

The New York State Report Card 2011–12 School HIGH SCHOOL MATH SCIENCE AND ENGINEERING AT CCNY School ID 31-05-00-01-1692 District NEW YORK CITY GEOGRAPHIC DISTRICT # 5 Principal CRYSTAL BONDS Telephone (212) 281-6490 Grades 9-12

The New York State Report Card is an important part of the Board of Regents' effort to raise learning standards for all students. It provides information to the public on school/district enrollment and staff, student performance, and other measures of school and district performance. Knowledge gained from the report card on a school's or district's strengths and weaknesses can be used to improve instruction and services to students.

State assessments are designed to help ensure that all students reach high learning standards. They show whether students are getting the knowledge and skills they need to succeed at the elementary, middle, and commencement levels and beyond. The State requires that students who are not making appropriate progress toward the standards receive academic supports.

# This report includes:

### **1** Profile

This section shows comprehensive data relevant to this school's or district's learning environment, including information about enrollment, attendance and suspensions, and staff.

### **2** Student Performance

This section shows student performance on standardized assessments at the elementary, middle, and commencement levels.

### **3** Student Outcomes

This section shows outcomes for graduates and noncompleters, including postgraduation plans of completers.

For more information: Office of Information and Reporting Services New York State Education Department Room 863 EBA Albany, NY 12234 Email: dataquest@mail.nysed.gov

# 1 **Profile**

School HIGH SCHOOL MATH SCIENCE AND ENGINEERING AT CCNY School ID 31-05-00-01-1692

# Enrollment

	2009-10	2010-11	2011-12
Pre-K	0	0	
Kindergarten	0	0	0
Grade 1	0	0	0
Grade 2	0	0	0
Grade 3	0	0	0
Grade 4	0	0	0
Grade 5	0	0	0
Grade 6	0	0	0
Ungraded Elementary	0	0	0
Grade 7	0	0	0
Grade 8	0	0	0
Grade 9	98	99	117
Grade 10	108	93	96
Grade 11	113	104	95
Grade 12	105	111	98
Ungraded Secondary	0	0	0
Total K-12	424	407	406

# **Average Class Size**

	2009–10	2010-11	2011-12
Common Branch			
Grade 8			
English			
Mathematics			
Science			
Social Studies			
Grade 10			
English	23	24	24
Mathematics	27	23	24
Science	22	26	20
Social Studies	23	23	24

District NEW YORK CITY GEOGRAPHIC DISTRICT # 5

## **Enrollment Information**

*Enrollment* counts are as of Basic Educational Data System (BEDS) day, which is typically the first Wednesday of October of the school year. Students who attend BOCES programs on a part-time basis are included in a school's and district's enrollment. Students who attend BOCES on a full-time basis or who are placed full time by the district in an out-of-district placement are not included in a school's or district's enrollment. The state public enrollment includes public school districts, charter schools, and NYSED-operated programs. Students classified by districts as "pre-first" are included in first grade counts. Kindergarten and Pre-K counts include halfand full-day students.

# Average Class Size Information

Average Class Size is the total registration in specified classes divided by the number of those classes with registration. Common Branch refers to self-contained classes in Grades 1–6.

# 1 Profile

School HIGH SCHOOL MATH SCIENCE AND ENGINEERING AT CCNY School ID 31-05-00-01-1692

# **Demographic Factors**

	2009-10		20:	10-11	2011-12		
	#	%	#	%	#	%	
Eligible for Free Lunch	72	17%	76	19%	145	36%	
Reduced Price Lunch	62	15%	34	8%	32	8%	
Limited English Proficient	0	0%	0	0%	0	0%	
Racial/Ethnic Origin							
American Indian or Alaska Native	1	0%	2	0%	2	0%	
Black or African American	68	16%	75	18%	60	15%	
Hispanic or Latino	138	33%	99	24%	86	21%	
Asian or Native Hawaiian/Other Pacific Islander	115	27%	130	32%	148	36%	
White	102	24%	101	25%	106	26%	
Multiracial	0	0%	0	0%	4	1%	

## **Attendance and Suspensions**

	2008	2008–09		9–10	2010-11		
	#	%	#	%	#	%	
Annual Attendance Rate		0%		94%		94%	
Student Suspensions	0	0%	2	0%	10	2%	

District NEW YORK CITY GEOGRAPHIC DISTRICT # 5

## Demographic Factors Information

*Eligible for Free Lunch* and *Reduced-Price Lunch* percentages are determined by dividing the number of approved lunch applicants by the Basic Educational Data System (BEDS) enrollment in full-day Kindergarten through Grade 12.

## Attendance and Suspensions Information

Annual Attendance Rate is determined by dividing the school's (or district's) total actual attendance by the total possible attendance for a school year. A school's (or district's) actual attendance is the sum of the number of students in attendance on each day the school (or district's schools) was open during the school year. Possible attendance is the sum of the number of enrolled students who should have been in attendance on each day the school (or schools) was open during the school year. The state's Annual Attendance Rate is a weighted average of all districtlevel attendance rates.

Student Suspension rate is determined by dividing the number of students who were suspended from school (not including inschool suspensions) for one full day or longer anytime during the school year by the Basic Educational Data System (BEDS) day enrollments for that school year. A student is counted only once, regardless of whether the student was suspended one or more times during the school year.

# **Teacher Qualifications**

	2009–10	2010-11	2011-12
Total Number of Teachers	38	34	35
Percent with No Valid Teaching Certificate	0%	0%	0%
Percent Teaching Out of Certification	8%	9%	0%
Percent with Fewer than Three Years of Experience	3%	0%	3%
Percentage with Master's Degree Plus 30 Hours or Doctorate	53%	59%	60%
Total Number of Core Classes	154	138	124
Percent Not Taught by Highly Qualified Teachers in This School*	9%	7%	0%
Percent Not Taught by Highly Qualified Teachers in This District**	10%	8%	7%
Percent Not Taught by Highly Qualified Teachers in High-Poverty Schools Statewide	6%	5%	4%
Percent Not Taught by Highly Qualified Teachers in Low-Poverty Schools Statewide	1%	0%	1%
Total Number of Classes	172	157	139
Percent Taught by Teachers Without Appropriate Certification	13%	6%	3%

\*Not available at the district or statewide level.

\*\*Not available for charter schools or at the statewide level.

# **Teacher Turnover Rate**

	2008–09	2009–10	2010-11
Turnover Rate of Teachers with Fewer than Five Years of Experience	7%	29%	0%
Turnover Rate of All Teachers	5%	11%	6%

# **Staff Counts**

	2009–10	2010-11	2011-12
Total Other Professional Staff	2	2	2
Total Paraprofessionals*	N/A	N/A	N/A
Assistant Principals	3	3	3
Principals	1	1	1

\*Not available at the school level.

District NEW YORK CITY GEOGRAPHIC DISTRICT # 5

## Teacher Qualifications Information

The *Percent Teaching Out of Certification* for public schools is the percent doing so on more than an incidental basis; that is, the percent teaching for more than five periods per week outside certification.

Core Classes are primarily K–6 common branch, English, mathematics, science, social studies, art, music, and foreign languages. To be *Highly Qualified*, a teacher must have at least a Bachelor's degree, be certified to teach in the subject area or otherwise in accordance with state standards, and show subject matter competency.

In public schools, a teacher who taught one class outside of the certification area(s) is counted as *Highly Qualified* provided that 1) the teacher had been determined by the school or district through the HOUSSE process or other state-accepted methods to have demonstrated acceptable subject knowledge and teaching skills and 2) the class in question was not the sole assignment reported. Credit for incidental teaching does not extend beyond a single assignment. Independent of *Highly Qualified Teacher* status, any assignment for which a teacher did not hold a valid certificate still registers as teaching out of certification.

In charter schools, a teacher is counted as *Highly Qualified* if the teacher has at least a Bachelor's degree, is certified to teach, and shows subject matter competency. Enabling legislation considers charter school teachers to be certified if they hold any valid teaching certificate. Enabling legislation also permits up to 30 percent (with a maximum of five) of charter school teachers to be without certification and to be considered *Highly Qualified* if they meet all remaining criteria.

*High-poverty* and *low-poverty* schools are those schools in the upper and lower quartiles, respectively, for percentage of students eligible for a free or reduced-price lunch.

### Teacher Turnover Rate Information

*Teacher Turnover Rate* for a specified school year is the number of teachers in that school year who were not teaching in the following school year divided by the number of teachers in the specified school year, expressed as a percentage.

### **Staff Counts Information**

Other Professionals includes administrators, guidance counselors, school nurses, psychologists, and other professionals who devote more than half of their time to nonteaching duties.

# 2 Student Performance

School HIGH SCHOOL MATH SCIENCE AND ENGINEERING AT CCNY School ID 31-05-00-01-1692 District NEW YORK CITY GEOGRAPHIC DISTRICT # 5

This section contains annual assessment data for students at the elementary, middle, and commencement levels as well as the performance of secondary-level cohorts on standardized achievement assessments.

#### New York State Testing Program (NYSTP) Assessments

The New York State Testing Program assessments are administered in English language arts (ELA) and mathematics in grades 3 through 8. The Performance Level Descriptors for these assessments are provided below:

#### **English Language Arts**

Level 1: Below Standard

Student performance does not demonstrate an understanding of the English language arts knowledge and skills expected at this grade level.

#### Level 2: Meets Basic Standard

Student performance demonstrates a partial understanding of the English language arts knowledge and skills expected at this grade level. **Level 3: Meets Proficiency Standard** 

Student performance demonstrates an understanding of the English language arts knowledge and skills expected at this grade level. Level 4: Exceeds Proficiency Standard

#### Level 4: Exceeds Proficiency Standard

Student performance demonstrates a thorough understanding of the English language arts knowledge and skills expected at this grade level.

#### **Mathematics**

Level 1: Below Standard

Student performance does not demonstrate an understanding of the mathematics content expected at this grade level.

Level 2: Meets Basic Standard

Student performance demonstrates a partial understanding of the mathematics content expected at this grade level.

Level 3: Meets Proficiency Standard

Student performance demonstrates an understanding of the mathematics content expected at this grade level.

#### Level 4: Exceeds Proficiency Standard

Student performance demonstrates a thorough understanding of the mathematics content expected at this grade level.

#### New York State Alternate Assessment (NYSAA)

The New York State Alternate Assessments are administered in English language arts (ELA) and mathematics to ungraded students with severe cognitive disabilities whose ages are equivalent to graded students in grades 3 through 8 and secondary level. They are administered in science to students with disabilities age equivalent to graded students in grades 4, 8, and secondary level. And they are administered in social studies at the secondary level only.

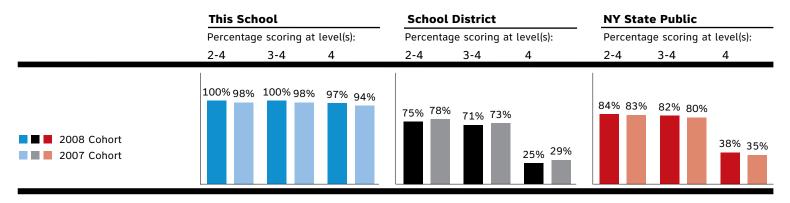
#### New York State English as a Second Language Achievement Tests (NYSESLAT)

The New York State English as a Second Language Achievement Tests are administered in grades K through 12 to limited English proficient students.

#### **Secondary-Level Cohorts**

A secondary-level cohort consists of all students who first entered grade 9 anywhere or, in the case of ungraded students with disabilities, reached their seventeenth birthday in a particular year. The 2008 cohort consists of all students who first entered grade 9 anywhere or, in the case of ungraded students with disabilities, reached their seventeenth birthday between July 1, 2008 and June 30, 2009. The 2007 cohort consists of all students who first entered grade 9 anywhere or, in the case of ungraded students of all students who first entered grade 9 anywhere or, in the case of ungraded students with disabilities, reached their seventeenth birthday between July 1, 2008 and June 30, 2009. The 2007 cohort consists of all students who first entered grade 9 anywhere or, in the case of ungraded students with disabilities, reached their seventeenth birthday between July 1, 2007 and June 30, 2008. For more detailed information on cohort definitions, see *Secondary-Level Cohort Definitions* at <a href="http://www.pl2.nysed.gov/irs/sirs/">http://www.pl2.nysed.gov/irs/sirs/</a>.

# **Total Cohort Results in Secondary-Level English Language Arts after Four Years of Instruction**



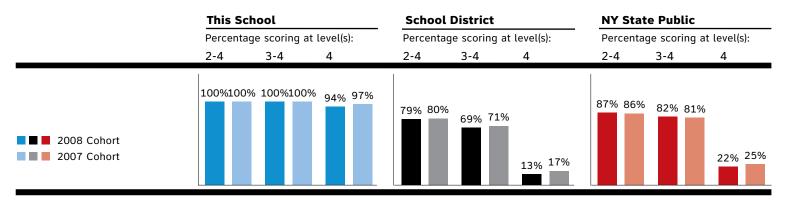
Decute by	2008 <b>Coho</b> r	t			2007 Cohort				
Results by	Number	Percent	tage scoring	at level(s):	Number	Percent	age scoring	at level(s):	
Student Group	of Students	2–4	3–4	4	of Students	2–4	3–4	4	
All Students	99	100%	100%	<b>97</b> %	111	98%	98%	94%	
Female	32	100%	100%	100%	38	100%	100%	97%	
Male	67	100%	100%	96%	73	97%	97%	92%	
American Indian or Alaska Native									
Black or African American	20	-			27	96%	96%	93%	
Hispanic or Latino	24	100%	100%	96%	31	97%	97%	94%	
Asian or Native Hawaiian/Other Pacific Islander	32	100%	100%	100%	29	100%	100%	93%	
White	22	100%	100%	100%	24	100%	100%	96%	
Multiracial	1	-	-	-					
Small Group Totals	21	100%	100%	90%					
General-Education Students	97	-	-	_	110	-	-	-	
Students with Disabilities	2	-	-	-	1	-	-	-	
English Proficient	99	100%	100%	97%	111	98%	98%	94%	
Limited English Proficient									
Economically Disadvantaged	45	100%	100%	93%	37	97%	97%	95%	
Not Disadvantaged	54	100%	100%	100%	74	99%	99%	93%	
Migrant									
Not Migrant	99	100%	100%	97%	111	98%	98%	94%	

#### NOTES

The – symbol indicates that data for a group of students have been suppressed. If a group has fewer than five students,

data for that group and the next smallest group(s) are suppressed to protect the privacy of individual students.

# **Total Cohort Results in Secondary-Level Mathematics after Four Years of Instruction**



Deculto by	2008 <b>Cohor</b>	t			2007 Cohort				
Results by	Number	Percent	tage scoring	at level(s):	Number	Percent	Percentage scoring at level(s):		
Student Group	of Students	2–4	3–4	4	of Students	2–4	3–4	4	
All Students	99	100%	100%	94%	111	100%	100%	97%	
Female	32	100%	100%	97%	38	100%	100%	95%	
Male	67	100%	100%	93%	73	100%	100%	99%	
American Indian or Alaska Native									
Black or African American	20	-		-	27	100%	100%	93%	
Hispanic or Latino	24	100%	100%	92%	31	100%	100%	97%	
Asian or Native Hawaiian/Other Pacific Islander	32	100%	100%	94%	29	100%	100%	100%	
White	22	100%	100%	100%	24	100%	100%	100%	
Multiracial	1	-	-	-					
Small Group Totals	21	100%	100%	90%					
General-Education Students	97	-	_	_	110	-	-	-	
Students with Disabilities	2	-	-	-	1	-	-	-	
English Proficient	99	100%	100%	94%	111	100%	100%	97%	
Limited English Proficient						•••••			
Economically Disadvantaged	45	100%	100%	93%	37	100%	100%	100%	
Not Disadvantaged	54	100%	100%	94%	74	100%	100%	96%	
Migrant									
Not Migrant	99	100%	100%	94%	111	100%	100%	97%	

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### 2008 Total Cohort Results in Secondary-Level Global History and Geography, U.S. History and Government, and Science after Four Years of Instruction

	All Stuc	All Students				General-Education Students				Students with Disabilities			
	Cohort Enrollment	sconing.		Cohort Enrollment	0			Cohort Enrollment	Percentage of students scoring:				
		55-64	65-84	85-100		55-64	65-84	85-100		55-64	65-84	85-100	Ī
Global History and Geography	99	0%	6%	94%	97	-	-		2	-	_	-	-
U.S. History and Government	99	0%	0%	98%	97	-	_		2	-	_	-	-
Science	99	0%	8%	92%	97	-	_		2	-	_	-	-

### New York State Alternate Assessments (NYSAA) 2011-12

	All Students								
	Total Tested		er of studen g at Level:	its					
Secondary Level		1	2	3	4				
English Language Arts	0								
Mathematics	0								
Social Studies	0								
Science	0								

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District NEW YORK CITY GEOGRAPHIC DISTRICT # 5

## **Regents Exams**

-		All Stu	dents			Genera	General-Education Students				Students with Disabilities			
		Total Percentage of students Tested scoring at or above:			Total Tested		age of stu at or abov		Total Tested		tage of st at or abo			
			55	65	85		55	65	85		55	65	85	
Comprehensive English	2011-12	95	100%	100%	94%	93	-	-	-	2	-	-	_	
	2010-11	102	100%	100%	88%	98	-	-	-	4	-	-	-	
	2009-10	214	100%	100%	96%	211	-	-	-	3	-	-	_	
Integrated Algebra	2011-12	108	100%	100%	94%	103	100%	100%	94%	5	100%	100%	100%	
	2010-11	91	100%	100%	84%	88	-	_	_	3	-	-	_	
	2009-10	91	100%	100%	89%	87	-	-	-	4	-	-	_	
Geometry	2011-12	113	100%	100%	66%	109	-	-	-	4	-	-	-	
	2010-11	98	99%	98%	60%	94	-	_	_	4	-	-	_	
	2009-10	98	100%	99%	70%	94	-	_	_	4	-	_	_	
Algebra 2/Trigonometry	2011-12	114	89%	74%	31%	112	-	_	_	2	-	-	-	
	2010-11	112	97%	91%	37%	108	-	-	-	4	-	-	-	
	2009-10	106	97%	93%	57%	104	-	-	-	2	-	-	-	
Global History and Geography	2011-12	93	100%	100%	92%	91	-	-	-	2	-	-	_	
	2010-11	94	100%	100%	90%	90	-	-	-	4	-	-	-	
	2009-10	104	100%	100%	93%	102	-	_	_	2	-	-	_	
U.S. History and Government	2011-12	89	100%	100%	99%	86	-	-	-	3	-	-	_	
	2010-11	104	100%	100%	100%	102	-	_	_	2	-	-	_	
	2009-10	105	100%	100%	96%	104	-	-	-	1	-	-	-	
Living Environment	2011-12	106	100%	100%	89%	102	-	-	-	4	-	-	-	
	2010-11	84	100%	100%	69%	81	-	-	—	3	-	-	-	
	2009-10	90	100%	100%	81%	86	-	_	_	4	-	-	_	
Physical Setting/Earth Science	2011-12	0				0				0				
	2010-11	0				0				0				
	2009-10	1	-	-	-	1	-	-	-	0	-	-	-	
Physical Setting/Chemistry	2011-12	85	100%	99%	54%	83	-	-	-	2	-	-	-	
	2010-11	105	99%	98%	41%	101	-	_	-	4	-	-	_	
	2009-10	107	100%	97%	40%	105	-	-	-	2	-	-	-	
Physical Setting/Physics	2011-12	91	97%	93%	52%	88	-	-	-	3	-	-	-	
	2010-11	98	97%	92%	50%	96	-	-	-	2	-	-	-	
	2009-10	109	99%	96%	60%	108	_	_	_	1	-	-	-	

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students, data for that group and the next smallest group(s) are suppressed to protect the privacy of individual students.

# New York State English as a Second Language Achievement Test (NYSESLAT)

		All Students			General-Education Students				Students with Disabilities							
		Total Tested	Percent of students scoring red in each performance level:				TotalPercent of students scoringTestedin each performance level:					TotalPercent of students scoringTestedin each performance level:				
			Begin.	Interm.	.vbA	Prof.		Begin.	Interm.	Adv.	Prof.		Begin.	Interm.	Adv.	Prof.
Listening and	2011-12	0					0					0				
Speaking (Grades K–1)	2010-11	0					0					0				
	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing (Grades K–1)	2010-11	0					0					0				
	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking (Grades 2–4)	2010-11	0					0					0				
	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing (Grades 2–4)	2010-11	0					0					0				
(Grades 2-4)	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking (Grades 5–6)	2010-11	0					0					0				
(Grades 5-0)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing (Grades 5–6)	2010-11	0					0					0				
(Grades 5-0)	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking (Grades 7–8)	2010-11	0					0					0				
	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing (Grades 7–8)	2010-11	0					0					0				
(Grades 7-6)	2009-10	0					0					0				
Listening and	2011-12	2	_	_	-	-	2	-	-	-	-	0				
Speaking (Grades 9–12)	2010-11	0					0					0				
	2009–10	0					0					0				
Reading and	2011-12	2	_	-	-	-	2	-	-	-	-	0				
Writing (Grades 9–12)	2010-11	0					0					0				
(Grades 5-12)	2009-10	0					0					0				

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District NEW YORK CITY GEOGRAPHIC DISTRICT # 5

## **High School Completers**

		All Students		General-Edu	cation Students	Students with Disabilities		
		Number of Students	Percentage of Graduates	Number of Students	Percentage of Graduates	Number of Students	Percentage of Graduates	
Total Graduates	2011-12	102		100		2		
	2010-11	110		109		1		
	2009-10	104		102		2		
Receiving a Regents	2011-12	102	100%	100	100%	2	100%	
Diploma	2010-11	110	100%	109	100%	1	100%	
	2009-10	104	100%	102	100%	2	100%	
Receiving a Regents	2011-12	86	84%	84	84%	2	100%	
Diploma with Advanced	2010-11	96	87%	95	87%	1	100%	
Designation	2009-10	93	89%	91	89%	2	100%	
Receiving an	2011-12	0		0		0		
Individualized Education	2010-11	0		0		0		
Program (IEP) Diploma	2009-10	0		0		0		

#### ΝΟΤΕ

Students receiving Regents diplomas and Regents diplomas with advanced designation are considered graduates; recipients of IEP diplomas are not.

### **High School Non-completers**

		All Student	s	General-Edu	cation Students	Students with Disabilities		
		Number of Students	Percentage of Students	Number of Students	Percentage of Students	Number of Students	Percentage of Students	
Dropped Out	2011-12	1	0%	1	0%	0	0%	
	2010-11	1	0%	1	0%	0	0%	
	2009-10	0	0%	0	0%	0	0%	
Entered Approved High	2011-12	0	0%	0	0%	0	0%	
School Equivalency	2010-11	0	0%	0	0%	0	0%	
Preparation Program	2009-10	0	0%	0	0%	0	0%	
Total Non-completers	2011-12	1	0%	1	0%	0	0%	
-	2010-11	1	0%	1	0%	0	0%	
	2009-10	0	0%	0	0%	0	0%	

### Post-secondary Plans of 2011–12 Completers

	All Student	s	General-Edu	cation Students	Students with Disabilities		
	Number of Students	Percentage of Students	Number of Students	Percentage of Students	Number of Students	Percentage of Students	
To 4-year College	98	96%	96	96%	2	100%	
To 2-year College	2	2%	2	2%	0	0%	
To Other Post-secondary	0	0%	0	0%	0	0%	
To the Military	0	0%	0	0%	0	0%	
To Employment	0	0%	0	0%	0	0%	
To Adult Services	0	0%	0	0%	0	0%	
To Other Known Plans	0	0%	0	0%	0	0%	
Plan Unknown	2	2%	2	2%	0	0%	