

School ACADEMY FOR CONSERVATION AND
THE ENVIRONMENT
School ID 33-18-00-01-1637
District NEW YORK CITY GEOGRAPHIC
DISTRICT #18
Principal EUGENE MAZZOLA
Telephone (718) 968-4101
Grades 9-12, US

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

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# **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	73	86	96
Grade 10	57	70	78
Grade 11	0	32	49
Grade 12	0	0	45
Ungraded Secondary	0	0	1
Total K-12	130	188	269

# **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**

	2009-10	2010-11	2011-12
Common Branch			
Grade 8			
English			
Mathematics			
Science			
Social Studies			
Grade 10			
English		25	38
Mathematics		28	
Science		20	36
Social Studies		23	30

# **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.

**Demographic Factors** 

	200	9-10	20:	10-11	201	L1-12
	#	%	#	%	#	%
Eligible for Free Lunch	92	71%	101	54%	164	61%
Reduced Price Lunch	10	8%	13	7%	20	7%
Limited English Proficient	6	5%	16	9%	19	7%
Racial/Ethnic Origin						
American Indian or Alaska Native	0	0%	0	0%	0	0%
Black or African American	103	79%	160	85%	230	86%
Hispanic or Latino	22	17%	22	12%	30	11%
Asian or Native Hawaiian/Other Pacific Islander	4	3%	3	2%	5	2%
White	1	1%	3	2%	4	1%
Multiracial	0	0%	0	0%	0	0%

**Attendance and Suspensions** 

	200	2008-09		9-10	2010-11		
	#	%	#	%	#	%	
Annual Attendance Rate		83%		83%		81%	
Student Suspensions	17	28%	30	23%	54	29%	

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# **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	11	18	17
Percent with No Valid Teaching Certificate	0%	6%	0%
Percent Teaching Out of Certification	18%	6%	0%
Percent with Fewer than Three Years of Experience	73%	44%	41%
Percentage with Master's Degree Plus 30 Hours or Doctorate	0%	11%	0%
Total Number of Core Classes	28	62	26
Percent Not Taught by Highly Qualified Teachers in This School*	14%	6%	0%
Percent Not Taught by Highly Qualified Teachers in This District**	8%	7%	5%
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	40	78	30
Percent Taught by Teachers Without Appropriate Certification	10%	5%	7%

<sup>\*</sup>Not available at the district or statewide level.

# **Teacher Turnover Rate**

	2008–09	2009-10	2010-11
Turnover Rate of Teachers with Fewer than Five Years of Experience	25%	44%	38%
Turnover Rate of All Teachers	20%	45%	35%

# Staff Counts

	2009-10	2010-11	2011-12
Total Other Professional Staff	2	1	1
Total Paraprofessionals*	N/A	N/A	N/A
Assistant Principals	0	1	1
Principals	1	1	1

<sup>\*</sup>Not available at the school level.

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# **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.

<sup>\*\*</sup>Not available for charter schools or at the statewide level.

# **2 Student Performance**

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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

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)

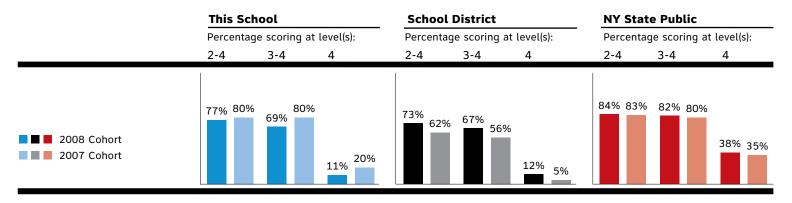
The New York State English as a Second Language Achievement Tests are administered in grades K through 12 to limited English proficient students.

## **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 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.p12.nysed.gov/irs/sirs/">http://www.p12.nysed.gov/irs/sirs/</a>.

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



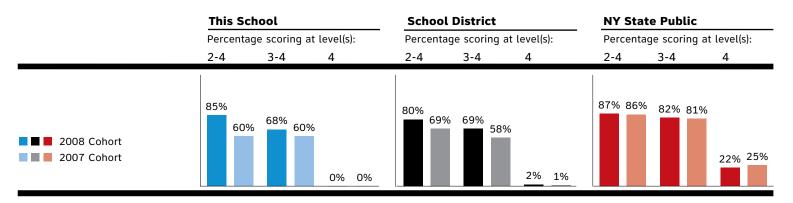
#### 2008 Cohort 2007 Cohort Results by Number Number Percentage scoring at level(s): Percentage scoring at level(s): Student Group of Students 2-4 3-4 of Students 2-4 3-4 77% 11% 80% 20% **All Students** 71 69% 5 80% 37 3 76% 65% 5% Female 34 79% 74% 18% 2 Male American Indian or Alaska Native ..... 5 60 80% 70% 12% 80% 80% 20% Black or African American 9 Hispanic or Latino Asian or Native Hawaiian/Other Pacific Islander Multiracial Small Group Totals 11 64% 64% 9% 54 87% 80% 15% 5 80% 80% 20% General-Education Students Students with Disabilities 17 47% 35% 0% 68 5 80% 80% 20% **English Proficient** 3 Limited English Proficient 2 **Economically Disadvantaged** 51 76% 69% 12% Not Disadvantaged 20 80% 70% 10% 3 Not Migrant 71 77% 69% 11% 5 80% 80% 20%

#### 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.

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



#### 2008 Cohort 2007 Cohort Results by Number Number Percentage scoring at level(s): Percentage scoring at level(s): Student Group of Students 2-4 of Students 2-4 4 3 - 43-4 0% 85% 0% **All Students** 71 68% 5 60% 60% 37 70% 3 89% 0% Female 0% 34 79% 2 Male 65% American Indian or Alaska Native ..... 5 60 87% 68% 0% 60% 60% 0% Black or African American 9 Hispanic or Latino Asian or Native Hawaiian/Other Pacific Islander Multiracial Small Group Totals 11 73% 64% 0% 0% 54 91% 74% 5 60% 60% 0% General-Education Students Students with Disabilities 17 65% 47% 0% 68 5 60% 60% 0% **English Proficient** 3 Limited English Proficient 2 **Economically Disadvantaged** 51 82% 71% 0% Not Disadvantaged 20 90% 60% 0% 3 Not Migrant 71 85% 68% 0% 5 60% 60% 0%

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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 Stud	lents			General	-Educatio	n Studen	ts	Students with Disabilities				
	Cohort Enrollment	Percent scoring:	age of stu	dents	Cohort Enrollment	Percentage of students scoring:				Percentage of students scoring:			
		55-64	65-84	85-100		55-64	65-84	85-100		55-64	65-84	85-100	
Global History and Geography	71	10%	48%	4%	54	6%	57%	6%	17	24%	18%	0%	
U.S. History and Government	71	8%	59%	0%	54	4%	72%	0%	17	24%	18%	0%	
Science	71	8%	65%	3%	54	6%	72%	4%	17	18%	41%	0%	

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

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

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# **Regents Exams**

		All Stu	dents			Genera	ıl-Educat	ion Stud	ents	Students with Disabilities					
		Total Tested	Percenta scoring	Percentage of students scoring at or above:				age of stu		Total Tested		age of stu at or abov			
			55	65	85		55	65	85		55	65	85		
Comprehensive English	2011-12	99	80%	70%	16%	85	87%	78%	19%	14	36%	21%	0%		
	2010-11	58	84%	62%	9%	45	89%	64%	11%	13	69%	54%	0%		
	2009-10	0				0				0					
Integrated Algebra	2011-12	156	62%	27%	0%	129	67%	29%	0%	27	41%	15%	0%		
	2010-11	93	54%	35%	1%	72	61%	43%	1%	21	29%	10%	0%		
	2009-10	89	55%	43%	0%	72	61%	47%	0%	17	29%	24%	0%		
Geometry	2011-12	52	29%	13%	0%	45	33%	16%	0%	7	0%	0%	0%		
	2010-11	0				0				0					
	2009-10	16	50%	19%	0%	14	_	_	_	2	_	_	_		
Algebra 2/Trigonometry	2011-12	25	0%	0%	0%	22	_	_	_	3	_	-	_		
	2010-11	0				0				0					
	2009-10	0				0				0					
Global History and Geography	2011-12	141	48%	26%	2%	114	54%	31%	3%	27	26%	7%	0%		
	2010-11	111	41%	23%	1%	90	44%	28%	1%	21	24%	5%	0%		
	2009-10	0				0				0					
U.S. History and Government	2011-12	96	75%	58%	2%	81	80%	64%	2%	15	47%	27%	0%		
	2010-11	52	46%	27%	0%	40	53%	35%	0%	12	25%	0%	0%		
	2009-10	1	_	_	_	1	_	_	_	0	_	_	-		
Living Environment	2011-12	129	57%	47%	1%	109	61%	51%	1%	20	35%	20%	0%		
	2010-11	86	76%	55%	5%	76	78%	57%	5%	10	60%	40%	0%		
	2009-10	52	81%	69%	4%	38	84%	71%	5%	14	71%	64%	0%		
Physical Setting/Earth Science	2011-12	0				0				0					
	2010-11	0				0				0					
	2009-10	0				0				0					
Physical Setting/Chemistry	2011-12	24	50%	17%	0%	23	-	_	_	1	_	_	_		
- •	2010-11	0				0				0					
	2009-10	0				0				0					
Physical Setting/Physics	2011-12	0				0				0					
	2010-11	0				0				0					
	2009-10	0				0				0					

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# **Student Performance**

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# **Regents Competency Tests**

		All Stude	nts	General-E	ducation Students	Students with Disabilities			
		Total Tested	Percent Passing:	Total Tested	Percent Passing:	Total Tested	Percent Passing:		
Mathematics	2011-12	1	-	1	_	0			
	2010-11	8	38%	0		8	38%		
	2009-10	0		0		0			
Science	2011-12	0		0		0			
	2010-11	0		0		0			
	2009-10	0		0		0			
Reading	2011-12	5	80%	0		5	80%		
	2010-11	0		0		0			
	2009-10	0		0		0			
Writing	2011-12	2	-	0		2	_		
	2010-11	0		0		0			
	2009-10	0		0		0			
Global Studies	2011-12	13	54%	0		13	54%		
	2010-11	0		0		0			
	2009-10	0		0		0			
U.S. History and Government	2011-12	8	50%	0		8	50%		
o.e. Thotory and Government	2010-11	0		0		0			
	2009-10	0		0		0			

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

		All Stu	dents				General-Education Students					Students with Disabilities				
		Total Tested	Percent in each p	of studer performa		-	Total Tested		of students performan	_	l	Total Tested	Percent in each		ents sco ance lev	•
			Begin.	Interm.	Adv.	Prof.		Begin.	Interm.	Adv.	Prof.		Begin.	Interm.	Adv.	Prof.
Listening and	2011-12	0					0					0				
Speaking	2010-11	0					0					0				
(Grades K–1)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing	2010-11	0					0					0				
(Grades K-1)	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking	2010-11	0					0					0				
(Grades 2-4)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing	2010-11	0					0					0				
(Grades 2-4)	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking	2010-11	0					0					0				
(Grades 5-6)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing	2010-11	0					0					0				
(Grades 5-6)	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking	2010-11	0					0					0				
(Grades 7-8)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing	2010-11	0					0					0				
(Grades 7-8)		0					0									
Listening and	2009-10	19	11%	47%	5%	37%	17	_	_	_		0	_	_	_	_
Speaking and	2011-12	15	13%	27%	13%	47%	13	_	_	_	_	2	_	_	_	_
(Grades 9-12)		11	0%	9%	45%	41%	6	0%	17%	50%	33%	5	0%	0%	40%	60%
Reading and	2009-10	19	26%	37%	0%	37%	17	0 70	T 1 /0	JU 70 _	3370 _	2	U /0	0 /0	40 /0	00 /0
Writing											_					
(Grades 9-12)	2010-11	15	27%	47%	13%	13%	13	2001	2004	-		2	2624	-	-	_
	2009-10	11	27%	55%	18%	0%	6	33%	33%	33%	0%	5	20%	80%	0%	0%

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# **Student Outcomes**

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# **High School Completers**

		All Students		General-Education 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	37		30		7	
	2010-11	0		0		0	
	2009-10	0		0		0	
Receiving a Regents	2011-12	32	86%	30	100%	2	29%
Diploma	2010-11	0		0		0	
	2009-10	0		0		0	
Receiving a Regents	2011-12	0	0%	0	0%	0	0%
Diploma with Advanced	2010-11	0		0		0	
Designation	2009-10	0		0		0	
Receiving an	2011-12	0		0		0	
Individualized Education	2010-11	0		0		0	
Program (IEP) Diploma	2009-10	0		0		0	

#### NOTE

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

# **High School Non-completers**

		All Students		General-Education 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	14	5%	8	4%	6	12%
	2010-11	2	1%	2	1%	0	
	2009-10	1	2%	0		1	3%
Entered Approved High	2011-12	3	1%	1	0%	2	4%
School Equivalency Preparation Program	2010-11	3	2%	3	2%	0	
	2009-10	0	0%	0		0	0%
Total Non-completers	2011-12	17	6%	9	4%	8	16%
	2010-11	5	3%	5	3%	0	
	2009-10	1	2%	0		1	3%

# Post-secondary Plans of 2011–12 Completers

	All Students		General-Education 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	13	35%	11	37%	2	29%
To 2-year College	14	38%	10	33%	4	57%
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	10	27%	9	30%	1	14%