Success Academy Charter Schools - NYC*

2018-19 ACCOUNTABILITY PLAN PROGRESS REPORT

Submitted to the SUNY Charter Schools Institute on:

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By Yvonne Chan

* Success Academy Charter Schools - NYC is comprised of the following charters:

- Success Academy Charter School --- Harlem 1
- Success Academy Charter School --- Harlem 2
- Success Academy Charter School --- Harlem 3
- Success Academy Charter School --- Harlem 4
- Success Academy Charter School --- Harlem 5
- Success Academy Charter School --- Bronx 1
- Success Academy Charter School --- Bronx 2
- Success Academy Charter School --- Bed Stuy 1
- Success Academy Charter School --- Upper West
- Success Academy Charter School --- Bed Stuy 2
- Success Academy Charter School --- Cobble Hill
- Success Academy Charter School --- Williamsburg
- Success Academy Charter School --- Fort Greene
- Success Academy Charter School --- Prospect Heights
- Success Academy Charter School --- Crown Heights
- Success Academy Charter School --- Union Square
- Success Academy Charter School --- Hell's Kitchen
- Success Academy Charter School --- Bronx 3
- Success Academy Charter School --- Washington Heights
- Success Academy Charter School --- Bronx 4
- Success Academy Charter School --- Bensonhurst
- Success Academy Charter School --- Bergen Beach
- Success Academy Charter School --- Rosedale
- Success Academy Charter School --- Springfield Gardens
- Success Academy Charter School -- Far Rockaway
- Success Academy Charter School --- Flatbush
- Success Academy Charter School -- Bed Stuy 3
- Success Academy Charter School --- Bushwick
- Success Academy Charter School -- South Jamaica
- Success Academy Charter School -- Hudson Yards [addressed in K-2 Progress Reports]
- Success Academy Charter School -- Harlem 6 [addressed in K-2 Progress Reports]

Yvonne Chan, Assistant General Counsel, prepared this 2018-19 Accountability Progress Report on behalf of the school's board of trustees:

See below a list of Success Academy School Principals in 2018-19:

Bed-Stuy 1	Marni Aronson
Bed-Stuy 2	Alisha Neptune
Bensonhurst	Kerri Lynch
Bergen Beach	Kathryn Fabian
Bronx 1	Jacqueline DiBenedetto
Bronx 2	Angela Inslee
Bronx 3	Kimberley Schacht
Bronx 4	Samantha Cheslow
Bushwick	Katherine Haves
Cobble Hill	Alissa Bishop
Crown Heights	Libby Ashton
Far Rockaway	Ty Redmond
Flatbush	Wintanna Abai
Fort Greene	Victoria Brienza
Harlem 1	Danique Loving
Harlem 2	Raymie Fernandez
Harlem 3	Tara Stant
Harlem 4	Francesca Vanin
Harlem 5	Molly Cohen
Harlem 6	Emily Reilly
Hell's Kitchen	Sheila Palmer
Hudson Yards	Will Loskoch
Prospect Heights	Darielle Petrucci
Rosedale	Elizabeth Miller
South Jamaica	Meghan Daly
Springfield Gardens	Michelle Cooper
Union Square	Dan Rojas
Upper West	Regina Loftus
Washington Heights	Kelsey DePalo
Williamsburg	Alison Levy

The mission of Success Academy Charter Schools – NYC ("SA") is to provide students in New York City with an exceptionally high-quality education that gives them the knowledge, skills, character, and disposition to meet and exceed New York State Common Core Learning Standards and the resources to lead and succeed in school, college, and a competitive global economy.

See below each Success Academy School's 2018-19 enrollment:

School	K	1	2	3	4	5	6	7	8	9	10	11	12	Grand Total
Bed-Stuy 1	65	74	84	78	65	101	88	77	45					677
Bed-Stuy 2	51	72	70	79	46									318
Bensonhurst	126	95	98	87	76									482
Bergen Beach	110	95	88	81	57	97								528
Bronx 1	96	89	84	74	50	110	66							569
Bronx 2	95	96	99	106	85	101	61	57	53					753
Bronx 3	92	84	91	92	78	124	56							617
Bronx 4	126	87	83	83	90									469
Bushwick	95	89	77	50										311
Cobble Hill	54	56	69	72	59									310
Crown Heights	82	80	83	90	75	112	82							604
Far Rockaway	117	85	95	82										379
Flatbush	118	81	80	47										326
Fort Greene	51	49	60	68	44									272
Harlem 1	89	87	94	83	100	88	80	63	50	258	171	134	26	1323
Harlem 2	88	77	93	84	69	72	34	54	80					651
Harlem 3	59	82	77	81	79	127	99	130	111					845
Harlem 4	68	79	77	82	73									379
Harlem 5	65	77	96	92	70	111	102	56	34					703
Harlem 6	80	82	48											210
Hell's Kitchen	55	81	77	88	84									385
Hudson Yards	80	78	50											208

Prospect Heights	63	85	79	72	43	145	72	19						578
Rosedale	91	91	89	80	84									435
South Jamaica	65	81	84	52										282
Springfield Gardens	93	96	95	99	94	113								590
Union Square	73	71	96	96	90	115	98	37						676
Upper West	89	86	91	84	88	139	90	55	26					748
Washington Heights	100	87	91	87	101									466
Williamsburg	79	74	84	64	71									372

GOAL 1: ENGLISH LANGUAGE ARTS

Goal 1: English Language Arts
Students will demonstrate proficiency in reading, writing, and comprehending the English language.

BACKGROUND

Believing that all students can succeed, SA goes above and beyond Common Core standards. SA uses THINK Literacy, a comprehensive balanced literacy program, in all grades. THINK Literacy was developed in-house by the Instructional Management team at Success Academy Charter Schools, the charter management organization. There are many components of THINK, including Shared Text, Guided Reading, Read Aloud with Discussion, Reading Workshop, and Writing Workshop. During Shared Text, the teacher displays a text and the whole class reads and analyzes it together, giving students practice interpreting brief, engaging texts. During Guided Reading, the teacher works with a small group of students to read and comprehend a book that is one level above what they can read and understand independently. During Read Aloud with Discussion, the teacher models the internal thinking that excellent readers exhibit, and students discuss their ideas about the book with their classmates. During Reading Workshop and Writing Workshop, students internalize key aspects of great reading and writing, through direct instruction, independent work, and partner work. All THINK components press students to read, write, think, and speak with clarity and precision.

In kindergarten and first grade, students also receive extensive phonics instruction. This early literacy curriculum is modeled on an enhanced version of Success For All (SFA), which has a proven track record in urban schools and has been implemented in 1,300 schools around the United States.

Students are assessed in reading regularly. They progress to the next instructional reading level when ready. Thus, children are assigned to appropriate reading levels based on reading performance, not age or grade.

SA enforces specific protocols for how it collects, distributes, and analyzes data. These protocols work to help teachers and school leaders freely access information in real-time. In a fast-paced and constantly changing school environment, having ready access to academic data empowers the staff to better decide how to expend time and resources so as to maximize student achievement.

SA views its teachers as Olympic athletes who must constantly train and improve their skills. Professional development is a regular part of their professional responsibilities as it develops skills, provides content area knowledge, and improves pedagogical techniques so that the teachers are prepared to "win the race" that is educating children. Further information is available in the school's charter.

Goal 1: Absolute Measure

Each year, 75 percent of all tested students enrolled in at least their second year will perform at or above proficiency on the New York State English language arts examination for grades 3-8.

METHOD

The school administered the New York State Testing Program English language arts ("ELA") assessment to students in April 2019. Each student's raw score has been converted to a grade-specific scaled score and a performance level.

See below for a summary of participation information for this year's test administration. The table indicates total enrollment and total number of students tested. It also provides a detailed breakdown of those students excluded from the exam. Note that this table includes all students according to grade level, even if they have not enrolled in at least their second year (defined as enrolled by BEDS day of the previous school year).

2018-19 State English Language Arts Exam							
Number of Students Tested and Not Tested							
					Not Tested		
School	Grade	Total Tested	IEP	ELL	Absent	Refused	Total Enrolled
Bed-Stuy 1	3	78	30	4	0	0	78
Bed-Stuy 1	4	65	23	0	0	0	65
Bed-Stuy 1	5	101	17	1	0	0	101
Bed-Stuy 1	6	88	17	0	0	0	88
Bed-Stuy 1	7	77	12	0	0	0	77
Bed-Stuy 1	8	45	1	0	0	0	45
Bed-Stuy 1	ALL	454	100	5	0	0	454
Bed-Stuy 2	3	79	26	2	0	0	79
Bed-Stuy 2	4	46	4	2	0	0	46
Bed-Stuy 2	ALL	125	30	4	0	0	125
Bensonhurst	3	85	23	10	0	2	87
Bensonhurst	4	75	9	6	0	1	76

Bensonhurst	ALL	160	32	16	0	3	163
Bergen Beach	3	81	15	1	0	0	81
Bergen Beach	4	57	8	1	0	0	57
Bergen Beach	5	97	13	1	0	0	97
Bergen Beach	ALL	235	36	3	0	0	235
Bronx 1	3	73	12	6	0	1	74
Bronx 1	4	50	6	1	0	0	50
Bronx 1	5	110	26	0	0	0	110
Bronx 1	6	65	9	0	0	1	66
Bronx 1	ALL	298	53	7	0	2	300
Bronx 2	3	105	26	18	1	0	106
Bronx 2	4	85	12	10	0	0	85
Bronx 2	5	101	14	2	0	0	101
Bronx 2	6	61	8	0	0	0	61
Bronx 2	7	57	15	0	0	0	57
Bronx 2	8	53	9	0	0	0	53
Bronx 2	ALL	462	84	30	1	0	463
Bronx 3	3	91	8	6	1	0	92
Bronx 3	4	78	9	8	0	0	78
Bronx 3	5	123	33	2	1	0	124
Bronx 3	6	56	5	0	0	0	56
Bronx 3	ALL	348	55	16	2	0	350
Bronx 4	3	83	21	3	0	1	83
Bronx 4	4	89	19	0	0	0	90
Bronx 4	ALL	172	40	3	0	1	173
Bushwick	3	50	4	0	0	0	50
Bushwick	ALL	50	4	0	0	0	50
Cobble Hill	3	72	6	5	0	0	72

Cobble Hill	4	59	13	3	0	0	59
Cobble Hill	ALL	131	19	8	0	0	131
Crown Heights	3	90	18	2	0	0	90
Crown Heights	4	75	7	1	0	0	75
Crown Heights	5	112	24	1	0	0	112
Crown Heights	6	82	7	0	0	0	82
Crown Heights	ALL	359	56	4	0	0	359
Far Rockaway	3	82	14	0	0	0	82
Far Rockaway	ALL	82	14	0	0	0	82
Flatbush	3	47	5	2	0	0	47
Flatbush	ALL	47	5	2	0	0	47
Fort Greene	3	68	16	6	0	0	68
Fort Greene	4	43	6	3	1	0	44
Fort Greene	ALL	111	22	9	1	0	112
Harlem 1	3	83	8	8	0	0	83
Harlem 1	4	100	25	8	0	0	100
Harlem 1	5	88	10	3	0	0	88
Harlem 1	6	80	22	0	0	0	80
Harlem 1	7	63	5	0	0	0	63
Harlem 1	8	50	6	0	0	0	50
Harlem 1	ALL	464	76	19	0	0	464
Harlem 2	3	84	27	6	0	0	84
Harlem 2	4	69	15	2	0	0	69
Harlem 2	5	72	10	0	0	0	72
Harlem 2	6	33	1	0	0	0	33
Harlem 2	7	54	10	0	0	0	54
Harlem 2	8	80	14	1	0	0	80
Harlem 2	ALL	392	77	9	0	0	392

Harlem 3	3	81	17	6	0	0	81
Harlem 3	4	79	22	5	0	0	79
Harlem 3	5	127	36	3	0	0	127
Harlem 3	6	99	24	0	0	0	99
Harlem 3	7	129	29	0	0	1	130
Harlem 3	8	110	16	0	0	1	111
Harlem 3	ALL	625	144	14	0	2	627
Harlem 4	3	82	18	13	0	0	82
Harlem 4	4	73	8	2	0	0	73
Harlem 4	ALL	155	26	15	0	0	155
Harlem 5	3	91	18	15	0	1	92
Harlem 5	4	70	14	4	0	0	70
Harlem 5	5	111	13	0	0	0	111
Harlem 5	6	102	19	0	0	0	102
Harlem 5	7	56	9	0	0	0	56
Harlem 5	8	34	6	1	0	0	34
Harlem 5	ALL	464	79	20	0	1	465
Hell's Kitchen	3	88	25	6	0	0	88
Hell's Kitchen	4	84	10	4	0	0	84
Hell's Kitchen	ALL	172	35	10	0	0	172
Prospect Heights	3	70	15	0	0	1	71
Prospect Heights	4	43	9	1	0	0	43
Prospect Heights	5	145	26	0	0	0	145
Prospect Heights	6	72	7	0	0	0	72
Prospect Heights	7	19	1	0	0	0	19

Prospect Heights	ALL	349	58	1	0	1	350
Rosedale	3	79	12	3	0	1	80
Rosedale	4	84	13	2	0	0	84
Rosedale	ALL	163	25	5	0	1	164
South Jamaica	3	51	4	0	1	0	52
South Jamaica	ALL	51	4	0	1	0	52
Springfield Gardens	3	95	12	0	0	1	97
Springfield Gardens	4	94	4	1	0	0	94
Springfield Gardens	5	113	11	0	0	0	113
Springfield Gardens	ALL	302	27	1	0	1	304
Union Square	3	96	26	6	0	0	96
Union Square	4	90	26	0	0	0	90
Union Square	5	114	28	0	0	0	114
Union Square	6	97	14	0	1	0	98
Union Square	7	36	6	0	1	0	37
Union Square	ALL	433	100	6	2	0	435
Upper West	3	84	13	2	0	0	84
Upper West	4	88	18	0	0	0	88
Upper West	5	139	32	2	0	0	139
Upper West	6	90	23	0	0	0	90
Upper West	7	55	12	1	0	0	55
Upper West	8	26	4	0	0	0	26
Upper West	ALL	482	102	5	0	0	482
Washington Heights	3	86	17	9	1	0	87

School	Grade						
Washington Heights	4	100	26	6	0	0	100
Washington Heights	ALL	186	43	15	1	0	187
Williamsburg	3	63	20	6	1	0	64
Williamsburg	4	71	10	4	0	0	71
Williamsburg	ALL	134	30	10	1	0	135

RESULTS AND EVALUATION

Each SA charter met this goal. See below:

Performance on 2018-19 State English Language Arts Exam					
By All Students and Students Enrolled in At Least Their Second Year					
		All Students		**Enrolled in at least their Second Year**	
School	**Grade**	**Percent Proficient (All)**	**Number Tested (All)**	**Percent Proficient (2+)**	**Number Tested (2+)**
Bed-Stuy 1	3	97.44%	78	97.44%	78
Bed-Stuy 1	4	95.38%	65	95.31%	64
Bed-Stuy 1	5	76.24%	101	76.24%	101
Bed-Stuy 1	6	97.73%	88	97.73%	88
Bed-Stuy 1	7	88.31%	77	88.31%	77
Bed-Stuy 1	8	95.56%	45	95.56%	45
Bed-Stuy 1	ALL	90.75%	454	90.73%	453
Bed-Stuy 2	3	94.94%	79	94.37%	71
Bed-Stuy 2	4	95.65%	46	95.00%	40
Bed-Stuy 2	ALL	95.20%	125	94.59%	111
Bensonhurst	3	98.82%	85	98.72%	78
Bensonhurst	4	93.33%	75	94.03%	67

Bensonhurst	ALL	96.25%	160	96.55%	145
Bergen Beach	3	97.53%	81	96.88%	64
Bergen Beach	4	92.98%	57	92.59%	54
Bergen Beach	5	84.54%	97	84.54%	97
Bergen Beach	ALL	91.06%	235	90.23%	215
Bronx 1	3	91.78%	73	94.74%	57
Bronx 1	4	94.00%	50	93.18%	44
Bronx 1	5	84.55%	110	84.55%	110
Bronx 1	6	93.85%	65	93.85%	65
Bronx 1	ALL	89.93%	298	90.22%	276
Bronx 2	3	84.76%	105	81.40%	86
Bronx 2	4	91.76%	85	92.21%	77
Bronx 2	5	79.21%	101	79.21%	101
Bronx 2	6	100.00%	61	100.00%	61
Bronx 2	7	98.25%	57	98.25%	57
Bronx 2	8	100.00%	53	100.00%	53
Bronx 2	ALL	90.26%	462	89.89%	435
Bronx 3	3	96.70%	91	97.22%	72
Bronx 3	4	91.03%	78	93.15%	73
Bronx 3	5	65.85%	123	65.85%	123
Bronx 3	6	91.07%	56	91.07%	56
Bronx 3	ALL	83.62%	348	83.33%	324
Bronx 4	3	98.80%	83	98.67%	75
Bronx 4	4	85.39%	89	86.05%	86
Bronx 4	ALL	91.86%	172	91.93%	161
Bushwick	3	98.00%	50	97.62%	42
Bushwick	ALL	98.00%	50	97.62%	42
Cobble Hill	3	100.00%	72	100.00%	60

Cobble Hill	4	96.61%	59	96.55%	58
Cobble Hill	ALL	98.47%	131	98.31%	118
Crown Heights	3	100.00%	90	100.00%	84
Crown Heights	4	89.33%	75	90.41%	73
Crown Heights	5	66.96%	112	66.96%	112
Crown Heights	6	97.56%	82	97.56%	82
Crown Heights	ALL	86.91%	359	86.89%	351
Far Rockaway	3	84.15%	82	88.00%	75
Far Rockaway	ALL	84.15%	82	88.00%	75
Flatbush	3	100.00%	47	100.00%	44
Flatbush	ALL	100.00%	47	100.00%	44
Fort Greene	3	97.06%	68	96.83%	63
Fort Greene	4	97.67%	43	97.56%	41
Fort Greene	ALL	97.30%	111	97.12%	104
Harlem 1	3	93.98%	83	93.42%	76
Harlem 1	4	84.00%	100	84.62%	91
Harlem 1	5	76.14%	88	76.14%	88
Harlem 1	6	82.50%	80	82.50%	80
Harlem 1	7	77.78%	63	77.78%	63
Harlem 1	8	94.00%	50	94.00%	50
Harlem 1	ALL	84.27%	464	84.15%	448
Harlem 2	3	91.67%	84	93.85%	65
Harlem 2	4	92.75%	69	96.61%	59
Harlem 2	5	66.67%	72	66.67%	72
Harlem 2	6	93.94%	33	93.94%	33
Harlem 2	7	85.19%	54	85.19%	54
Harlem 2	8	87.50%	80	87.50%	80
Harlem 2	ALL	85.71%	392	86.23%	363

Harlem 3	3	95.06%	81	97.01%	67
Harlem 3	4	89.87%	79	89.61%	77
Harlem 3	5	70.08%	127	70.08%	127
Harlem 3	6	95.96%	99	95.96%	99
Harlem 3	7	93.02%	129	93.02%	129
Harlem 3	8	97.27%	110	97.27%	110
Harlem 3	ALL	89.44%	625	89.49%	609
Harlem 4	3	97.56%	82	97.14%	70
Harlem 4	4	97.26%	73	96.92%	65
Harlem 4	ALL	97.42%	155	97.04%	135
Harlem 5	3	92.31%	91	93.42%	76
Harlem 5	4	91.43%	70	91.94%	62
Harlem 5	5	72.97%	111	72.97%	111
Harlem 5	6	96.08%	102	96.08%	102
Harlem 5	7	96.43%	56	96.43%	56
Harlem 5	8	94.12%	34	94.12%	34
Harlem 5	ALL	89.01%	464	89.12%	441
Hell's Kitchen	3	95.45%	88	94.74%	76
Hell's Kitchen	4	96.43%	84	96.00%	75
Hell's Kitchen	ALL	95.93%	172	95.36%	151
Prospect Heights	3	97.14%	70	96.43%	56
Prospect Heights	4	86.05%	43	84.62%	39
Prospect Heights	5	77.93%	145	77.93%	145
Prospect Heights	6	94.44%	72	94.44%	72
Prospect Heights	7	89.47%	19	89.47%	19
Prospect Heights	ALL	86.82%	349	86.10%	331
Rosedale	3	98.73%	79	98.46%	65
Rosedale	4	94.05%	84	95.06%	81

Rosedale	ALL	96.32%	163	96.58%	146
South Jamaica	3	96.08%	51	95.24%	42
South Jamaica	ALL	96.08%	51	95.24%	42
Springfield Gardens	3	93.68%	95	94.59%	74
Springfield Gardens	4	84.04%	94	82.95%	88
Springfield Gardens	5	77.88%	113	77.88%	113
Springfield Gardens	ALL	84.77%	302	84.00%	275
Union Square	3	98.96%	96	98.85%	87
Union Square	4	91.11%	90	90.59%	85
Union Square	5	86.84%	114	86.84%	114
Union Square	6	98.97%	97	98.97%	97
Union Square	7	94.44%	36	94.44%	36
Union Square	ALL	93.76%	433	93.56%	419
Upper West	3	98.81%	84	98.53%	68
Upper West	4	95.45%	88	96.00%	75
Upper West	5	87.77%	139	87.77%	139
Upper West	6	87.78%	90	87.78%	90
Upper West	7	87.27%	55	87.27%	55
Upper West	8	100.00%	26	100.00%	26
Upper West	ALL	91.70%	482	91.39%	453
Washington Heights	3	96.51%	86	97.53%	81
Washington Heights	4	90.00%	100	90.72%	97
Washington Heights	ALL	93.01%	186	93.82%	178
Williamsburg	3	100.00%	63	100.00%	57
Williamsburg	4	97.18%	71	96.97%	66
Williamsburg	ALL	98.51%	134	98.37%	123

> **Goal 1: Absolute Measure**
>
> Each year, the school's aggregate Performance Index ("PI") on the State English language arts exam will meet that year's state Measure of Interim Progress ("MIP") set forth in the state's ESSA accountability system.

METHOD

In New York State, ESSA school performance goals are met by showing that an absolute proportion of a school's students who have taken the English language arts test have scored at the partially proficient, or proficient and advanced performance levels (Levels 2 or 3 & 4). The percentage of students at each of these three levels is used to calculate a PI and determine if the school has met the MIP set each year by the state's ESSA accountability system. To achieve this measure, all tested students must have a PI value that equals or exceeds the state's 2018-19 English language arts MIP for all students of 105. The PI is the sum of the percent of students in all tested grades combined scoring at Level 2, plus two times the percent of students scoring at Level 3, plus two-and-a-half times the percent of students scoring at Level 4. Thus, the highest possible PI is 250.

RESULTS AND EVALUATION

Each SA charter met this goal. See below:

School	Number in Cohort	Percent of Students at Each Performance Level			
		L1	L2	L3	L4
Bed-Stuy 1	454	1.32%	7.93%	43.39%	47.36%
Bed-Stuy 2	125	0.00%	4.80%	56.00%	39.20%
Bensonhurst	163	0.00%	3.75%	56.25%	40.00%
Bergen Beach	235	0.85%	8.09%	56.17%	34.89%
Bronx 1	300	0.34%	9.73%	48.66%	41.28%
Bronx 2	463	0.65%	9.09%	47.40%	42.86%
Bronx 3	350	3.16%	13.22%	54.31%	29.31%
Bronx 4	173	1.16%	6.98%	60.47%	31.40%
Bushwick	50	0.00%	2.00%	80.00%	18.00%
Cobble Hill	131	0.00%	1.53%	52.67%	45.80%
Crown Heights	359	2.51%	10.58%	46.80%	40.11%
Far Rockaway	82	0.00%	15.85%	75.61%	8.54%
Flatbush	47	0.00%	0.00%	76.60%	23.40%

Fort Greene	112	0.00%	2.70%	65.77%	31.53%
Harlem 1	464	1.08%	14.66%	47.63%	36.64%
Harlem 2	392	1.02%	13.27%	46.17%	39.54%
Harlem 3	627	1.44%	9.12%	44.96%	44.48%
Harlem 4	155	0.00%	2.58%	60.65%	36.77%
Harlem 5	465	1.08%	9.91%	46.34%	42.67%
Hell's Kitchen	172	0.00%	4.07%	52.91%	43.02%
Prospect Heights	350	0.86%	12.32%	44.13%	42.69%
Rosedale	164	0.61%	3.07%	57.67%	38.65%
South Jamaica	52	0.00%	3.92%	80.39%	15.69%
Springfield Gardens	304	1.32%	13.91%	55.96%	28.81%
Union Square	435	0.23%	6.00%	39.95%	53.81%
Upper West	482	1.04%	7.26%	32.37%	59.34%
Washington Heights	187	0.00%	6.99%	50.00%	43.01%
Williamsburg	135	0.00%	1.49%	61.94%	36.57%

School								
Bed-Stuy 1	PI	=	8	+	87	+	118	=	213
Bed-Stuy 2	PI	=	5	+	112	+	98	=	215
Bensonhurst	PI	=	5	+	112	+	98	=	215
Bergen Beach	PI	=	4	+	113	+	100	=	216
Bronx 1	PI	=	8	+	112	+	87	=	208
Bronx 2	PI	=	10	+	97	+	103	=	210
Bronx 3	PI	=	9	+	95	+	107	=	211
Bronx 4	PI	=	13	+	109	+	73	=	195
Bushwick	PI	=	13	+	109	+	73	=	195
Cobble Hill	PI	=	7	+	121	+	78	=	206

Crown Heights	PI	=	7	+	121	+	78	=	206
Far Rockaway	PI	=	2	+	160	+	45	=	207
Flatbush	PI	=	2	+	105	+	115	=	221
Fort Greene	PI	=	11	+	94	+	100	=	204
Harlem 1	PI	=	16	+	151	+	21	=	188
Harlem 2	PI	=	0	+	153	+	59	=	212
Harlem 3	PI	=	3	+	132	+	79	=	213
Harlem 4	PI	=	3	+	132	+	79	=	213
Harlem 5	PI	=	15	+	95	+	92	=	202
Hell's Kitchen	PI	=	15	+	95	+	92	=	202
Prospect Heights	PI	=	13	+	92	+	99	=	204
Rosedale	PI	=	9	+	90	+	111	=	210
South Jamaica	PI	=	3	+	121	+	92	=	216
Springfield Gardens	PI	=	10	+	93	+	107	=	209
Union Square	PI	=	4	+	106	+	108	=	217
Upper West	PI	=	12	+	88	+	107	=	207
Washington Heights	PI	=	3	+	115	+	97	=	215
Williamsburg	PI	=	4	+	161	+	39	=	204

Goal 1: Comparative Measure

Each year, the percent of all tested students who are enrolled in at least their second year and performing at proficiency on the state English language arts exam will be greater than that of all students in the same tested grades in the school district of comparison.

METHOD

A school compares tested students enrolled in at least their second year to all tested students in the public school district of comparison. Comparisons are between the results for each grade in which

the school had tested students in at least their second year at the school and the total result for all students at the corresponding grades in the school district.[1]

RESULTS AND EVALUATION

Each SA charter met this goal. See below:

School	Grade	District	Percent of Students at or Above Proficiency			
			Charter School Students In At Least 2nd Year		All District Students	
			Percent Proficient (2+)	Number Tested (2+)	Percent Proficient (District)	Number Tested (District)
Bed-Stuy 1	3	14	97.44%	78	52.77%	1084
Bed-Stuy 1	4	14	95.31%	64	49.30%	1071
Bed-Stuy 1	5	14	76.24%	101	36.53%	1084
Bed-Stuy 1	6	14	97.73%	88	45.75%	1071
Bed-Stuy 1	7	14	88.31%	77	37.80%	1053
Bed-Stuy 1	8	14	95.56%	45	44.85%	970
Bed-Stuy 1	ALL	14	90.73%	453	44.51%	6333
Bed-Stuy 2	3	14	94.37%	71	52.77%	1084
Bed-Stuy 2	4	14	95.00%	40	49.30%	1071
Bed-Stuy 2	ALL	14	94.59%	111	51.04%	2155
Bensonhurst	3	21	98.72%	78	55.52%	2084
Bensonhurst	4	21	94.03%	67	53.36%	2172
Bensonhurst	ALL	21	96.55%	145	54.42%	4256
Bergen Beach	3	22	96.88%	64	56.25%	2608
Bergen Beach	4	22	92.59%	54	53.07%	2738
Bergen Beach	5	22	84.54%	97	41.42%	2699

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[1] Schools can acquire these data when the New York State Education Department releases its database containing grade level ELA and math test results for all schools and districts statewide. The NYSED announces the release of the data on its News Release webpage.

Bergen Beach	ALL	22	90.23%	215	50.19%	8045
Bronx 1	3	7	94.74%	57	42.93%	1181
Bronx 1	4	7	93.18%	44	35.98%	1234
Bronx 1	5	7	84.55%	110	21.97%	1179
Bronx 1	6	7	93.85%	65	28.21%	1131
Bronx 1	ALL	7	90.22%	276	32.36%	4725
Bronx 2	3	9	81.40%	86	39.00%	2487
Bronx 2	4	9	92.21%	77	34.76%	2468
Bronx 2	5	9	79.21%	101	22.76%	2566
Bronx 2	6	9	100.00%	61	26.94%	2476
Bronx 2	7	9	98.25%	57	25.64%	2566
Bronx 2	8	9	100.00%	53	32.82%	2581
Bronx 2	ALL	9	89.89%	435	30.27%	15144
Bronx 3	3	9	97.22%	72	39.00%	2487
Bronx 3	4	9	93.15%	73	34.76%	2468
Bronx 3	5	9	65.85%	123	22.76%	2566
Bronx 3	6	9	91.07%	56	26.94%	2476
Bronx 3	ALL	9	83.33%	324	30.80%	9997
Bronx 4	3	8	98.67%	75	44.10%	2000
Bronx 4	4	8	86.05%	86	37.84%	2106
Bronx 4	ALL	8	91.93%	161	40.89%	4106
Bushwick	3	32	97.62%	42	35.91%	749
Bushwick	ALL	32	97.62%	42	35.91%	749
Cobble Hill	3	15	100.00%	60	61.96%	2458
Cobble Hill	4	15	96.55%	58	60.26%	2519
Cobble Hill	ALL	15	98.31%	118	61.10%	4977
Crown Heights	3	17	100.00%	84	51.38%	1228
Crown Heights	4	17	90.41%	73	45.53%	1388

Crown Heights	5	17	66.96%	112	30.00%	1330
Crown Heights	6	17	97.56%	82	43.81%	1543
Crown Heights	ALL	17	86.89%	351	42.59%	5489
Far Rockaway	3	27	88.00%	75	53.94%	3202
Far Rockaway	ALL	27	88.00%	75	53.94%	3202
Flatbush	3	17	100.00%	44	51.38%	1228
Flatbush	ALL	17	100.00%	44	51.38%	1228
Fort Greene	3	13	96.83%	63	59.62%	894
Fort Greene	4	13	97.56%	41	58.43%	996
Fort Greene	ALL	13	97.12%	104	58.99%	1890
Harlem 1	3	3	93.42%	76	65.90%	1349
Harlem 1	4	3	84.62%	91	70.84%	1221
Harlem 1	5	3	76.14%	88	57.22%	1281
Harlem 1	6	3	82.50%	80	63.74%	1368
Harlem 1	7	3	77.78%	63	61.04%	1304
Harlem 1	8	3	94.00%	50	65.66%	1331
Harlem 1	ALL	3	84.15%	448	64.03%	7854
Harlem 2	3	5	93.85%	65	36.34%	732
Harlem 2	4	5	96.61%	59	29.51%	793
Harlem 2	5	5	66.67%	72	25.16%	783
Harlem 2	6	5	93.94%	33	37.75%	710
Harlem 2	7	5	85.19%	54	25.39%	768
Harlem 2	8	5	87.50%	80	32.78%	787
Harlem 2	ALL	5	86.23%	363	31.01%	4573
Harlem 3	3	4	97.01%	67	46.63%	830
Harlem 3	4	4	89.61%	77	43.29%	887
Harlem 3	5	4	70.08%	127	32.00%	872
Harlem 3	6	4	95.96%	99	45.14%	895

Harlem 3	7	4	93.02%	129	38.32%	882
Harlem 3	8	4	97.27%	110	45.05%	879
Harlem 3	ALL	4	89.49%	609	41.72%	5245
Harlem 4	3	3	97.14%	70	65.90%	1349
Harlem 4	4	3	96.92%	65	70.84%	1221
Harlem 4	ALL	3	97.04%	135	68.25%	2570
Harlem 5	3	5	93.42%	76	36.34%	732
Harlem 5	4	5	91.94%	62	29.51%	793
Harlem 5	5	5	72.97%	111	25.16%	783
Harlem 5	6	5	96.08%	102	37.75%	710
Harlem 5	7	5	96.43%	56	25.39%	768
Harlem 5	8	5	94.12%	34	32.78%	787
Harlem 5	ALL	5	89.12%	441	31.01%	4573
Hell's Kitchen	3	2	94.74%	76	77.35%	2623
Hell's Kitchen	4	2	96.00%	75	78.58%	2591
Hell's Kitchen	ALL	2	95.36%	151	77.96%	5214
Prospect Heights	3	17	96.43%	56	51.38%	1228
Prospect Heights	4	17	84.62%	39	45.53%	1388
Prospect Heights	5	14	77.93%	145	36.53%	1084
Prospect Heights	6	14	94.44%	72	45.75%	1071
Prospect Heights	7	14	89.47%	19	37.80%	1053
Prospect Heights	ALL	14 + 17	86.10%	331	43.73%	5824
Rosedale	3	29	98.46%	65	51.25%	2154
Rosedale	4	29	95.06%	81	48.76%	2174
Rosedale	ALL	29	96.58%	146	50.00%	4328
South Jamaica	3	27	95.24%	42	53.94%	3202
South Jamaica	ALL	27	95.24%	42	53.94%	3202
Springfield Gardens	3	29	94.59%	74	51.25%	2154

Springfield Gardens	4	29	82.95%	88	48.76%	2174
Springfield Gardens	5	29	77.88%	113	35.58%	2288
Springfield Gardens	ALL	29	84.00%	275	45.01%	6616
Union Square	3	2	98.85%	87	77.35%	2623
Union Square	4	2	90.59%	85	78.58%	2591
Union Square	5	2	86.84%	114	70.05%	2561
Union Square	6	2	98.97%	97	77.12%	2671
Union Square	7	2	94.44%	36	72.62%	2531
Union Square	ALL	2	93.56%	419	75.19%	12977
Upper West	3	3	98.53%	68	65.90%	1349
Upper West	4	3	96.00%	75	70.84%	1221
Upper West	5	2	87.77%	139	70.05%	2561
Upper West	6	2	87.78%	90	77.12%	2671
Upper West	7	2	87.27%	55	72.62%	2531
Upper West	8	2	100.00%	26	72.32%	2287
Upper West	ALL	2 + 3	91.39%	453	72.11%	12620
Washington Heights	3	6	97.53%	81	44.63%	1526
Washington Heights	4	6	90.72%	97	41.49%	1692
Washington Heights	ALL	6	93.82%	178	42.98%	3218
Williamsburg	3	14	100.00%	57	52.77%	1084
Williamsburg	4	14	96.97%	66	49.30%	1071
Williamsburg	ALL	14	98.37%	123	51.04%	2155

> **Goal 1: Comparative Measure**
>
> Each year, the school will exceed its predicted level of performance on the state English language arts exam by an effect size of 0.3 or above (performing higher than expected to a meaningful degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State.

METHOD

The SUNY Charter Schools Institute ("Institute") conducts a comparative performance analysis, which compares the school's performance to that of demographically similar public schools statewide. The Institute uses a regression analysis to control for the percentage of economically disadvantaged students among all public schools in New York State. The Institute compares the school's actual performance to the predicted performance of public schools with a similar concentration of economically disadvantaged students. The difference between the school's actual and predicted performance, relative to other schools with similar economically disadvantaged statistics, produces an Effect Size. An Effect Size of 0.3, or performing higher than expected to a meaningful degree, is the requirement for achieving this measure.

Given the timing of the state's release of economically disadvantaged data and the demands of the data analysis, the 2018-19 analysis is not yet available. This report contains <u>2017-18</u> results, the most recent Comparative Performance Analysis available.

RESULTS AND EVALUATION

Each SA charter met this goal, with a Comparative Performance of "Higher than expected to a large degree." See below for more information.

SA Charter	ELA Effect Size	ELA Growth Percentile	Math Effect Size	Math Growth Percentile
Bed-Stuy 1	3.05	51.0	2.92	47.3
Bed-Stuy 2	2.67	45.6	2.68	67.5
Bensonhurst	2.37	50.4	2.62	63.7
Bergen Beach	2.70	50.2	2.72	61.8
Bronx 1	3.07	50.6	3.17	54.1
Bronx 2	3.13	61.4	3.03	67.2
Bronx 3	3.12	56.3	2.96	61.1
Bronx 4	2.31	55.4	2.68	61.8
Bushwick	N/A	N/A	N/A	N/A
Cobble Hill	2.73	54.3	2.67	61.7
Crown Heights	3.19	53.4	2.99	53.4
Far Rockaway	N/A	N/A	N/A	N/A
Flatbush	N/A	N/A	N/A	N/A
Fort Greene	2.46	50.3	2.67	64.8
Harlem 1	2.78	51.1	3.04	57.3

Harlem 2	2.85	51.7	2.99	56.3
Harlem 3	3.17	57.9	3.11	59.7
Harlem 4	2.81	55.8	2.78	66.6
Harlem 5	3.05	51.6	3.13	54.0
Harlem 6	N/A	N/A	N/A	N/A
Hell's Kitchen	2.69	60.6	2.57	68.0
Hudson Yards	N/A	N/A	N/A	N/A
Prospect Heights	2.81	52.1	2.97	56.8
Rosedale	2.29	42.6	2.41	55.1
South Jamaica	N/A	N/A	N/A	N/A
Springfield Gardens	2.34	61.0	2.55	73.6
Union Square	2.55	55.8	2.62	60.6
Upper West	2.63	50.5	2.60	51.8
Washington Heights	2.43	51.1	2.58	55.7
Williamsburg	2.48	55.3	2.68	62.6

Goal 1: Growth Measure[2]

Each year, under the state's Growth Model, the school's mean unadjusted growth percentile in English language arts for all tested students in grades 4-8 will be above the target of 50.

METHOD

This measure examines the change in performance of the same group of students from one year to the next and the progress they are making in comparison to other students with the same score in the previous year. The analysis only includes students who took the state exam in 2017-18 and also have a state exam score from 2016-17 including students who were retained in the same grade. Students with the same 2016-17 score are ranked by their 2017-18 score and assigned a percentile based on their relative growth in performance (student growth percentile). Students' growth percentiles are aggregated school-wide to yield a school's mean growth percentile. In order for a school to perform above the target for this measure, it must have a mean growth percentile greater than 50.

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[2] See Guidelines for **Creating a SUNY Accountability Plan** for an explanation.

Given the timing of the state's release of Growth Model data, the 2018-19 analysis is not yet available. This report contains <u>2017-18</u> results, the most recent Growth Model data available.[3]

RESULTS AND EVALUATION

Most SA charters met this goal. Some SA charters did not, but only because they were starting from such high performance in prior years that there was little room for growth. See chart above under the ELA - Effect Size Measure.

SUMMARY OF THE ENGLISH LANGUAGE ARTS GOAL

Type	Measure	Outcome
Absolute	Each year, 75 percent of all tested students who are enrolled in at least their second year will perform at proficiency on the New York State English language arts exam for grades 3-8.	Achieved
Absolute	Each year, the school's aggregate PI on the state's English language arts exam will meet that year's state MIP as set forth in the state's ESSA accountability system.	Achieved
Comparative	Each year, the percent of all tested students who are enrolled in at least their second year and performing at proficiency on the state English language arts exam will be greater than that of students in the same tested grades in the school district of comparison.	Achieved
Comparative	Each year, the school will exceed its predicted level of performance on the state English language arts exam by an effect size of 0.3 or above (performing higher than expected to a small degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State. (Using 2017-18 results.)	Achieved
Growth	Each year, under the state's Growth Model the school's mean unadjusted growth percentile in English language arts for all tested students in grades 4-8 will be above the target of 50. (Using 2017-18 results.)	Varies

ACTION PLAN

In order to continue improving in English language arts, SA will make the following improvements to its literacy program:

-   More effectively use shared text to enhance student discussions around literature that are truly student-driven and less directed by the teacher.
-   Provide students with more opportunities to respond to literature in writing.
-   Promote genre variety in the classroom by giving students short excerpts of non-fiction, realistic fiction, folktales, interviews, plays, pamphlets, advertisements, etc.
-   Help students identify the main idea of what they read in order to better understand author's purpose and connect details to a cohesive narrative.
-   Deepen class discussions around literature to transcend the literal and have students infer character traits, feelings and other aspects of literature not explicitly written.

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[3] Schools can acquire these data from the NYSED's Business Portal: portal.nysed.gov.

GOAL 2: MATHEMATICS

Goal 2: Mathematics

Students will show competency in their understanding and application of mathematical computation and problem solving.

BACKGROUND

SA uses Cognitively Guided Instruction (CGI) and the Investigations math program. Some of its key elements are described below:

- Problem Solving – CGI offers students a chance to solve real world, contextualized mathematical problems using conceptual understanding. Students learn the basics of problem solving strategies by solving daily word problems that require critical thinking and both written and verbal expression of mathematical reasoning. Students work individually to solve a problem and then share their strategies with their peers. The teacher leads a discussion based on student strategies that leads to understanding of mathematical properties.

- Assessment – SA administers Math Interim Assessments and weekly quizzes to determine the progress of students with respect to the Common Core standards. Teachers use the data to inform future instruction.

- Common Core State Standard Alignment – SA has mapped the scope and sequence of CGI and the Investigations math program to closely align with the Common Core. This scope and sequence closely follows the state and national requirements of what students should know and be able to do at each administration of the state math assessments. By aligning closely with the Common Core and assessments, teachers will have a much better sense of where their students stand in SA's goal of preparing all students for college-track level mathematics in middle and high school.

- Conceptual Understanding – Investigations math places an emphasis on open-ended exploration and interactive learning components to each lesson to let students make sense of mathematics by building on ideas and observations from previous experiences. By learning mathematical ideas and procedures that is grounded in meaning, students are able to apply their thinking to new situations and unfamiliar problems. CGI uses daily world problems to give students meaning, understanding, and application to the math they learn.

- Computational Fluency – SA also provides students with regular math facts practice because it recognizes the importance of computational fluency. Math facts quizzes emphasize both accuracy and speed.

Goal 2: Absolute Measure

Each year, 75 percent of all tested students enrolled in at least their second year will perform at proficiency on the New York State mathematics examination for grades 3-8.

METHOD

The school administered the New York State Testing Program mathematics assessment to students in April 2019. Each student's raw score has been converted to a grade-specific scaled score and a performance level.

See below for a summary of participation information for this year's test administration. The table indicates total enrollment and total number of students tested. It also provides a detailed breakdown of those students excluded from the exam. Note that this table includes all students according to grade level, even if they have not enrolled in at least their second year.

School	Grade	Total Tested	IEP	ELL	Absent	Refused	Total Enrolled
2018-19 State Mathematics Exam						
Number of Students Tested and Not Tested						
					Not Tested		
Bed-Stuy 1	3	78	30	4	0	0	78
Bed-Stuy 1	4	65	23	0	0	0	65
Bed-Stuy 1	5	101	17	1	0	0	101
Bed-Stuy 1	6	88	17	0	0	0	88
Bed-Stuy 1	7	77	12	0	0	0	77
Bed-Stuy 1	8	0	1	0	0	0	45
Bed-Stuy 1	ALL	409	100	5	0	0	454
Bed-Stuy 2	3	79	26	2	0	0	79
Bed-Stuy 2	4	46	4	2	0	0	46
Bed-Stuy 2	ALL	125	30	4	0	0	125
Bensonhurst	3	87	23	10	0	0	87
Bensonhurst	4	75	9	6	0	1	76
Bensonhurst	ALL	162	32	16	0	1	163
Bergen Beach	3	81	15	1	0	0	81

Bergen Beach	4	57	8	1	0	0	57
Bergen Beach	5	97	13	1	0	0	97
Bergen Beach	ALL	235	36	3	0	0	235
Bronx 1	3	74	12	6	0	0	74
Bronx 1	4	50	6	1	0	0	50
Bronx 1	5	110	26	0	0	0	110
Bronx 1	6	65	9	0	0	1	66
Bronx 1	ALL	299	53	7	0	1	300
Bronx 2	3	106	26	18	0	0	106
Bronx 2	4	85	12	10	0	0	85
Bronx 2	5	101	14	2	0	0	101
Bronx 2	6	61	8	0	0	0	61
Bronx 2	7	57	15	0	0	0	57
Bronx 2	8	0	9	0	0	0	53
Bronx 2	ALL	410	84	30	0	0	463
Bronx 3	3	92	8	6	0	0	92
Bronx 3	4	78	9	8	0	0	78
Bronx 3	5	124	33	2	0	0	124
Bronx 3	6	56	5	0	0	0	56
Bronx 3	ALL	350	55	16	0	0	350
Bronx 4	3	83	21	3	0	0	83
Bronx 4	4	89	19	0	0	1	90
Bronx 4	ALL	172	40	3	0	1	173
Bushwick	3	49	4	0	0	0	49
Bushwick	ALL	49	4	0	0	0	49
Cobble Hill	3	71	6	5	0	0	71
Cobble Hill	4	59	13	3	0	0	59
Cobble Hill	ALL	130	19	8	0	0	130

Crown Heights	3	90	18	2	0	0	90
Crown Heights	4	75	7	1	0	0	75
Crown Heights	5	111	24	1	0	0	111
Crown Heights	6	82	7	0	0	0	82
Crown Heights	ALL	358	56	4	0	0	358
Far Rockaway	3	82	14	0	0	0	82
Far Rockaway	ALL	82	14	0	0	0	82
Flatbush	3	47	5	2	0	0	47
Flatbush	ALL	47	5	2	0	0	47
Fort Greene	3	68	16	6	0	0	68
Fort Greene	4	42	6	3	1	0	44
Fort Greene	ALL	110	22	9	1	0	112
Harlem 1	3	83	8	8	0	0	83
Harlem 1	4	100	25	8	0	0	100
Harlem 1	5	88	10	3	0	0	88
Harlem 1	6	80	22	0	0	0	80
Harlem 1	7	63	5	0	0	0	63
Harlem 1	8	0	6	0	0	0	50
Harlem 1	ALL	414	76	19	0	0	464
Harlem 2	3	82	27	6	0	0	84
Harlem 2	4	69	15	2	0	0	69
Harlem 2	5	71	10	0	0	1	72
Harlem 2	6	33	1	0	0	0	33
Harlem 2	7	54	10	0	0	0	54
Harlem 2	8	0	14	1	0	0	80
Harlem 2	ALL	309	77	9	0	1	392
Harlem 3	3	81	17	6	0	0	81
Harlem 3	4	79	22	5	0	0	79

Harlem 3	5	127	36	3	0	0	127
Harlem 3	6	99	24	0	0	0	99
Harlem 3	7	129	29	0	0	1	130
Harlem 3	8	0	16	0	0	1	111
Harlem 3	ALL	515	144	14	0	2	627
Harlem 4	3	82	18	13	0	0	82
Harlem 4	4	73	8	2	0	0	73
Harlem 4	ALL	155	26	15	0	0	155
Harlem 5	3	92	18	15	0	0	92
Harlem 5	4	70	14	4	0	0	70
Harlem 5	5	111	13	0	0	0	111
Harlem 5	6	101	19	0	1	0	102
Harlem 5	7	55	9	0	0	0	56
Harlem 5	8	0	6	1	0	0	34
Harlem 5	ALL	429	79	20	1	0	465
Hell's Kitchen	3	88	25	6	0	0	88
Hell's Kitchen	4	83	9	4	0	0	83
Hell's Kitchen	ALL	171	34	10	0	0	171
Prospect Heights	3	70	15	0	0	1	71
Prospect Heights	4	43	9	1	0	0	43
Prospect Heights	5	145	26	0	0	0	145
Prospect Heights	6	72	7	0	0	0	72
Prospect Heights	7	19	1	0	0	0	19
Prospect Heights	ALL	349	58	1	0	1	350
Rosedale	3	78	12	3	0	2	80
Rosedale	4	84	13	2	0	0	84
Rosedale	ALL	162	25	5	0	2	164
South Jamaica	3	52	4	0	0	0	52

South Jamaica	ALL	52	4	0	0	0	52
Springfield Gardens	3	95	12	0	0	3	98
Springfield Gardens	4	93	4	1	0	0	94
Springfield Gardens	5	113	11	0	0	0	113
Springfield Gardens	ALL	301	27	1	0	3	305
Union Square	3	95	25	6	0	0	95
Union Square	4	90	26	0	0	0	90
Union Square	5	114	28	0	0	0	114
Union Square	6	93	14	0	0	0	98
Union Square	7	36	6	0	1	0	37
Union Square	ALL	428	99	6	1	0	434
Upper West	3	84	13	2	0	0	84
Upper West	4	88	18	0	0	0	88
Upper West	5	139	32	2	0	0	139
Upper West	6	89	23	0	0	0	90
Upper West	7	55	12	1	0	0	55
Upper West	8	0	4	0	0	0	26
Upper West	ALL	455	102	5	0	0	482
Washington Heights	3	85	17	9	1	0	87
Washington Heights	4	100	26	6	0	0	100
Washington Heights	ALL	185	43	15	1	0	187
Williamsburg	3	64	20	6	0	0	64
Williamsburg	4	71	10	4	0	0	71
Williamsburg	ALL	135	30	10	0	0	135

RESULTS AND EVALUATION

Each SA charter met this goal. See below:

		All Students		Enrolled in at least their Second Year	
School	Grade	Percent Proficient (All)	Number Tested (All)	Percent Proficient (2+)	Number Tested (2+)
Bed-Stuy 1	3	100.00%	78	100.00%	78
Bed-Stuy 1	4	98.46%	65	98.44%	64
Bed-Stuy 1	5	96.04%	101	96.04%	101
Bed-Stuy 1	6	100.00%	88	100.00%	88
Bed-Stuy 1	7	97.40%	77	97.40%	77
Bed-Stuy 1	8	n/a	n/a	n/a	n/a
Bed-Stuy 1	ALL	98.29%	409	88.52%	453
Bed-Stuy 2	3	97.47%	79	97.18%	71
Bed-Stuy 2	4	100.00%	46	100.00%	40
Bed-Stuy 2	ALL	98.40%	125	98.20%	111
Bensonhurst	3	100.00%	87	100.00%	80
Bensonhurst	4	100.00%	75	98.53%	68
Bensonhurst	ALL	100.00%	162	99.32%	148
Bergen Beach	3	100.00%	81	100.00%	64
Bergen Beach	4	98.25%	57	98.15%	54
Bergen Beach	5	100.00%	97	100.00%	97
Bergen Beach	ALL	99.57%	235	99.53%	215
Bronx 1	3	97.30%	74	98.28%	58
Bronx 1	4	98.00%	50	97.73%	44
Bronx 1	5	97.27%	110	97.27%	110
Bronx 1	6	100.00%	65	98.48%	66

Table header: **Performance on 2018-19 State Mathematics Exam** — **By All Students and Students Enrolled in At Least Their Second Year**

Bronx 1	ALL	97.99%	299	97.84%	278
Bronx 2	3	96.23%	106	95.35%	86
Bronx 2	4	100.00%	85	100.00%	77
Bronx 2	5	100.00%	101	100.00%	101
Bronx 2	6	100.00%	61	100.00%	61
Bronx 2	7	100.00%	57	100.00%	57
Bronx 2	8	n/a	n/a	n/a	n/a
Bronx 2	ALL	99.02%	410	86.90%	435
Bronx 3	3	98.91%	92	100.00%	73
Bronx 3	4	94.87%	78	98.63%	73
Bronx 3	5	91.13%	124	91.13%	124
Bronx 3	6	98.21%	56	98.21%	56
Bronx 3	ALL	95.14%	350	96.01%	326
Bronx 4	3	100.00%	83	100.00%	75
Bronx 4	4	98.88%	89	97.70%	87
Bronx 4	ALL	99.42%	172	98.77%	162
Bushwick	3	100.00%	49	100.00%	41
Bushwick	ALL	100.00%	49	100.00%	41
Cobble Hill	3	100.00%	71	100.00%	60
Cobble Hill	4	100.00%	59	100.00%	58
Cobble Hill	ALL	100.00%	130	100.00%	118
Crown Heights	3	100.00%	90	100.00%	84
Crown Heights	4	100.00%	75	100.00%	73
Crown Heights	5	95.50%	111	95.50%	111
Crown Heights	6	100.00%	82	100.00%	82
Crown Heights	ALL	98.60%	358	98.57%	350
Far Rockaway	3	93.90%	82	96.00%	75
Far Rockaway	ALL	93.90%	82	96.00%	75

Flatbush	3	100.00%	47	100.00%	44
Flatbush	ALL	100.00%	47	100.00%	44
Fort Greene	3	100.00%	68	100.00%	63
Fort Greene	4	100.00%	42	95.24%	42
Fort Greene	ALL	100.00%	110	98.10%	105
Harlem 1	3	100.00%	83	100.00%	76
Harlem 1	4	94.00%	100	94.51%	91
Harlem 1	5	98.86%	88	98.86%	88
Harlem 1	6	96.25%	80	96.25%	80
Harlem 1	7	100.00%	63	100.00%	63
Harlem 1	8	n/a	n/a	n/a	n/a
Harlem 1	ALL	97.58%	414	86.83%	448
Harlem 2	3	96.34%	82	98.46%	65
Harlem 2	4	100.00%	69	100.00%	59
Harlem 2	5	100.00%	71	98.61%	72
Harlem 2	6	96.97%	33	96.97%	33
Harlem 2	7	100.00%	54	100.00%	54
Harlem 2	8	n/a	n/a	n/a	n/a
Harlem 2	ALL	98.71%	309	77.13%	363
Harlem 3	3	98.77%	81	100.00%	67
Harlem 3	4	100.00%	79	100.00%	77
Harlem 3	5	98.43%	127	98.43%	127
Harlem 3	6	100.00%	99	100.00%	99
Harlem 3	7	100.00%	129	99.23%	130
Harlem 3	8	n/a	n/a	n/a	n/a
Harlem 3	ALL	99.42%	515	81.34%	611
Harlem 4	3	100.00%	82	100.00%	70
Harlem 4	4	98.63%	73	98.46%	65

Harlem 4	ALL	99.35%	155	99.26%	135
Harlem 5	3	100.00%	92	100.00%	76
Harlem 5	4	98.57%	70	100.00%	62
Harlem 5	5	100.00%	111	100.00%	111
Harlem 5	6	100.00%	101	99.02%	102
Harlem 5	7	100.00%	55	98.21%	56
Harlem 5	8	n/a	n/a	n/a	n/a
Harlem 5	ALL	99.77%	429	91.84%	441
Hell's Kitchen	3	98.86%	88	98.68%	76
Hell's Kitchen	4	100.00%	83	100.00%	75
Hell's Kitchen	ALL	99.42%	171	99.34%	151
Prospect Heights	3	98.57%	70	96.49%	57
Prospect Heights	4	100.00%	43	100.00%	39
Prospect Heights	5	99.31%	145	99.31%	145
Prospect Heights	6	100.00%	72	100.00%	72
Prospect Heights	7	100.00%	19	100.00%	19
Prospect Heights	ALL	99.43%	349	99.10%	332
Rosedale	3	100.00%	78	98.48%	66
Rosedale	4	97.62%	84	97.53%	81
Rosedale	ALL	98.77%	162	97.96%	147
South Jamaica	3	100.00%	52	100.00%	43
South Jamaica	ALL	100.00%	52	100.00%	43
Springfield Gardens	3	94.74%	95	93.42%	76
Springfield Gardens	4	92.47%	93	92.05%	88
Springfield Gardens	5	95.58%	113	95.58%	113
Springfield Gardens	ALL	94.35%	301	93.86%	277
Union Square	3	97.89%	95	97.67%	86
Union Square	4	97.78%	90	97.65%	85

Union Square	5	100.00%	114	100.00%	114
Union Square	6	98.92%	93	93.88%	98
Union Square	7	100.00%	36	97.30%	37
Union Square	ALL	98.83%	428	97.38%	420
Upper West	3	100.00%	84	100.00%	68
Upper West	4	100.00%	88	100.00%	75
Upper West	5	97.12%	139	97.12%	139
Upper West	6	94.38%	89	93.33%	90
Upper West	7	98.18%	55	98.18%	55
Upper West	8	n/a	n/a	n/a	n/a
Upper West	ALL	97.80%	455	91.83%	453
Washington Heights	3	100.00%	85	97.56%	82
Washington Heights	4	100.00%	100	100.00%	97
Washington Heights	ALL	100.00%	185	98.88%	179
Williamsburg	3	100.00%	64	100.00%	58
Williamsburg	4	100.00%	71	100.00%	66
Williamsburg	ALL	100.00%	135	100.00%	124

Goal 2: Absolute Measure

Each year, the school's aggregate Performance Index ("PI") on the state mathematics exam will meet that year's state Measure of Interim Progress ("MIP") set forth in the state's ESSA accountability system.

METHOD

In New York State, ESSA school performance goals are met by showing that an absolute proportion of a school's students who have taken the mathematics test have scored at the partially proficient, or proficient and advanced performance levels (Levels 2 or 3 & 4). The percentage of students at each of these three levels is used to calculate a PI and determine if the school has met the MIP set each year by the state's ESSA accountability system. To achieve this measure, all tested students must have a PI value that equals or exceeds the state's 2018-19 mathematics MIP for all students of 107. The PI is the sum of the percent of students in all tested grades combined scoring at Level 2,

plus two times the percent of students scoring at Level 3, plus two-and-a-half times the percent of students scoring at Level 4. Thus, the highest possible PI is 250.

RESULTS AND EVALUATION

Each SA charter met this goal. See below:

School	Number in Cohort	Percent of Students at Each Performance Level			
		L1	L2	L3	L4
Bed-Stuy 1	454	0.49%	1.22%	15.65%	82.64%
Bed-Stuy 2	125	0.00%	1.60%	15.20%	83.20%
Bensonhurst	163	0.00%	0.00%	6.79%	93.21%
Bergen Beach	235	0.00%	0.43%	8.51%	91.06%
Bronx 1	300	0.00%	2.01%	14.72%	83.28%
Bronx 2	463	0.24%	0.73%	9.27%	89.76%
Bronx 3	350	0.86%	4.00%	21.71%	73.43%
Bronx 4	173	0.00%	0.58%	25.00%	74.42%
Bushwick	50	0.00%	0.00%	26.53%	73.47%
Cobble Hill	131	0.00%	0.00%	10.77%	89.23%
Crown Heights	359	0.56%	0.84%	7.54%	91.06%
Far Rockaway	82	0.00%	6.10%	37.80%	56.10%
Flatbush	47	0.00%	0.00%	12.77%	87.23%
Fort Greene	112	0.00%	0.00%	19.09%	80.91%
Harlem 1	464	0.48%	1.93%	16.91%	80.68%
Harlem 2	392	0.00%	1.29%	14.56%	84.14%
Harlem 3	627	0.19%	0.39%	5.83%	93.59%
Harlem 4	155	0.00%	0.65%	8.39%	90.97%
Harlem 5	465	0.00%	0.23%	10.26%	89.51%
Hell's Kitchen	172	0.00%	0.58%	15.79%	83.63%

Prospect Heights	350		0.00%		0.57%		12.32%		87.11%
Rosedale	164		0.00%		1.23%		12.35%		86.42%
South Jamaica	52		0.00%		0.00%		21.15%		78.85%
Springfield Gardens	304		0.33%		5.32%		25.25%		69.10%
Union Square	435		0.23%		0.93%		8.41%		90.42%
Upper West	482		0.44%		1.76%		8.35%		89.45%
Washington Heights	187		0.00%		0.00%		5.41%		94.59%
Williamsburg	135		0.00%		0.00%		10.37%		89.63%

School								
Bed-Stuy 1	PI	=	1	+	31	+	207	=	239
Bed-Stuy 2	PI	=	2	+	30	+	208	=	240
Bensonhurst	PI	=	0	+	14	+	233	=	247
Bergen Beach	PI	=	0	+	17	+	228	=	245
Bronx 1	PI	=	2	+	29	+	208	=	240
Bronx 2	PI	=	1	+	19	+	224	=	244
Bronx 3	PI	=	4	+	43	+	184	=	231
Bronx 4	PI	=	1	+	50	+	186	=	237
Bushwick	PI	=	0	+	53	+	184	=	237
Cobble Hill	PI	=	0	+	22	+	223	=	245
Crown Heights	PI	=	1	+	15	+	228	=	244
Far Rockaway	PI	=	6	+	76	+	140	=	222
Flatbush	PI	=	0	+	26	+	218	=	244
Fort Greene	PI	=	0	+	38	+	202	=	240
Harlem 1	PI	=	2	+	34	+	202	=	237
Harlem 2	PI	=	1	+	29	+	210	=	241

Harlem 3	PI	=	0	+	12	+	234	=	246
Harlem 4	PI	=	1	+	17	+	227	=	245
Harlem 5	PI	=	0	+	21	+	224	=	245
Hell's Kitchen	PI	=	1	+	32	+	209	=	241
Prospect Heights	PI	=	1	+	25	+	218	=	243
Rosedale	PI	=	1	+	25	+	216	=	242
South Jamaica	PI	=	0	+	42	+	197	=	239
Springfield Gardens	PI	=	5	+	50	+	173	=	229
Union Square	PI	=	1	+	17	+	226	=	244
Upper West	PI	=	2	+	17	+	224	=	242
Washington Heights	PI	=	0	+	11	+	236	=	247
Williamsburg	PI	=	0	+	21	+	224	=	245

Goal 2: Comparative Measure

Each year, the percent of all tested students who are enrolled in at least their second year and performing at proficiency on the state mathematics exam will be greater than that of all students in the same tested grades in the school district of comparison.

METHOD

A school compares the performance of tested students enrolled in at least their second year to that of all tested students in the public school district of comparison. Comparisons are between the results for each grade in which the school had tested students in at least their second year at the school and the total result for all students at the corresponding grades in the school district.[4]

RESULTS AND EVALUATION

Each SA charter met this goal. See below:

2018-19 State Mathematics Exam

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[4] Schools can acquire these data when the New York State Education Department releases its database containing grade level ELA and math test results for all schools and districts statewide. The NYSED announces the release of the data on its News Release webpage.

			Percent of Students at or Above Proficiency			
			Charter School Students In At Least 2nd Year		All District Students	
School	Grade	District	Percent Proficient (2+)	Number Tested (2+)	Percent Proficient (District)	Number Tested (District)
Bed-Stuy 1	3	14	100.00%	78	50.64%	1098
Bed-Stuy 1	4	14	98.44%	64	51.83%	1067
Bed-Stuy 1	5	14	96.04%	101	40.36%	1068
Bed-Stuy 1	6	14	100.00%	88	36.61%	1109
Bed-Stuy 1	7	14	97.40%	77	35.32%	1008
Bed-Stuy 1	8	14	n/a	n/a	20.35%	634
Bed-Stuy 1	ALL	14	88.52%	453	40.63%	5984
Bed-Stuy 2	3	14	97.18%	71	50.64%	1098
Bed-Stuy 2	4	14	100.00%	40	51.83%	1067
Bed-Stuy 2	ALL	14	98.20%	111	51.22%	2165
Bensonhurst	3	21	100.00%	80	60.62%	2143
Bensonhurst	4	21	98.53%	68	55.92%	2248
Bensonhurst	ALL	21	99.32%	148	58.21%	4391
Bergen Beach	3	22	100.00%	64	57.86%	2660
Bergen Beach	4	22	98.15%	54	54.49%	2784
Bergen Beach	5	22	100.00%	97	49.93%	2740
Bergen Beach	ALL	22	99.53%	215	54.06%	8184
Bronx 1	3	7	98.28%	58	34.56%	1224
Bronx 1	4	7	97.73%	44	29.30%	1266
Bronx 1	5	7	97.27%	110	27.06%	1212
Bronx 1	6	7	98.48%	66	25.70%	1136

Bronx 1	ALL	7	97.84%	278	29.23%	4838
Bronx 2	3	9	95.35%	86	35.74%	2577
Bronx 2	4	9	100.00%	77	31.53%	2572
Bronx 2	5	9	100.00%	101	29.31%	2641
Bronx 2	6	9	100.00%	61	24.62%	2535
Bronx 2	7	9	100.00%	57	23.91%	2635
Bronx 2	8	9	n/a	n/a	22.41%	2311
Bronx 2	ALL	9	86.90%	435	28.01%	15271
Bronx 3	3	9	100.00%	73	35.74%	2577
Bronx 3	4	9	98.63%	73	31.53%	2572
Bronx 3	5	9	91.13%	124	29.31%	2641
Bronx 3	6	9	98.21%	56	24.62%	2535
Bronx 3	ALL	9	96.01%	326	30.31%	10325
Bronx 4	3	8	100.00%	75	43.61%	2034
Bronx 4	4	8	97.70%	87	36.04%	2145
Bronx 4	ALL	8	98.77%	162	39.72%	4179
Bushwick	3	32	100.00%	41	39.32%	768
Bushwick	ALL	32	100.00%	41	39.32%	768
Cobble Hill	3	15	100.00%	60	66.15%	2520
Cobble Hill	4	15	100.00%	58	59.96%	2555
Cobble Hill	ALL	15	100.00%	118	63.03%	5075
Crown Heights	3	17	100.00%	84	50.28%	1243
Crown Heights	4	17	100.00%	73	41.85%	1393
Crown Heights	5	17	95.50%	111	34.37%	1353
Crown Heights	6	17	100.00%	82	38.75%	1556
Crown Heights	ALL	17	98.57%	350	41.05%	5545
Far Rockaway	3	27	96.00%	75	55.14%	3261
Far Rockaway	ALL	27	96.00%	75	55.14%	3261

Flatbush	3	17	100.00%	44	50.28%	1243
Flatbush	ALL	17	100.00%	44	50.28%	1243
Fort Greene	3	13	100.00%	63	53.81%	892
Fort Greene	4	13	95.24%	42	48.63%	985
Fort Greene	ALL	13	98.10%	105	51.09%	1877
Harlem 1	3	3	100.00%	76	67.45%	1370
Harlem 1	4	3	94.51%	91	67.29%	1284
Harlem 1	5	3	98.86%	88	59.80%	1286
Harlem 1	6	3	96.25%	80	58.05%	1373
Harlem 1	7	3	100.00%	63	58.40%	1303
Harlem 1	8	3	n/a	n/a	30.52%	439
Harlem 1	ALL	3	86.83%	448	60.23%	7055
Harlem 2	3	5	98.46%	65	33.02%	745
Harlem 2	4	5	100.00%	59	27.82%	798
Harlem 2	5	5	98.61%	72	25.47%	797
Harlem 2	6	5	96.97%	33	31.02%	719
Harlem 2	7	5	100.00%	54	19.90%	779
Harlem 2	8	5	n/a	n/a	12.20%	590
Harlem 2	ALL	5	77.13%	363	25.32%	4428
Harlem 3	3	4	100.00%	67	48.51%	837
Harlem 3	4	4	100.00%	77	38.45%	892
Harlem 3	5	4	98.43%	127	34.75%	869
Harlem 3	6	4	100.00%	99	39.30%	888
Harlem 3	7	4	99.23%	130	32.01%	884
Harlem 3	8	4	n/a	n/a	21.19%	486
Harlem 3	ALL	4	81.34%	611	36.78%	4856
Harlem 4	3	3	100.00%	70	67.45%	1370
Harlem 4	4	3	98.46%	65	67.29%	1284

Harlem 4	ALL	3	99.26%	135	67.37%	2654
Harlem 5	3	5	100.00%	76	33.02%	745
Harlem 5	4	5	100.00%	62	27.82%	798
Harlem 5	5	5	100.00%	111	25.47%	797
Harlem 5	6	5	99.02%	102	31.02%	719
Harlem 5	7	5	98.21%	56	19.90%	779
Harlem 5	8	5	n/a	n/a	12.20%	590
Harlem 5	ALL	5	91.84%	441	25.32%	4428
Hell's Kitchen	3	2	98.68%	76	81.36%	2655
Hell's Kitchen	4	2	100.00%	75	77.32%	2623
Hell's Kitchen	ALL	2	99.34%	151	79.35%	5278
Prospect Heights	3	17	96.49%	57	50.28%	1243
Prospect Heights	4	17	100.00%	39	41.85%	1393
Prospect Heights	5	14	99.31%	145	40.36%	1068
Prospect Heights	6	14	100.00%	72	36.61%	1109
Prospect Heights	7	14	100.00%	19	35.32%	1008
Prospect Heights	ALL	14 + 17	99.10%	332	41.25%	5821
Rosedale	3	29	98.48%	66	45.73%	2189
Rosedale	4	29	97.53%	81	38.90%	2198
Rosedale	ALL	29	97.96%	147	42.31%	4387
South Jamaica	3	27	100.00%	43	55.14%	3261
South Jamaica	ALL	27	100.00%	43	55.14%	3261
Springfield Gardens	3	29	93.42%	76	45.73%	2189
Springfield Gardens	4	29	92.05%	88	38.90%	2198
Springfield Gardens	5	29	95.58%	113	37.13%	2311
Springfield Gardens	ALL	29	93.86%	277	40.52%	6698
Union Square	3	2	97.67%	86	81.36%	2655
Union Square	4	2	97.65%	85	77.32%	2623

Union Square	5	2	100.00%	114	75.23%	2592
Union Square	6	2	93.88%	98	73.96%	2657
Union Square	7	2	97.30%	37	74.37%	2552
Union Square	ALL	2	97.38%	420	76.47%	13079
Upper West	3	3	100.00%	68	67.45%	1370
Upper West	4	3	100.00%	75	67.29%	1284
Upper West	5	2	97.12%	139	75.23%	2592
Upper West	6	2	93.33%	90	73.96%	2657
Upper West	7	2	98.18%	55	74.37%	2552
Upper West	8	2	n/a	n/a	56.20%	1331
Upper West	ALL	2 + 3	91.83%	453	70.84%	11786
Washington Heights	3	6	97.56%	82	48.49%	1623
Washington Heights	4	6	100.00%	97	38.68%	1763
Washington Heights	ALL	6	98.88%	179	43.38%	3386
Williamsburg	3	14	100.00%	58	50.64%	1098
Williamsburg	4	14	100.00%	66	51.83%	1067
Williamsburg	ALL	14	100.00%	124	51.22%	2165

Goal 2: Comparative Measure

Each year, the school will exceed its predicted level of performance on the state mathematics exam by an Effect Size of 0.3 or above (performing higher than expected to a meaningful degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State.

METHOD

The Institute conducts a Comparative Performance Analysis, which compares the school's performance to that of demographically similar public schools statewide. The Institute uses a regression analysis to control for the percentage of economically disadvantaged students among all public schools in New York State.   The Institute compares the school's actual performance to the predicted performance of public schools with a similar concentration of economically disadvantaged students. The difference between the school's actual and predicted performance, relative to other schools with similar economically disadvantaged statistics, produces an Effect Size.

An Effect Size of 0.3, or performing higher than expected to a meaningful degree, is the requirement for achieving this measure.

Given the timing of the state's release of economically disadvantaged data and the demands of the data analysis, the 2018-19 analysis is not yet available. This report contains 2017-18 results, the most recent Comparative Performance Analysis available.

RESULTS AND EVALUATION

Each SA charter met this goal, with a Comparative Performance of "Higher than expected to a large degree." See chart above under the ELA - Effect Size Measure.

Goal 2: Growth Measure[5]

Each year, under the state's Growth Model, the school's mean unadjusted growth percentile in mathematics for all tested students in grades 4-8 will be above the target of 50.

METHOD

This measure examines the change in performance of the same group of students from one year to the next and the progress they are making in comparison to other students with the same score in the previous year. The analysis only includes students who took the state exam in 2017-18 and also have a state exam score in 2016-17 including students who were retained in the same grade. Students with the same 2016-17 scores are ranked by their 2017-18 scores and assigned a percentile based on their relative growth in performance (student growth percentile). Students' growth percentiles are aggregated school-wide to yield a school's mean growth percentile. In order for a school to meet the measure, the school would have to achieve a mean growth percentile above the target of 50.

Given the timing of the state's release of Growth Model data, the 2018-19 analysis is not yet available. This report contains 2017-18 results, the most recent Growth Model data available.[6]

RESULTS AND EVALUATION

Most SA charters met this goal. Some SA charters did not, but only because they were starting from such high performance in prior years that there was little room for growth. See chart above under the ELA - Effect Size Measure.

SUMMARY OF THE MATHEMATICS GOAL

Type	Measure	Outcome

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[5] See Guidelines for Creating a SUNY Accountability Plan for an explanation.

[6] Schools can acquire these data from the NYSED's business portal: portal.nysed.gov.

Absolute	Each year, 75 percent of all tested students who are enrolled in at least their second year will perform at proficiency on the New York State mathematics exam for grades 3-8.	Achieved
Absolute	Each year, the school's aggregate PI on the state's English language arts exam will meet that year's state MIP as set forth in the state's ESSA accountability system.	Achieved
Comparative	Each year, the percent of all tested students who are enrolled in at least their second year and performing at proficiency on the state mathematics exam will be greater than that of students in the same tested grades in the school district of comparison.	Achieved
Comparative	Each year, the school will exceed its predicted level of performance on the state mathematics exam by an Effect Size of 0.3 or above (performing higher than expected to a small degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State. (Using 2017-18 results.)	Achieved
Growth	Each year, under the state's Growth Model the school's mean unadjusted growth percentile in mathematics for all tested students in grades 4-8 will be above the target of 50. (Using the 2017-18 results.)	Varies

ACTION PLAN

Despite impressive state math test results, SA is looking to make the following improvements to the math program:

- More effectively guide students to move away from invented strategies for solving problems, which can sometimes be laborious, towards more efficient strategies that improve accuracy;
- Improve the pacing calendar for math instruction so that teachers have time to teach oft-overlooked skills like fractions.

GOAL 3: SCIENCE

Goal 3: Science

Students will understand and apply scientific principles at a proficient level.

BACKGROUND

The school's curriculum is unique in its attention to science, including unprecedented daily instruction. The school uses a discovery-based, experiential approach to science, guided by the most influential authorities on elementary science education today, the American Association for the Advancement of Science Benchmarks and the National Resource Council National Science Education Standards. Taught by specialized science teachers, students have hands-on experience with objects, materials, and organisms to understand the natural world. The curriculum provides students with a solid foundation in discovery-based science to ensure that they can excel in middle and high school science classes.

Goal 3: Absolute Measure

Each year, 75 percent of all tested students enrolled in at least their second year will perform at or above proficiency on the New York State science examination.

METHOD

The school administered the New York State Testing Program science assessment to students in spring 2019. The school converted each student's raw score to a performance level and a grade-specific scaled score. The criterion for success on this measure requires students enrolled in at least their second year to score at proficiency.

RESULTS AND EVALUATION

Each SA charter met this goal. See below:

		Performance on 2018-19 State Science Exam			
		By All Students and Students Enrolled in At Least Their Second Year			
		All Students		Enrolled in at least their Second Year	
School	Grade	Percent Proficient (All)	Number Tested (All)	Percent Proficient (2+)	Number Tested (2+)
Bed-Stuy 1	4	100.00%	65	100.00%	64
Bed-Stuy 1	8	100.00%	45	100.00%	45
Bed-Stuy 1	ALL	100.00%	110	100.00%	109
Bed-Stuy 2	4	100.00%	46	100.00%	40
Bed-Stuy 2	ALL	100.00%	46	100.00%	40
Bensonhurst	4	100.00%	75	100.00%	67
Bensonhurst	ALL	100.00%	75	100.00%	67
Bergen Beach	4	100.00%	56	100.00%	54
Bergen Beach	ALL	100.00%	56	100.00%	54
Bronx 1	4	100.00%	50	100.00%	44
Bronx 1	ALL	100.00%	50	100.00%	44
Bronx 2	4	100.00%	84	100.00%	76
Bronx 2	8	100.00%	53	100.00%	53
Bronx 2	ALL	100.00%	137	100.00%	129

Bronx 3	4	100.00%	78	100.00%	73
Bronx 3	ALL	100.00%	78	100.00%	73
Bronx 4	4	100.00%	88	100.00%	85
Bronx 4	ALL	100.00%	88	100.00%	85
Cobble Hill	4	100.00%	59	100.00%	58
Cobble Hill	ALL	100.00%	59	100.00%	58
Crown Heights	4	100.00%	75	100.00%	73
Crown Heights	ALL	100.00%	75	100.00%	73
Fort Greene	4	100.00%	42	100.00%	40
Fort Greene	ALL	100.00%	42	100.00%	40
Harlem 1	4	100.00%	100	100.00%	91
Harlem 1	8	100.00%	49	100.00%	49
Harlem 1	ALL	100.00%	149	100.00%	140
Harlem 2	4	100.00%	68	100.00%	59
Harlem 2	8	96.20%	79	96.20%	79
Harlem 2	ALL	97.96%	147	97.83%	138
Harlem 3	4	100.00%	79	100.00%	77
Harlem 3	8	100.00%	110	100.00%	110
Harlem 3	ALL	100.00%	189	100.00%	187
Harlem 4	4	100.00%	73	100.00%	65
Harlem 4	ALL	100.00%	73	100.00%	65
Harlem 5	4	100.00%	70	100.00%	62
Harlem 5	8	100.00%	31	100.00%	31
Harlem 5	ALL	100.00%	101	100.00%	93
Hell's Kitchen	4	100.00%	83	100.00%	75
Hell's Kitchen	ALL	100.00%	83	100.00%	75
Prospect Heights	4	100.00%	43	100.00%	39
Prospect Heights	ALL	100.00%	43	100.00%	39
Rosedale	4	100.00%	84	100.00%	81
Rosedale	ALL	100.00%	84	100.00%	81

Springfield Gardens	4	100.00%	94	100.00%	88
Springfield Gardens	ALL	100.00%	94	100.00%	88
Union Square	4	100.00%	90	100.00%	85
Union Square	ALL	100.00%	90	100.00%	85
Upper West	4	100.00%	86	100.00%	74
Upper West	8	100.00%	27	100.00%	27
Upper West	ALL	100.00%	113	100.00%	101
Washington Heights	4	100.00%	100	100.00%	96
Washington Heights	ALL	100.00%	100	100.00%	96
Williamsburg	4	100.00%	71	100.00%	66
Williamsburg	ALL	100.00%	71	100.00%	66

Goal 3: Comparative Measure

Each year, the percent of all tested students enrolled in at least their second year and performing at proficiency on the state science exam will be greater than that of all students in the same tested grades in the school district of comparison.

METHOD

The school compares tested students enrolled in at least their second year to all tested students in the public school district of comparison. Comparisons are between the results for each grade in which the school had tested students in at least their second year and the results for the respective grades in the school district of comparison. Given the timing of the state's release of district science data, the 2018-19 comparative data may not yet be available. If not, schools should report comparison to the district's **2017-18** data.

RESULTS AND EVALUATION

SA demonstrated an extremely high overall proficiency rate. Proficiency rates for the local district's 2018-19 New York State Testing Program Science Exam will not be available until spring 2020, but SA likely met this goal.

SUMMARY OF THE SCIENCE GOAL

Type	Measure	Outcome
Absolute	Each year, 75 percent of all tested students enrolled in at least their second year will perform at or above proficiency on the New York State examination.	Achieved
Comparative	Each year, the percent of all tested students enrolled in at least their second year and performing at proficiency on the	Likely Achieved

	state exam will be greater than that of all students in the same tested grades in the school district of comparison.	

ACTION PLAN

SA will continue offering discovery-based science to all students five days a week. Results from state science tests show that SA's focus on science is paying considerable dividends.

GOAL 4: ESSA

Goal 4: ESSA

The school will make Adequate Yearly Progress.

Goal 4: Absolute Measure

Under the state's ESSA accountability system, the school is in good standing: the state has not identified the school for comprehensive or targeted improvement.

METHOD

Because *all* students are expected to meet the state's performance standards, the federal statute stipulates that various sub-populations and demographic categories of students among all tested students must meet the state standard in and of themselves aside from the overall school results. As New York State, like all states, is required to establish a specific system for making these determinations for its public schools, charter schools do not have latitude in establishing their own performance levels or criteria of success for meeting the ESSA accountability requirements. Each year, the state issues School Report Cards that indicate a school's status under the state accountability system.

RESULTS AND EVALUATION

Each SA charter was in "Good Standing" under ESSA for 2018-19.