



State of New Jersey
2014-15

13-1210-030

OVERVIEW

ESSEX
EAST ORANGE

GRADE SPAN 06-12

EAST ORANGE STEM ACADEMY HIGH SCHOOL
129 RENSRAW AVENUE
EAST ORANGE, NJ 07017-3308

The New Jersey Department of Education (NJDOE) is pleased to present these annual reports of School Performance. These reports are designed to inform parents, educators and communities about how well a school is performing and preparing its students for college and careers.

In particular, the School Performance Reports seek to:

- **Focus** attention on metrics that are indicative of college and career readiness.
- **Benchmark** a school's performance against other peer schools that are educating similar students, against statewide outcomes, and against state targets to illuminate and build upon a school's strengths and identify areas for improvement.
- **Improve** educational outcomes for students by providing both longitudinal and growth data so that progress can be measured as part of an individual school's efforts to engage in continuous improvement.

While the New Jersey School Performance Reports seek to bring more information to educators and stakeholders about the performance of schools, they do not seek to distill the performance of schools into a single metric, a single score, or a simplified conclusion. Instead, the intention is that educators and stakeholders will engage in deep, lengthy conversations about the full range of the data presented. As educators know well, measuring school performance is both an art and a science. While the School Performance Report brings attention to important student outcomes, NJDOE does not collect data about other essential elements of a school, such as the provision of opportunities to participate and excel in extracurricular activities; the development of non-cognitive skills like time management and perseverance; the pervasiveness of a positive school culture or climate; or the attainment of other employability and technical skills, as many of these data are beyond both the capacity and resources of schools to measure and collect well.

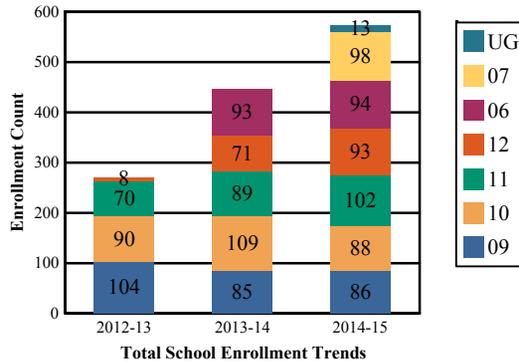
To learn more about New Jersey's school accountability system, please visit: <http://www.nj.gov/education/educators/>.

DEMOGRAPHIC INFORMATION

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Enrollment by Grade

This graph presents the count of students who were 'on roll' by grade in October of each school year.

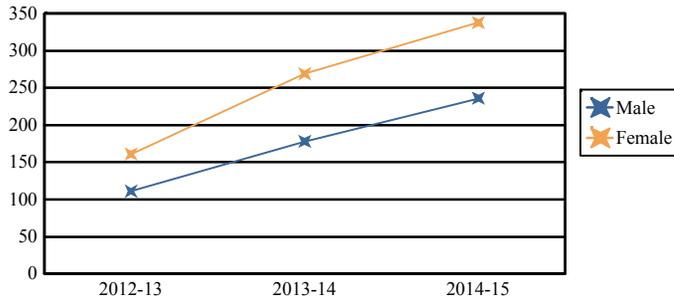


Note: "UG" represents the count of students who are 'on roll' in this school but who are educated in ungraded classrooms, meaning that the classrooms may contain students from multiple grade

Total School Enrollment	
2012-13	272
2013-14	447
2014-15	574

Enrollment by Gender

This graph presents the count of students by gender who were 'on roll' in October of each school year.



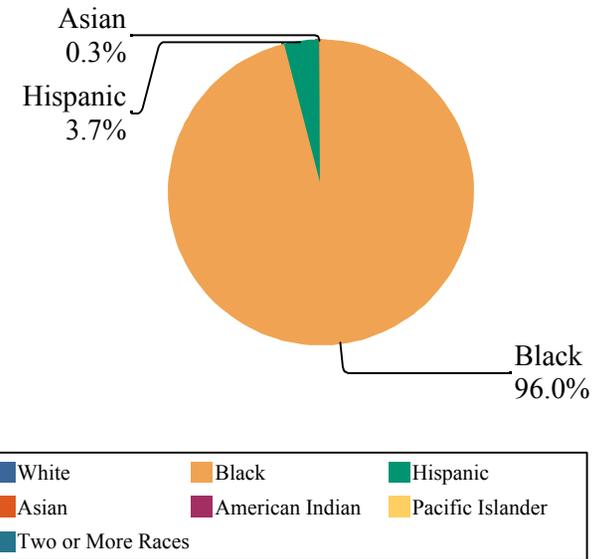
	Male	Female
2012-13	111	161
2013-14	178	269
2014-15	236	338

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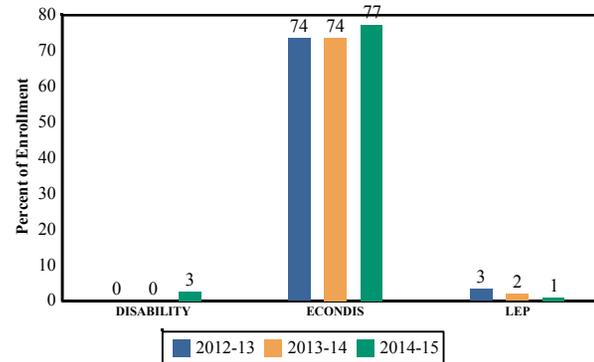
Enrollment by Ethnic/Racial Subgroup

This graph presents the percentages of enrollment for each subgroup defined by the No Child Left Behind Act of 2001.



Enrollment Trends by Program Participation

This graph presents the percentages of students by program participation who were 'on roll' in October of each school year.



Current Year Enrollment by Program Participation

2014-15	Count of Students	% of Enrollment
Students with Disability	15	3%
Economically Disadvantaged Students	444	77.4%
English Language Learners	5	0.9%

Language Diversity

This table presents the percentage of students who primarily speak each language in their home.

2014-15	Percent
English	86.2%
Haitian Creole	4.6%
French	3.0%
Spanish	2.8%
Creoles and pidgins, Engli	0.7%
Igbo	0.7%
Other	2.1%

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The Academic Achievement section measures the content knowledge that students have in English Language Arts/Literacy (ELA/L), Mathematics and Biology as demonstrated in 2014-2015 *Partnership for Assessment of Readiness for College and Careers* (PARCC) assessments and the End-of-Course Biology assessment. The below chart consist of three columns with measures. The first column - Schoolwide Performance - below includes the percentage of students who met or exceeded expectations in ELA/L or Math. The middle column - Peer School Percentile - indicates how the school's outcomes compare to its group of peer schools. The last column - Statewide Percentile - indicates how the school's outcomes compare to schools across the state in ELA/L.

Academic Achievement	Schoolwide Performance	Peer Percentile	State Percentile
HS English Language Arts/Literacy Met or Exceeded Expectation	55%	90	81
HS Math Met or Exceeded Expectation	21%		

ESEA Waiver - English Language Arts/Literacy

This table presents, for each subgroup in the school, the total number of valid test scores, the percentage of students who met or exceeded expectations, the assessment participation goal, and the participation rate. The participation goal is established as 95% by the United States Department of Education.

Subgroups	Valid Scores	% Meeting Standards	Participation Goal	Participation Rate	Met Participation?
Schoolwide	70	38.5%	95%	44.4%	NO
White	-	-	--	--	--
African American	68	38.3%	95%	43.8%	NO
Hispanic	-	-	--	--	--
American Indian	-	-	--	--	--
Asian	-	-	--	--	--
Two or More Races	-	-	--	--	--
Students with Disability	-	-	--	--	--
English Learner Students	-	-	--	--	--
Economically Disadvantaged Students	55	43.6%	95%	43.7%	NO

YES* = Met Participation Rate (Participation Averaging applied)

Data is presented for subgroups when the count is high enough under ESEA Waiver suppression rules.

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ESEA Waiver - Math

This table presents, for each subgroup in the school, the total number of valid test scores, the percentage of students who met or exceeded expectations, the assessment participation goal, and the participation rate. The participation goal is established as 95% by the United States Department of Education.

Subgroups	Valid Scores	% Meeting Standards	Participation Goal	Participation Rate	Met Participation?
Schoolwide	69	24.6%	95%	44.4%	NO
White	-	-	--	--	--
African American	67	23.9%	95%	43.8%	NO
Hispanic	-	-	--	--	--
American Indian	-	-	--	--	--
Asian	-	-	--	--	--
Two or More Races	-	-	--	--	--
Students with Disability	-	-	--	--	--
English Learner Students	-	-	--	--	--
Economically Disadvantaged Students	54	29.6%	95%	43.7%	NO

YES* = Met Participation Rate (Participation Averaging applied)

Data is presented for subgroups when the count is high enough under ESEA Waiver suppression rules.

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Proficiency Outcomes - Biology

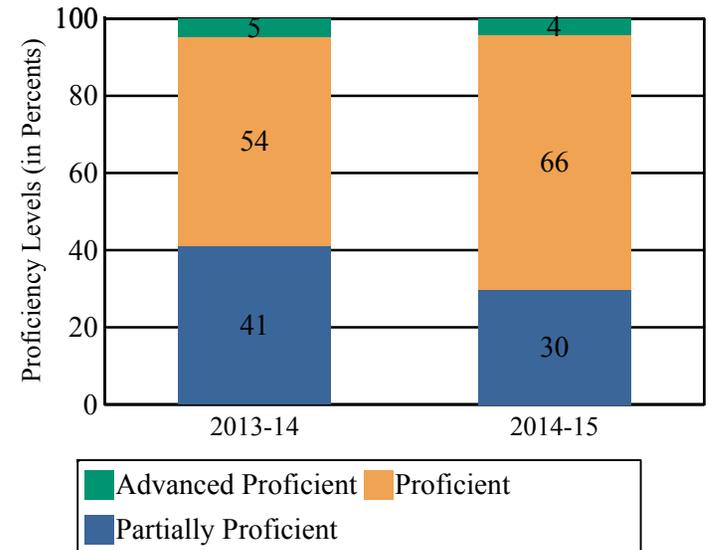
This table presents the percentage of students who scored in the Advanced Proficient, Proficient and Partially Proficient categories of the New Jersey Biology Competency Test (NJBCT) in the latest school year.

Subgroups	Advanced	Proficient	Partially Proficient
Schoolwide	4%	66%	30%
White	-	-	-
African American	3%	64%	32%
Hispanic	-	-	-
American Indian	-	-	-
Asian	-	-	-
Two or More Races	-	-	-
Students with Disability	-	-	-
English Language Learners	-	-	-
Economically Disadvantaged Students	3%	69%	29%

Data is presented for subgroups when the count is high enough under ESEA Waiver suppression rules.

Proficiency Trends - Biology

This graph presents the percentage of students who scored in the Advanced Proficient, Proficient, and Partially Proficient categories of the Biology Competency Test over the last four years.



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PARCC Performance Level

The PARCC assesses how well students have learned grade-level material in English Language Arts/Literacy (ELA/L) and Math. The tests include questions that measure students' fundamental skills and knowledge, and require them to think critically, solve problems and support or explain their answers.

The PARCC reports students' overall scale scores that range from 650 to 850. To determine whether students have met academic expectations for their grade level/course in ELA/L and Math, students' overall scale scores are categorized into five Performance Levels. Students performing at levels 4 and 5 (met or exceeded expectations) have demonstrated readiness for the next grade level/course, and are on track for college and careers.

Five Performance Levels				
Level 1: Did Not Yet Meet Expectations <i>(Min. 650)</i>	Level 2: Partially Met Expectations	Level 3: Approached Expectations	Level 4: Met Expectations	Level 5: Exceeded Expectations <i>(Max. 850)</i>

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PARCC ELA Performance Distribution - Grade - 06

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	-	-	749	-	-	-	-	-	-	50%
White	-	-	755	-	-	-	-	-	-	59%
African American	-	-	732	-	-	-	-	-	-	29%
Hispanic	-	-	736	-	-	-	-	-	-	34%
American Indian	-	-	743	-	-	-	-	-	-	39%
Asian	-	-	770	-	-	-	-	-	-	77%
Two or More Races	-	-	753	-	-	-	-	-	-	57%
Students with Disability	-	-	718	-	-	-	-	-	-	17%
English Language Learners	-	-	711	-	-	-	-	-	-	11%
Economically Disadvantaged Students	-	-	733	-	-	-	-	-	-	30%

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PARCC ELA Performance Distribution - Grade - 07

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	48	733	750	6%	23%	40%	23%	8%	31%	53%
White	-	-	757	-	-	-	-	-	-	61%
African American	46	732	730	7%	22%	41%	24%	7%	30%	31%
Hispanic	-	-	736	-	-	-	-	-	-	36%
American Indian	-	-	746	-	-	-	-	-	-	49%
Asian	-	-	777	-	-	-	-	-	-	80%
Two or More Races	-	-	756	-	-	-	-	-	-	58%
Students with Disability	-	-	713	-	-	-	-	-	-	18%
English Language Learners	-	-	703	-	-	-	-	-	-	11%
Economically Disadvantaged Students	40	733	733	8%	23%	35%	25%	10%	35%	33%

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PARCC ELA Performance Distribution - Grade - 10

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	20	750	735	0%	15%	30%	50%	5%	55%	38%
White	-	-	741	-	-	-	-	-	-	43%
African American	20	750	717	0%	15%	30%	50%	5%	55%	22%
Hispanic	-	-	720	-	-	-	-	-	-	24%
American Indian	-	-	725	-	-	-	-	-	-	27%
Asian	-	-	763	-	-	-	-	-	-	62%
Two or More Races	-	-	729	-	-	-	-	-	-	34%
Students with Disability	-	-	698	-	-	-	-	-	-	8%
English Language Learners	-	-	685	-	-	-	-	-	-	4%
Economically Disadvantaged Students	14	753	718	0%	7%	29%	57%	7%	64%	23%

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PARCC ELA Performance Distribution - Grade - 11

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	14	752	741	0%	0%	57%	36%	7%	43%	42%
White	-	-	745	-	-	-	-	-	-	46%
African American	13	752	727	0%	0%	54%	38%	8%	46%	27%
Hispanic	-	-	731	-	-	-	-	-	-	31%
American Indian	-	-	745	-	-	-	-	-	-	38%
Asian	-	-	765	-	-	-	-	-	-	64%
Two or More Races	-	-	738	-	-	-	-	-	-	38%
Students with Disability	-	-	712	-	-	-	-	-	-	16%
English Language Learners	-	-	703	-	-	-	-	-	-	6%
Economically Disadvantaged Students	13	751	730	0%	0%	62%	31%	8%	38%	30%

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PARCC MATH - Performance Distribution - Grade - 06

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	-	-	743	-	-	-	-	-	-	42%
White	-	-	749	-	-	-	-	-	-	50%
African American	-	-	726	-	-	-	-	-	-	19%
Hispanic	-	-	731	-	-	-	-	-	-	25%
American Indian	-	-	740	-	-	-	-	-	-	35%
Asian	-	-	768	-	-	-	-	-	-	75%
Two or More Races	-	-	745	-	-	-	-	-	-	44%
Students with Disability	-	-	718	-	-	-	-	-	-	15%
English Language Learners	-	-	718	-	-	-	-	-	-	14%
Economically Disadvantaged Students	-	-	729	-	-	-	-	-	-	23%

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PARCC MATH - Performance Distribution - Grade - 07

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	47	734	740	2%	28%	45%	17%	9%	26%	38%
White	-	-	745	-	-	-	-	-	-	46%
African American	45	734	725	2%	27%	47%	16%	9%	24%	17%
Hispanic	-	-	730	-	-	-	-	-	-	23%
American Indian	-	-	734	-	-	-	-	-	-	32%
Asian	-	-	760	-	-	-	-	-	-	68%
Two or More Races	-	-	742	-	-	-	-	-	-	43%
Students with Disability	-	-	715	-	-	-	-	-	-	11%
English Language Learners	-	-	717	-	-	-	-	-	-	11%
Economically Disadvantaged Students	39	734	728	3%	33%	33%	21%	10%	31%	21%

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PARCC ALGEBRA I - Performance Distribution

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	-	-	740	-	-	-	-	-	-	40%
White	-	-	746	-	-	-	-	-	-	47%
African American	-	-	722	-	-	-	-	-	-	20%
Hispanic	-	-	725	-	-	-	-	-	-	21%
American Indian	-	-	733	-	-	-	-	-	-	35%
Asian	-	-	769	-	-	-	-	-	-	73%
Two or More Races	-	-	734	-	-	-	-	-	-	35%
Students with Disability	-	-	710	-	-	-	-	-	-	8%
English Language Learners	-	-	710	-	-	-	-	-	-	7%
Economically Disadvantaged Students	-	-	725	-	-	-	-	-	-	21%

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PARCC GEOMETRY - Performance Distribution

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	17	737	728	6%	24%	41%	29%	0%	29%	21%
White	-	-	731	-	-	-	-	-	-	24%
African American	17	737	716	6%	24%	41%	29%	0%	29%	7%
Hispanic	-	-	718	-	-	-	-	-	-	8%
American Indian	-	-	722	-	-	-	-	-	-	12%
Asian	-	-	751	-	-	-	-	-	-	54%
Two or More Races	-	-	724	-	-	-	-	-	-	20%
Students with Disability	-	-	709	-	-	-	-	-	-	4%
English Language Learners	-	-	710	-	-	-	-	-	-	6%
Economically Disadvantaged Students	11	740	718	9%	18%	36%	36%	0%	36%	8%

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PARCC ALGEBRA II - Performance Distribution

This table presents the grade level outcomes, as measured by PARCC, in all five performance levels for all subgroups. PARCC consists of five performance levels: Level 1 - Did not yet meet grade-level expectations, Level 2 -Partially met expectations, Level 3 - Approached expectations, Level 4 - Met expectations, and Level 5 - Exceeded expectations.

Subgroup	Valid Scores	Mean Scale Score	State Mean Scale Score	% Level_1	% Level_2	% Level_3	% Level_4	% Level_5	% Met/ Exceeded Expectation	State % Met/Exceeded Expectation
Schoolwide	16	730	721	6%	25%	56%	13%	0%	13%	24%
White	-	-	725	-	-	-	-	-	-	27%
African American	15	729	701	7%	27%	53%	13%	0%	13%	8%
Hispanic	-	-	706	-	-	-	-	-	-	10%
American Indian	-	-	720	-	-	-	-	-	-	23%
Asian	-	-	751	-	-	-	-	-	-	53%
Two or More Races	-	-	716	-	-	-	-	-	-	21%
Students with Disability	-	-	691	-	-	-	-	-	-	4%
English Language Learners	-	-	694	-	-	-	-	-	-	6%
Economically Disadvantaged Students	15	730	705	7%	20%	60%	13%	0%	13%	9%

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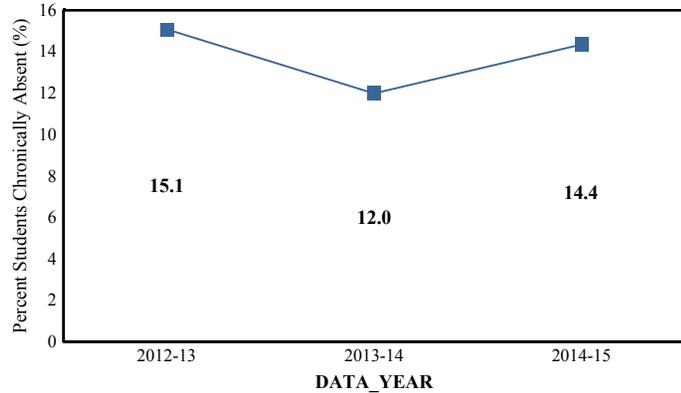
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Chronic Absenteeism Trend

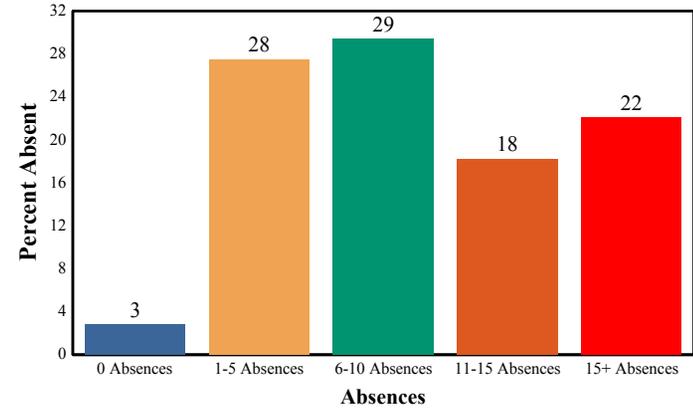
This graph presents the percentage of the enrolled students who were chronically absent for the past three years.



Chronic Absenteeism for 2014-15	14.36%
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Absenteeism

The chart below presents the percentage of students who were absent in each category of absence: 0 absences, 1- 5 absences, 6 - 10 absences, 11 - 15 absences, and more than 15 absences. An absence is defined as being 'not present' and includes the days missed regardless of whether they were determined to be excused or unexcused by the school.



0 Absences	1-5 Absences	6-10 Absences
11-15 Absences	15+ Absences	

COLLEGE AND CAREER READINESS

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Students in high schools begin to demonstrate college readiness behaviors long before they actually graduate from high school. Among those behaviors are taking college entrance exams and challenging themselves with rigorous course work. The table below presents five such indicators: the percentage of students enrolled in the 12th grade who took the SAT or ACT, the percentage of 10th and 11th graders who took the PSAT, the percentage of students who scored above the SAT benchmark of 1550, the percentage of 11th and 12th graders who took at least one AP or IB test in English, math, social studies or science, and the percentage of those AP or IB tests that were scored a 3 or higher.

The below chart consist of five columns with measures. The first column - Schoolwide Performance - represents the outcomes for these particular indicators in the school. The second column - Peer School Percentile - indicates how the school's performance compares to its group of peer schools. The third column - Statewide Percentile - indicates how the school's performance compares to schools across the state. The fourth column - Statewide Target - provides the statewide targets for each of these indicators. The last column - Met Target? - indicates whether the School Performance met or exceeded the statewide target. The Summary row presents the averages of the peer school percentiles, the average of statewide percentiles and the percentage of statewide targets met.

College and Career Readiness Indicators	Schoolwide Performance	Peer Percentile	Statewide Percentile	Statewide Target	Met Target?
Percent of Students Participating in SAT or ACT	97%	61	76	80%	YES
Percent of Students Participating in PSAT or PLAN	100%	100	100	60%	YES
Percent of Students Scoring Above 1550 on SAT	13%	65	22	40%	NO
Percent of Students Taking at least one AP Test or IB Test in English, Math, Social Studies or Science	36%	87	79	35%	YES
Percent of AP Tests >= 3 or IB Test >= 4 in English, Math, Social Studies or Science	20%	56	21	75%	NO
Summary		74	60		60%

College Readiness Test Participation

The first column of the table below presents the percentage of students enrolled in the 12th grade who took the SAT or ACT and the percentage of students enrolled in 10th and 11th grade who took the PSAT. The second column provides the average across the school's peer group for these two metrics.

2014-15 Percent of Students	School	Peer Avg.	State Avg.
Participating in SAT	94.6%	75.6%	79.1%
Participating in ACT	16.1%		25.2%
Participating in PSAT or PLAN	100.0%	74.0%	79.6%
Participating in Dual Enrollment	0.0%		14.9%

AP/IB Participation - 'Unique' Students

The table below presents the proportion of 'unique' students enrolled in at least 11th and 12th grade i.e., each student is counted once regardless of how many AP or IB courses he/she may take. The table also presents the proportion of how many 'unique' students took at least one AP or IB test to the school's enrollment in 11th and 12th grade.

2014-15 Percent of Students Taking	School	Peer Avg.	State Avg.
One or More Course	35.4%	22.7%	36.3%
One or More Test	37.4%	22.5%	30.7%
At least one AP or IB Test in English, Math, Social Studies or Science	35.9%	19.0%	25.3%

Note: Students who are enrolled in AP/IB coursework or take AP/IB tests in grades other than 11th and 12th are included in the numerator of this calculation.

COLLEGE AND CAREER READINESS

ESSEX
EAST ORANGE

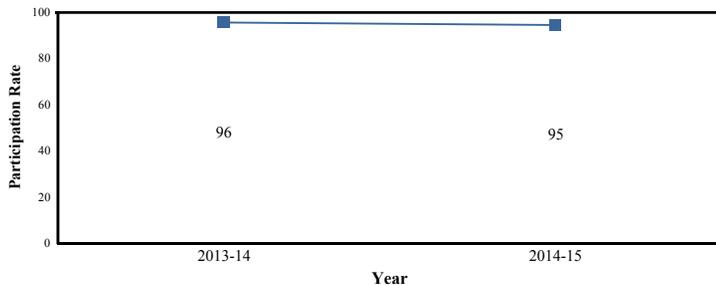
13-1210-030
EAST ORANGE STEM ACADEMY HIGH SCHOOL
129 RENSHAW AVENUE
EAST ORANGE, NJ 07017-3308

GRADE SPAN 06-12

Participation Trends - SAT Testing

Participation Trends - SAT Testing

This graph presents the participation rate in the SAT over the last four years.



AP /IB Test Results

This table presents the percentage of all AP/IB tests taken by students enrolled in the school that were scored AP ≥ 3 and scored IB ≥ 4 .

2014-15	School	Peer Avg.	State Avg.
Percent of AP Tests ≥ 3 or IB Test ≥ 4	21.9%	22.6%	72.4%
Percent of Scores in AP ≥ 3 or IB ≥ 4 in English, Math, Social Studies or Science	20.0%	17.7%	69.7%

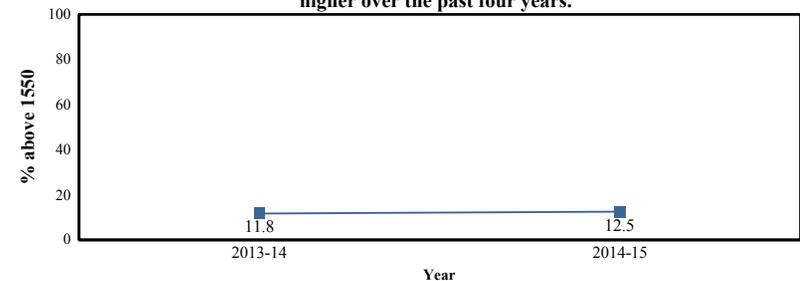
Scholastic Assessment Test (SAT) Results

This table presents the percentage of students who achieved a composite SAT score of 1550 or higher. The SAT benchmark score of 1550 (Critical Reading, Mathematics and Writing Score combined) indicates a 65 percent likelihood of achieving a B- average or higher during the first year of college, which in turn has been found by the College Board's research to be indicative of a high likelihood of college success and completion.

2014-15	School	Peer Avg.	State Avg.
Percent of Students Scoring Above 1550 on SAT	12.5%	11.4%	43.8%

SAT Benchmark Trends

This chart presents the percentage of students who achieved a composite SAT score of 1550 or higher over the past four years.



Composite SAT Score

This chart presents the average composite SAT score from the last academic year for students enrolled in this school as well as the average scores achieved in Critical Reading, Mathematics and Writing. The averages from this school's peer group are also presented.

2014-15	School	Peer Avg.	State Avg.
Composite SAT Score	1,297	1,221	1,508
Critical Reading	427	400	496
Mathematics	452	422	518
Writing	418	400	494

Composite SAT Score

This chart presents the scores achieved in Critical Reading, Mathematics and Writing by the students at the 25th percentile, the 50th percentile and the 75th percentile of the school's distribution of SAT scores.

2014-15	Critical Reading	Mathematics	Writing
75th Percentile	473	525	453
50th Percentile	420	440	420
25th Percentile	378	390	370

COLLEGE AND CAREER READINESS

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AP/IB Courses Offered

This table presents the count of students enrolled in each AP/IB course offered in this school in the first column. The second column presents the count of tests taken in each AP/IB course. The numbers may not match as some students do not take the test in the same year as they take the course and some students may take the course without taking the test or vice versa.

AP/IB Course Name	Students Enrolled	Students Tested
AP U.S. History	23	21
AP English Language and Composition	21	
AP Physics B	17	
AP Calculus AB	16	21
AP Chemistry	12	10
AP Biology	10	8
AP English Literature and Composition		20
AP Physics 1		17
AP Statistics		11

COLLEGE AND CAREER READINESS

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Visual and Performing Arts

The chart below contains the percentage of students who were enrolled in at least one Dance, Drama/Theater, Music or Visual Arts class in this school. The last row shows the percentage of students who were enrolled in any Visual and Performing Arts classes in the school.

Percent of Students Enrolled	School	State
Dance	N/R	2.1%
Drama/Theater	N/R	3.8%
Music	45.3%	17.8%
Visual Arts	27.9%	31.7%
Total: All Visual and Performing Arts	69.7%	49.9%

N/R - Data Not Reported

Participation in Career Readiness

The chart below contains percentage of students who were participants in an approved Career and Technical Education Program in this school as well as across the State of New Jersey.

Percent of Students Enrolled	School	State
Participating in CTE	N/R	18.3%
Structured Learning Experience	0.0%	7.0%

N/R - Data Not Reported

STUDENT GROWTH

ESSEX
EAST ORANGE

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GRADE SPAN 06-12

This section of the performance report presents data about student growth, utilizing the Student Growth Percentile Methodology (SGP). SGP creates a measure of how students progressed in grades 4 through 8 in Language Arts Literacy and in grades 4 through 7 in Math when compared to other students with a similar test score history. A short video explaining the methodology can be found here:

<http://www.state.nj.us/education/njsmart/performance/>

The below chart consist of three columns with measures. The first column - Schoolwide Performance - presents the schoolwide median growth score in either English Language Arts/Literacy or Mathematics for all students in the school. The last column - Met Target? - indicates whether the school's performance met or exceeded the statewide target, which was set to 35.

Student Growth Indicators	Schoolwide Performance
Student Growth on Language Arts	27
Student Growth on Math	47

Student Growth

This table presents for all students with growth scores the interaction between their performance on PARCC and their growth scores. For example, in the top left cell the percentage of students who are both in Level 1 - Did not yet meet expectations AND also demonstrating low growth is displayed.

Language Arts

Math

(Expectations)	GROWTH		
	Low	Typical	High
Did Not Yet Meet	2%	0%	0%
Partially Met	9%	2%	0%
Approached	25%	8%	6%
Met	13%	22%	10%
Exceeded	1%	1%	2%

(Expectations)	GROWTH		
	Low	Typical	High
Did Not Yet Meet	1%	0%	0%
Partially Met	13%	5%	0%
Approached	15%	13%	12%
Met	13%	12%	15%
Exceeded	0%	0%	1%

Low Growth is defined as an **Student Growth Percentile** score less than 35.
Typical Growth is defined as an **Student Growth Percentile** score between 35 and 65.
High Growth is defined as a **Student Growth Percentile** score higher than 65.

GRADUATION AND POSTSECONDARY

EAST ORANGE STEM ACADEMY HIGH SCHOOL
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GRADE SPAN 06-12

This section of the performance report presents data about graduation, dropout and post-secondary attendance. The graduation rate is calculated according to the ESEA Cohort methodology as required by the United States Department of Education. Dropout rates are calculated from student-level data submitted by districts for students officially classified as dropouts. The dropout rate is the count of students who dropout in an academic year divided by the school's total enrollment.

The below chart consist of five columns with measures. The first column - Schoolwide Performance - represents the outcomes for these particular indicators in this school. The second column - Peer School Percentile - indicates how the school's performance compares to its group of peer schools. The third column - Statewide Percentile - indicates how the school's performance compares to schools across the state.. The fourth column - Statewide Target - provides the statewide targets for each of these indicators. The Statewide Target for Graduation Rate was established pursuant to NJDOE's ESEA Accountability Workbook. The last column - Met Target - indicates whether the School Performance met or exceeded the statewide target. The Summary row presents the averages of the peer school percentile, the average of statewide percentile and the percentage of statewide targets met.

Graduation & Post Secondary Indicators	Schoolwide Performance	Peer Percentile	Statewide Percentile	Statewide Targets	Met Target
Overall Graduation Rate	100%	100	100	78%	YES
Dropout Rate	0 %	100	100	2%	YES
SUMMARY - Graduation & Post-Secondary		100	100		100%

Graduation Rate by Subgroup

Dropout Rate by Subgroup

This table presents for all NCLB-identified subgroups the "4-year Adjusted Graduation Rate." This rate calculates the percentage of students who are awarded a regular, high school diploma within four years of becoming a first-time ninth grader. The rate is adjusted to account for students who 'transfer-in' and for students who are verified as 'transfers-out'.

This table presents for all NCLB-identified subgroups the Dropout rate. This rate calculates the percentage of students who are classified as dropouts divided by the school's total enrollment and by each subgroup enrollment.

	School	State Target
Schoolwide	100%	78%
White	-	
African American	100%	
Hispanic	-	
American Indian	-	
Asian	-	
Native Hawaiian	-	
Two or More Races	-	
Students with Disability	-	
English Language Learners	-	
Economically Disadvantaged Students	100%	

	School	State Target
Schoolwide	0%	2%
White	-	
African American	0%	
Hispanic	-	
American Indian	-	
Asian	-	
Native Hawaiian	-	
Two or More Races	-	
Students with Disability	-	
English Language Learners	-	
Economically Disadvantaged Students	0%	

GRADUATION AND POSTSECONDARY

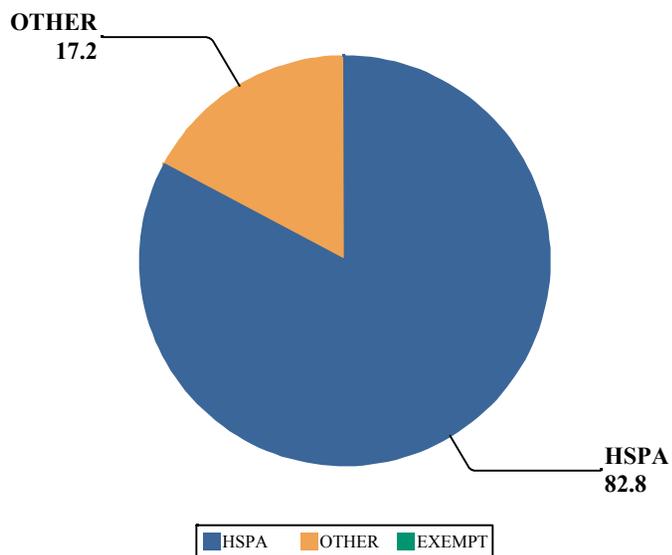
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GRADE SPAN 06-12

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Graduation Pathway Rates

This chart presents the percentage of high school graduates who graduated by passing both sections of the HSPA, who were exempt from passing the HSPA, or who demonstrated proficiency through an alternative pathway such as through the Alternative High School Assessment, achievement of the 'Just Proficient Mean' or an appeal process.



Extended Year Graduation Rate

The chart below presents the 4-year and 5-year graduation rate for the prior school year's cohort in addition to the 4-year graduation rate for last year's cohort.

Class of	4-year Rate	5-year Rate
2012	0%	3%
2013	0%	39%
2014	94%	100%
2015	100%	

GRADUATION AND POSTSECONDARY

ESSEX
EAST ORANGE

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Postsecondary Enrollment Rates

This chart presents the enrollment rates of this school's high school graduates, 16-months after high school graduation. The data is from the National Student Clearinghouse which reports that it collects student-level enrollment data from 95% of Institutions of Higher Education nationwide.

The last columns indicate, for the schoolwide total and each subgroup, the percentage of postsecondary enrollees that were enrolled in either a 2 year or a 4 year institution.

	Percent Enrolled	Percent in 2 Year	Percent in 4 Year
Statewide	78.5%	34.3%	64.7%
Schoolwide	80%	23.3%	76.7%
White	-	-	-
African American	80%	23.3%	76.7%
Hispanic	-	-	-
Asian	-	-	-
American Indian	-	-	-
Native Hawaiian	-	-	-
Two or More Races	-	-	-
Students with Disability	-	-	-
English Language Learners	-	-	-
Economically Disadvantaged Students	81%	23.5%	76.5%

WITHIN SCHOOL ACHIEVEMENT GAP

ESSEX
EAST ORANGE

GRADE SPAN 06-12

EAST ORANGE STEM ACADEMY HIGH SCHOOL
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This section of the performance report presents data about the achievement gap that exists within a school - as measured by the difference between the students' scale scores at the 25th and 75th percentile in the school, the Interquartile Range (IQR). Taken together with an understanding of the overall and average achievement levels in the school, the IQR furthers an understanding of the range of student outcomes that exist in a school. A school gap smaller than the state gap indicates that the school's range of student outcomes is narrower than the state's while a school gap broader than the state gap indicates that the school's range of student outcomes is larger than the state's.

Grade Level - 07

PARCC Language Arts 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scale Score	State Scale Score
99th	789	850
75th	751	776
50th	733	751
25th	722	724
0th	673	650

	Scale Score Gap - School	Scale Score Gap - State
25th vs 75th Gap	29	52

Grade Level - 07

PARCC MATH 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scale Score	State Scale Score
99th	786	850
75th	745	759
50th	734	740
25th	720	720
0th	695	650

	Scale Score Gap - School	Scale Score Gap - State
25th vs 75th Gap	25	39

WITHIN SCHOOL ACHIEVEMENT GAP

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GRADE SPAN 06-12

Grade Level - 10

PARCC English Language Arts/Literacy 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scale Score	State Scale Score
99th	793	850
75th	762	766
50th	752	733
25th	736	699
0th	702	650

	Scale Score Gap - School	Scale Score Gap - State
25th vs 75th Gap	26	67

Grade Level - 11

PARCC English Language Arts/Literacy 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scale Score	State Scale Score
99th	792	850
75th	758	768
50th	749	740
25th	747	711
0th	732	650

	Scale Score Gap - School	Scale Score Gap - State
25th vs 75th Gap	11	57

PARCC GEO 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scale Score	State Scale Score
99th	769	793
75th	756	747
50th	744	726
25th	726	710
0th	691	650

	Scale Score Gap - School	Scale Score Gap - State
25th vs 75th Gap	30	37

PARCC ALG-2 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scale Score	State Scale Score
99th	771	813
75th	735	748
50th	730	718
25th	718	692
0th	685	650

	Scale Score Gap - School	Scale Score Gap - State
25th vs 75th Gap	17	56

SCHOOL CLIMATE

ESSEX
EAST ORANGE

EAST ORANGE STEM ACADEMY HIGH SCHOOL
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GRADE SPAN 06-12

Length of School Day

This table presents the amount of time a school is in session for a typical student on a normal school day.

	School
2014-15	6 Hrs. 25 Mins.

Student Suspension Rate

This table presents the percentage of students who were suspended one or more times during the school year.

	School
2014-15	2.1%

Instructional Time

This table presents the amount of time that a typical student is engaged in instructional activities under the supervision of a certified teacher.

2014-15	School
Full Time	5 Hrs. 40 Mins.
Shared Time	0 Hrs. 0 Mins.

Student Expulsions

This table presents the number of students who were expelled from the school and district during the school year.

	School
2014-15	0

Student to Staff Ratio

This table presents the count of students per faculty member or administrator in the school. All staff are counted in full-time equivalents.

2014-15	School
Faculty	11
Administrators	191

SCHOOL PEER GROUP

ESSEX
EAST ORANGE

GRADE SPAN 06-12

EAST ORANGE STEM ACADEMY HIGH SCHOOL
129 RENSRAW AVENUE
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This table presents the list of peer schools in alphabetical order by county name that was created specifically for this school (highlighted in yellow). Peer schools are drawn from across the state and represent schools that have similar grade configurations and that are educating students of similar demographic characteristics, as measured by enrollment in Free/Reduced Lunch Programs, Limited English Proficiency or Special Education Programs.

<u>COUNTY NAME</u>	<u>DISTRICT NAME</u>	<u>SCHOOL NAME</u>	<u>CDS CODE</u>	<u>GRADES PAN</u>	<u>ECONOMICALLY DISADVANTAGED</u>	<u>ENGLISH LANGUAGE LEARNER</u>	<u>SPECIAL EDUCATION</u>
ATLANTIC	ATLANTIC CITY	ATLANTIC CITY HIGH SCHOOL	01-0110-010	09-12	77.9%	7.2%	16.5%
BERGEN	GARFIELD CITY	GARFIELD HIGH SCHOOL	03-1700-050	09-12	72.9%	3.7%	14.5%
CAMDEN	CAMDEN CITY	WOODROW WILSON HIGH SCHOOL	07-0680-040	09-12	85.8%	20.5%	26.3%
CAPE MAY	WILDWOOD CITY	WILDWOOD HIGH SCHOOL	09-5790-050	09-12	76.2%	5.9%	31%
CHARTERS	FOUNDATION ACADEMY CS	FOUNDATION ACADEMY CHARTER SCHOOL	80-6017-932	KG-12	81.6%	2.8%	9.8%
CHARTERS	MARION P. THOMAS CS	MARION P. THOMAS CHARTER SCHOOL	80-7210-940	PK-12	78.9%	0%	13.8%
CHARTERS	PATERSON CS FOR SCI/TECH	PATERSON CHARTER SCHOOL FOR SCIENCE/TECHNOLOGY	80-7503-970	KG-12	79.5%	1.9%	9.5%
ESSEX	CITY OF ORANGE TWP	ORANGE HIGH SCHOOL	13-3880-050	09-12	75.3%	11%	20.5%
ESSEX	EAST ORANGE	CICELY L. TYSON COMMUNITY MIDDLE/HIGH SCHOOL	13-1210-150	06-12	73%	0.3%	14%
ESSEX	EAST ORANGE	EAST ORANGE CAMPUS HIGH SCHOOL	13-1210-035	09-12	72%	7.4%	21.9%
ESSEX	EAST ORANGE	EAST ORANGE STEM ACADEMY HIGH SCHOOL	13-1210-030	06-12	77.4%	0.9%	2.6%
ESSEX	NEWARK CITY	ARTS HIGH SCHOOL	13-3570-010	07-12	73.1%	0%	7.9%
ESSEX	NEWARK CITY	BARD EARLY COLLEGE HIGH SCHOOL	13-3570-304	09-12	74%	0%	8%
ESSEX	NEWARK CITY	BARRINGER ARTS HIGH SCHOOL	13-3570-020	09-12	77.1%	16.4%	27%
ESSEX	NEWARK CITY	SCIENCE PARK HIGH SCHOOL	13-3570-055	07-12	74.1%	0.1%	4%
ESSEX	NEWARK CITY	UNIVERSITY HIGH SCHOOL	13-3570-057	07-12	77.7%	0.5%	8.6%
HUDSON	JERSEY CITY	INFINITY INSTITUTE	17-2390-002	06-12	77.4%	2.3%	1.5%
MIDDLESEX	PERTH AMBOY CITY	PERTH AMBOY HIGH SCHOOL	23-4090-050	09-12	84.3%	18.7%	9.9%
MONMOUTH	ASBURY PARK CITY	ASBURY PARK HIGH SCHOOL	25-0100-010	09-12	82.2%	18.2%	15.7%
MONMOUTH	KEANSBURG BORO	KEANSBURG HIGH SCHOOL	25-2400-010	09-12	74.1%	1.1%	18.4%
MONMOUTH	LONG BRANCH CITY	LONG BRANCH HIGH SCHOOL	25-2770-050	09-12	74.6%	6.5%	10.6%
PASSAIC	PASSAIC CO MANCHESTER REG	PASSAIC COUNTY-MANCHESTER REGIONAL HIGH SCHOOL	31-3980-010	09-12	78.5%	3%	15.4%

SCHOOL PEER GROUP

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ESSEX
EAST ORANGE

GRADE SPAN 06-12

PASSAIC	PATERSON CITY	SCHOOL OF BUISINESS TECHNOLOGY	31-4010-306	09-12	83%	16%	19.6%
PASSAIC	PATERSON CITY	SCHOOL OF CULINARY ARTS HOSPITALITY AND TOURISM	31-4010-002	09-12	81.4%	15.4%	19%
PASSAIC	PATERSON CITY	SCHOOL OF EDUCATION AND TRAINING	31-4010-305	09-12	82.7%	15.5%	12.3%
PASSAIC	PATERSON CITY	SCHOOL OF SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS	31-4010-304	09-12	84.5%	8.7%	13.2%
SALEM	SALEM CITY	SALEM HIGH SCHOOL	33-4630-050	09-12	73.5%	0.3%	18%
UNION	ELIZABETH CITY	ADMIRAL WILLIAM F. HALSEY JR. LEADERSHIP ACADEMY	39-1320-402	09-12	83.3%	15.1%	9.3%
UNION	ELIZABETH CITY	ALEXANDER HAMILTON PREPARATORY ACADEMY	39-1320-405	09-12	82.9%	2.6%	4.4%
UNION	ELIZABETH CITY	THOMAS JEFFERSON ARTS ACADEMY	39-1320-403	09-12	82.9%	8.4%	12.8%
UNION	PLAINFIELD CITY	BARACK OBAMA ACADEMY FOR ACADEMIC & CIVIC DEVELOPMENT	39-4160-051	09-12	81.5%	15.6%	1.5%