%	8.7%
17K600	Clara Barton High School	2.40	2.26	15.9%	9.5%	4.1%
20K445	New Utrecht High School	2.41	2.48	18.7%	8.7%	8.3%
21K344	Rachel Carson High School for Coastal Studies	2.46	2.31	19.0%	6.8%	5.8%
21K410	Abraham Lincoln High School	2.45	2.36	16.2%	8.6%	6.8%
21K559	Life Academy High School for Film and Music	2.35	2.17	21.2%	8.5%	7.7%
24Q267	High School of Applied Communication	2.42	2.39	18.1%	4.8%	5.0%
24Q485	Grover Cleveland High School	2.35	2.29	18.2%	8.4%	8.7%
25Q425	John Bowne High School	2.45	2.42	14.7%	7.1%	8.8%
25Q460	Flushing High School	2.37	2.30	16.0%	7.1%	8.6%
27Q475	Richmond Hill High School	2.32	2.21	18.4%	9.2%	9.6%
28Q310	Queens Collegiate: A College Board School	2.47	2.27	14.4%	5.0%	4.0%
29Q259	Pathways College Preparatory School: A College Board School	2.41	2.14	17.8%	7.2%	4.6%
29Q498	Humanities & Arts Magnet High School	2.33	2.12	20.1%	8.0%	6.2%
30Q450	Long Island City High School	2.40	2.37	18.1%	9.0%	7.5%
30Q502	Information Technology High School	2.44	2.43	17.3%	6.3%	4.8%
32K168	The Brooklyn School for Math and Research	2.33	2.32	18.2%	9.4%	8.4%
84K473	Williamsburg Charter High School	2.36	2.25	17.1%	4.3%	6.1%
84K693	Northside Charter High School	2.35	2.24	19.6%	5.7%	8.9%
84X539	New Visions Charter High School for Advanced Math and Scie	2.43	2.35	17.1%	7.1%	4.0%
PEER GROUP AVERAGES		2.39	2.28	18.3%	7.4%	6.5%

Metric Targets for 2014-15

The previous pages in this report have shown the school's performance in 2013-14 and earlier. In contrast, this page is forward looking and shows targets connected to the category ratings for the 2014-15 school year.

	This School's 2013-14 Result	2014-15 Metric Values Needed for Each Rating			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Student Progress					
Percent of Students Earning 10+ Credits in 1st Year	88.8%	71.6% or lower	71.7% to 79.0%	79.1% to 85.9%	86.0% or higher
Percent of Students Earning 10+ Credits in 2nd Year	72.7%	65.0% or lower	65.1% to 73.0%	73.1% to 80.5%	80.6% or higher
Percent of Students Earning 10+ Credits in 3rd Year	69.6%	63.3% or lower	63.4% to 70.9%	71.0% to 78.0%	78.1% or higher
Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	80.8%	51.7% or lower	51.8% to 62.9%	63.0% to 73.5%	73.6% or higher
Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	53.7%	44.6% or lower	44.7% to 56.5%	56.6% to 67.7%	67.8% or higher
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	69.8%	43.6% or lower	43.7% to 54.7%	54.8% to 65.2%	65.3% or higher
Average Completion Rate for Remaining Regents	62.7%	44.3% or lower	44.4% to 53.4%	53.5% to 61.9%	62.0% or higher
English - Weighted Regents Pass Rate	0.95	0.77 or lower	0.78 to 0.90	0.91 to 1.03	1.04 or higher
Mathematics - Weighted Regents Pass Rate	1.36	0.83 or lower	0.84 to 1.02	1.03 to 1.20	1.21 or higher
Science - Weighted Regents Pass Rate	1.06	0.86 or lower	0.87 to 1.08	1.09 to 1.28	1.29 or higher
Global Studies - Weighted Regents Pass Rate	1.00	0.63 or lower	0.64 to 0.78	0.79 to 0.93	0.94 or higher
United States History - Weighted Regents Pass Rate	1.06	0.73 or lower	0.74 to 0.89	0.90 to 1.04	1.05 or higher
Student Achievement					
Four-Year Graduation Rate	78.2%	61.0% or lower	61.1% to 72.9%	73.0% to 81.4%	81.5% or higher
Six-Year Graduation Rate	76.1%	69.1% or lower	69.2% to 79.2%	79.3% to 86.4%	86.5% or higher
Four-Year Weighted Diploma Rate	188.1%	145.5% or lower	145.6% to 184.1%	184.2% to 211.5%	211.6% or highe
Six-Year Weighted Diploma Rate	172.5%	148.9% or lower	149.0% to 188.3%	188.4% to 216.2%	216.3% or highe
School Environment					
School Survey - Instructional Core	84.0%	77.7% or lower	77.8% to 84.3%	84.4% to 88.9%	89.0% or higher
School Survey - School Culture	82.4%	76.2% or lower	76.3% to 82.5%	82.6% to 87.0%	87.1% or higher
School Survey - Structures for Improvement	82.4%	75.2% or lower	75.3% to 82.3%	82.4% to 87.2%	87.3% or higher
Attendance	90.8%	80.3% or lower	80.4% to 85.0%	85.1% to 88.3%	88.4% or higher
College and Career Readiness					
4-Year College Readiness Index	26.7%	9.1% or lower	9.2% to 19.4%	19.5% to 27.8%	27.9% or higher
6-Year College Readiness Index with Persistence	43.1%	33.9% or lower	34.0% to 45.7%	45.8% to 55.3%	55.4% or higher
Postsecondary Enrollment Rate - 6 Months	47.7%	37.0% or lower	37.1% to 49.6%	49.7% to 60.0%	60.1% or higher
Postsecondary Enrollment Rate - 18 Months	54.1%	47.3% or lower	47.4% to 58.8%	58.9% to 68.2%	68.3% or higher
College and Career Preparatory Course Index	35.6%	15.5% or lower	15.6% to 34.0%	34.1% to 49.1%	49.2% or higher

The previous pages in this report have shown the school's performance in 2013-14 and earlier. In contrast, this page is forward looking and shows targets connected to the category ratings for the 2014-15 school year.

	This School's 2013-14 Result	2014-15 Metric Values Needed for Each Rating			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Closing the Achievement Gap					
Four Year Weighted Diploma Rate					
English Language Learners	168.2%	102.9% or lower	103.0% to 163.8%	163.9% to 225.6%	225.7% or higher
Self-Contained / ICT / SETSS	353.8%	109.9% or lower	110.0% to 196.9%	197.0% to 285.1%	285.2% or higher
All Students in the Lowest Third Citywide	188.6%	71.1% or lower	71.2% to 127.4%	127.5% to 184.5%	184.6% or higher
Black / Hispanic Males in the Lowest Third Citywide	193.8%	65.2% or lower	65.3% to 116.8%	116.9% to 169.1%	169.2% or higher
College and Career Readiness					
Students in the Lowest Third Citywide, College and Career Preparatory Course Index	14.3%	7.2% or lower	7.3% to 12.9%	13.0% to 18.8%	18.9% or higher
Students in the Lowest Third Citywide, 4-Year College Readiness Index	5.7%	1.3% or lower	1.4% to 2.4%	2.5% to 3.6%	3.7% or higher
Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months	15.8%	11.3% or lower	11.4% to 20.3%	20.4% to 29.4%	29.5% or higher
Movement from SC/ICT/SETSS to Less Restrictive Environments	0.79	0.26 or lower	0.27 to 0.46	0.47 to 0.67	0.68 or higher