

The New York State Accountability Report 2011-12

SCHOOL:	PS 91 RICHARD ARKWRIGHT
SCHOOL ID:	342400010091
DISTRICT:	NYC GEOG DIST #24 - QUEENS
DISTRICT ID:	342400010000
PRINCIPAL:	VICTORIA CATALANO
SUPERINTENDENT:	MADELINE CHAN
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Data in this report are those reported by districts in the Student Information Repository System as of August 24, 2012.

On May 29, 2012, the United States Department of Education (USDE) approved New York's Elementary and Secondary Education Act (ESEA) waiver. This waiver provides New York with increased flexibility to help close the achievement gap and assist students in becoming college and career ready. New York's waiver introduced a system of identifying districts and/or schools as **Reward, Focus,** or **Priority**, based on performance in English language arts (ELA), mathematics, and science at the elementary/middle level and in ELA, mathematics, and graduation rate at the secondary level. More information on the waiver is available at http://www.p12.nysed.gov/esea-waiver/.

Data in The New York State Accountability Report are those used to determine **Performance Indices (PIs)** and make **Adequate Yearly Progress (AYP)** determinations which, in turn, are used to assist in identifying districts and schools as Reward, Focus, and Priority. Explanations of how the data are used to make the determinations are available at http://www.p12.nysed.gov/accountability/ESEAMaterials.html.

More Information: Office of Accountability New York State Education Department 55 Hanson Place Brooklyn, NY 11217 Email: accountinfo@mail.nysed.gov

Adequate Yearly Progress and Performance Indices

Performance Indices (PIs) and Unweighted Combined PIs are used to determine if a district or school is Priority or Focus. Adequate Yearly Progress (AYP) for accountability groups (all students, racial/ethnic groups, students with disabilities, limited English proficient students, and economically disadvantaged students) and PIs for accountability groups and non-AYP groups (non-racial/ethnic groups, general-education students, English proficient students, not economically disadvantaged students, male and female students, and migrant and non-migrant students) are used to determine if a district or school is Reward or a school requires a Local Assistance Plan. For more information, see http://www.p12.nysed.gov/accountability/documents/NYSESEAFlexibilityWaiver_REVISED.pdf

Adequate Yearly Progress

In accordance with federal and State laws, the New York State Education Department must determine and report on the performance of students in the following areas:

- 1) Elementary/middle-level (grades 3 8) English Language Arts (ELA)
- 2) Elementary/middle-level (grades 3 8) Mathematics
- 3) Elementary/middle-level (grades 4 and 8) Science
- 4) Secondary-level (grades 9-12) ELA
- 5) Secondary-level (grades 9-12) Mathematics
- 6) Graduation Rate

This performance is determined by identifying whether or not a district or school made **"Adequate Yearly Progress"** (AYP). AYP indicates satisfactory progress by a district or a school toward the goal of proficiency for all students. In ELA, mathematics, and science, AYP is determined by comparing the percentage of students tested and the performance of tested students against defined standards. In graduation rate, AYP is determined by comparing the percentage of students graduating against defined standards.

Standards for English Language Arts, Mathematics, and Science

Participation: In ELA and mathematics, 95% of students in each accountability group with 40 or more members must be tested to meet the participation criterion. In science, 80% must be tested.
 Performance: In ELA and mathematics, a calculated measure of performance called the "Performance Index" (PI) for each accountability group with 30 or more members must equal or exceed a preset objective called an "Effective Annual Measurable Objective" (EAMO) or a safety net objective called a "Safe Harbor Target." In science, the criterion for performance is the same but the safety net is referred to as a "Progress Target."

Districts and schools must meet both the participation and performance criteria for all groups with sufficient numbers to make AYP.

Standards for Graduation Rate

Districts and schools with secondary-level grades are also held to certain standards for the percentage of students who graduated. To make AYP in graduation rate, every accountability group with 30 or more members must make AYP. For a group to make AYP, the graduation rate of the 4-year graduation-rate total cohort or the 5-year graduation-rate total cohort must equal or exceed the Graduation-Rate Standard of 80% or the group's Progress Target. A cohort is a group of students who entered grade 9 anywhere in a particular school year. Graduation rates for these cohorts are then determined 4 and 5 years after the students first enter grade 9.

For more information on how AYP and PIs are determined, see "Determining AYP in 2011-12" under Understanding Accountability in New York State at http://www.p12.nysed.gov/irs/accountability/.

Elementary/Middle-Level ELA: AYP

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

Adequate Yearly Progress: In elementary/middle-level (grades 3 - 8) English language arts (ELA), districts and schools must meet both the participation and performance criteria to make Adequate Yearly Progress (AYP).

Participation: To meet the participation criterion, at least 95% of students in each accountability group with 40 or more members must be tested on an appropriate ELA assessment.

Performance: To meet the performance criterion, the Performance Index (PI) of students in each accountability group with 30 or more members must be equal to or greater than the Effective Annual Measurable Objective (EAMO) or the Safe Harbor Target.

All accountability groups met the participation and performance criteria (made AYP): YES

Student Group	Made AYP
All Students	 Image: A second s
American Indian or Alaska Native	—
Black or African American	—
Hispanic or Latino	 Image: A second s
Asian or Native Hawaiian/Other Pacific Islander	—
White	 Image: A second s
Multiracial	—
Students With Disabilities	 Image: A second s
Limited English Proficient	_
Economically Disadvantaged	 Image: A start of the start of

Made AYP

X Did not make AYP

There were not enough students to make an AYP determination

Elementary/Middle-Level ELA: Participation

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

All accountability groups with 40 or more members tested at least 95% of students enrolled during the test administration period: YES

Elementary/Middle-Level (Grades 3 - 8) English Language Arts (ELA) Participation Results

Student Group	Tested 95%	Students Enrolled During the Test Administration Period	Percent of Enrolled Students with Valid Test Scores
All Students	×	413	100%
American Indian or Alaska Native	—	1	—
Black or African American	—	7	—
Hispanic or Latino	×	210	100%
Asian or Native Hawaiian/Other Pacific Islander	—	21	—
White	×	172	99%
Multiracial	—	2	—
Students With Disabilities	×	103	100%
Limited English Proficient	—	35	—
Economically Disadvantaged	×	320	99%

✓ At least 95% of students enrolled during the test administration period were tested.

X Less than 95% of students enrolled during the test administration period were tested.

- There were fewer than 40 students enrolled during the test administration period.

Medically Excused:

Students who were excused from testing for medical reasons in accordance with federal No Child Left Behind guidance are not included in these calculations.

Elementary/Middle-Level ELA: Performance

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

All accountability groups with 30 or more members had a PI greater than or equal to the EAMO or Safe Harbor Target: YES

Elementary/Middle-Level (Grades 3 - 8) English Language Arts (ELA) Performance Results

	PI >= EAMO or	Tested Students		Objectives	
Student Group	Safe Harbor Target	Enrolled on BEDS Day	PI	EAMO	Safe Harbor Target
All Students	×	396	154	144	144
American Indian or Alaska Native	—	0	-	—	—
Black or African American	—	6	-	—	—
Hispanic or Latino	 Image: A set of the set of the	203	143	124	124
Asian or Native Hawaiian/Other Pacific Islander	—	21	—	—	—
White	✓	164	164	156	153
Multiracial	—	2	_	—	—
Students With Disabilities	 Image: A set of the set of the	102+	104†	91	89
Limited English Proficient	_	29	_	_	—
Economically Disadvantaged	 Image: A set of the set of the	303	149	128	128

✓ Performance Index is equal to or greater than Effective Annual Measurable Objective.

X Performance Index is less than Effective Annual Measurable Objective and Safe Harbor Target.

- There were fewer than 30 tested students enrolled on BEDS day and during the test administration period.

+ Includes former students with disabilities because the number of students with disabilities in the current year is equal to or greater than 30.

BEDS Day (Basic Educational Data System Day): BEDS Day is the first Wednesday in October of the school year.

Performance Index (PI): A PI is a value from 0 to 200 that is assigned to an accountability group, indicating how that group performed on a required State test (or approved alternative). Student scores on the tests are converted to six performance levels: Level 1 On Track, Level 1 Not On Track, Level 2 On Track, Level 2 Not On Track, Level 3, and Level 4. A PI is calculated using the levels and the following equation: ([2(Count at Level 1 On Track) + Count at Level 2 Not On Track + 2(Count at Level 2 On Track) + 2(Count at Level 3) + 2(Count at Level 4)] ÷ [Count of Tested Students]) × 100

Effective Annual Measurable Objective (EAMO): The EAMO is the PI value that each accountability group of a given size within a district or school is expected to achieve to meet the performance criterion. The EAMO table is available at http://www.p12.nysed.gov/irs/accountability/ under the header "Annual Measurable Objectives."

Safe Harbor Target: Safe Harbor provides an alternate means to meet the performance criterion for accountability groups whose PIs are less than their EAMOs. The 2011-12 Safe Harbor Target is calculated using the following formula: 2010-11 PI + (200 - the 2010-11 PI) \times 0.10.

Elementary/Middle-Level ELA: Non-AYP Groups

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

Participation and performance for the following groups are NOT used to determine AYP.

Participation

Student Group	Students Enrolled During the Test Administration Period	Percent of Enrolled Students with Valid Test Scores
Not American Indian or Alaska Native	412	100%
Not Black or African American	406	100%
Not Hispanic or Latino	203	99%
Not Asian or Native Hawaiian/Other Pacific Islander	392	99%
Not White	241	100%
Not Multiracial	411	100%
General Education	310	99%
English Proficient	378	100%
Not Economically Disadvantaged	93	100%
Male	223	100%
Female	190	99%
Migrant	0	
Not Migrant	413	100%

- There were fewer than 40 students enrolled during the test administration period.

Performance

Student Group	Tested Students Enrolled on BEDS Day	PI
Not American Indian or Alaska Native	396	154
Not Black or African American	390	154
Not Hispanic or Latino	193	166
Not Asian or Native Hawaiian/Other Pacific Islander	375	152
Not White	232	147
Not Multiracial	394	154
General Education	296	171
English Proficient	367	158
Not Economically Disadvantaged	93	171
Male	214	147
Female	182	162
Migrant	0	—
Not Migrant	396	154

- There were fewer than 30 tested students enrolled on BEDS day and during the test administration period.

Elementary/Middle-Level Math: AYP

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

Adequate Yearly Progress: In elementary/middle-level (grades 3 - 8) mathematics, districts and schools must meet both the participation and performance criteria to make Adequate Yearly Progress (AYP).

Participation: To meet the participation criterion, at least 95% of students in each accountability group with 40 or more members must be tested on an appropriate math assessment.

Performance: To meet the performance criterion, the Performance Index (PI) of students in each accountability group with 30 or more members must be equal to or greater than the Effective Annual Measurable Objective (EAMO) or the Safe Harbor Target.

All accountability groups met the participation and performance criteria (made AYP): YES

Student Group	Made AYP
All Students	 Image: A second s
American Indian or Alaska Native	
Black or African American	_
Hispanic or Latino	 Image: A second s
Asian or Native Hawaiian/Other Pacific Islander	—
White	 Image: A second s
Multiracial	_
Students With Disabilities	×
Limited English Proficient	 Image: A second s
Economically Disadvantaged	 Image: A set of the set of the

Made AYP

X Did not make AYP

There were not enough students to make an AYP determination

Elementary/Middle-Level Math: Participation

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

All accountability groups with 40 or more members tested at least 95% of students enrolled during the test administration period: YES

Elementary/Middle-Level (Grades 3 - 8) Math Participation Results

Student Group	Tested 95%	Students Enrolled During the Test Administration Period	Percent of Enrolled Students with Valid Test Scores
All Students	×	412	100%
American Indian or Alaska Native	—	1	—
Black or African American	—	7	—
Hispanic or Latino	×	210	100%
Asian or Native Hawaiian/Other Pacific Islander	—	21	—
White	×	171	100%
Multiracial	—	2	—
Students With Disabilities	×	103	100%
Limited English Proficient	_	35	_
Economically Disadvantaged	 	319	100%

✓ At least 95% of students enrolled during the test administration period were tested.

X Less than 95% of students enrolled during the test administration period were tested.

- There were fewer than 40 students enrolled during the test administration period.

Medically Excused:

Students who were excused from testing for medical reasons in accordance with federal No Child Left Behind guidance are not included in these calculations.

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

All accountability groups with 30 or more members had a PI greater than or equal to the EAMO or Safe Harbor Target: YES

Elementary/Middle-Level (Grades 3 - 8) Math Performance Results

	PI >= EAMO or	Tested Students		Objectives	
Student Group	Safe Harbor Enrolled on BEDS PI Target Day		PI	ΕΑΜΟ	Safe Harbor Target
All Students	×	400	165	159	159
American Indian or Alaska Native	—	0	—	—	—
Black or African American	—	6	_	—	—
Hispanic or Latino	×	204	159	142	142
Asian or Native Hawaiian/Other Pacific Islander	—	21	—	—	—
White	×	167	166	166	163
Multiracial	—	2	—	—	—
Students With Disabilities	✓	102†	131†	112	112
Limited English Proficient	×	42‡	160‡	125	125
Economically Disadvantaged	×	307	161	145	145

✓ Performance Index is equal to or greater than Effective Annual Measurable Objective.

✗ Performance Index is less than Effective Annual Measurable Objective and Safe Harbor Target. ▮

- There were fewer than 30 tested students enrolled on BEDS day and during the test administration period.

+ Includes former students with disabilities because the number of students with disabilities in the current year is equal to or greater than 30.

‡ Includes former limited English proficient students because the number of limited English proficient students in the current year is equal to or greater than 30.

BEDS Day (Basic Educational Data System Day): BEDS Day is the first Wednesday in October of the school year.

Performance Index (PI): A PI is a value from 0 to 200 that is assigned to an accountability group, indicating how that group performed on a required State test (or approved alternative). Student scores on the tests are converted to six performance levels: Level 1 On Track, Level 1 Not On Track, Level 2 On Track, Level 2 Not On Track, Level 3, and Level 4. A PI is calculated using the levels and the following equation: ([2(Count at Level 1 On Track) + Count at Level 2 Not On Track + 2(Count at Level 2 On Track) + 2(Count at Level 3) + 2(Count at Level 4)] ÷ [Count of Tested Students]) × 100

Effective Annual Measurable Objective (EAMO): The EAMO is the PI value that each accountability group of a given size within a district or school is expected to achieve to meet the performance criterion. The EAMO table is available at http://www.p12.nysed.gov/irs/accountability/ under the header "Annual Measurable Objectives."

Safe Harbor Target: Safe Harbor provides an alternate means to meet the performance criterion for accountability groups whose PIs are less than their EAMOs. The 2011-12 Safe Harbor Target is calculated using the following formula: 2010-11 PI + (200 - the 2010-11 PI) \times 0.10.

Elementary/Middle-Level Math: Non-AYP Groups

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

Participation and performance for the following groups are NOT used to determine AYP.

Participation

Student Group	Students Enrolled During the Test Administration Period	Percent of Enrolled Students with Valid Test Scores
Not American Indian or Alaska Native	411	100%
Not Black or African American	405	100%
Not Hispanic or Latino	202	100%
Not Asian or Native Hawaiian/Other Pacific Islander	391	100%
Not White	241	100%
Not Multiracial	410	100%
General Education	309	100%
English Proficient	377	100%
Not Economically Disadvantaged	93	100%
Male	223	100%
Female	189	100%
Migrant	0	
Not Migrant	412	100%

- There were fewer than 40 students enrolled during the test administration period.

Performance

Student Group	Tested Students Enrolled on BEDS Day	PI
Not American Indian or Alaska Native	400	165
Not Black or African American	394	164
Not Hispanic or Latino	196	170
Not Asian or Native Hawaiian/Other Pacific Islander	379	163
Not White	233	163
Not Multiracial	398	164
General Education	300	176
English Proficient	367	166
Not Economically Disadvantaged	93	175
Male	216	161
Female	184	169
Migrant	0	—
Not Migrant	400	165

- There were fewer than 30 tested students enrolled on BEDS day and during the test administration period.

Elementary/Middle-Level Science: AYP

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

Adequate Yearly Progress: In elementary/middle-level (grades 4 & 8) science, districts and schools must meet both the participation and performance criteria to make Adequate Yearly Progress (AYP).

Participation: To meet the participation criterion, at least 80% of students in each accountability group with 40 or more members must be tested on an appropriate science assessment.

Performance: To meet the performance criterion, the Performance Index (PI) of students in each accountability group with 30 or more members must be equal to or greater than the Effective Annual Measurable Objective (EAMO) or the Progress Target.

All accountability groups met the participation and performance criteria (made AYP): YES

Student Group	Made AYP
All Students	 Image: A second s
American Indian or Alaska Native	_
Black or African American	—
Hispanic or Latino	 Image: A second s
Asian or Native Hawaiian/Other Pacific Islander	
White	~
Multiracial	—
Students With Disabilities	 Image: A second s
Limited English Proficient	_
Economically Disadvantaged	 Image: A start of the start of

Made AYP

X Did not make AYP

There were not enough students to make an AYP determination

Elementary/Middle-Level Science: Participation

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

All accountability groups with 40 or more members tested at least 80% of students enrolled during the test administration period: YES

Elementary/Middle-Level (Grades 4 & 8) Science Participation Results

Student Group	Tested 80%	Students Enrolled During the Test Administration Period	Percent of Enrolled Students with Valid Test Scores
All Students	 Image: A set of the set of the	139	100%
American Indian or Alaska Native	—	0	—
Black or African American	—	4	—
Hispanic or Latino	 ✓ 	67	100%
Asian or Native Hawaiian/Other Pacific Islander	—	5	—
White	×	62	100%
Multiracial	—	1	—
Students With Disabilities	—	33	—
Limited English Proficient	—	16	—
Economically Disadvantaged	 	115	100%

✓ At least 80% of students enrolled during the test administration period were tested.

X Less than 80% of students enrolled during the test administration period were tested.

- There were fewer than 40 students enrolled during the test administration period.

Medically Excused:

Students who were excused from testing for medical reasons in accordance with federal No Child Left Behind guidance are not included in these calculations.

Elementary/Middle-Level Science: Performance

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

All accountability groups with 30 or more members had a PI greater than or equal to the EAMO or Progress Target: YES

Elementary/Middle-Level (Grades 4 & 8) Science Performance Results

Student Group	PI >= EAMO or	Tested Students Enrolled on BEDS	PI	Objectives	
	Progress Target	Day		EAMO	Progress Target
All Students	1	135	187	170	170
American Indian or Alaska Native	_	0	-		—
Black or African American	_	3	-		—
Hispanic or Latino	1	66	185	153	153
Asian or Native Hawaiian/Other Pacific Islander	_	5	-	_	—
White	1	60	188	179	179
Multiracial	_	1	-		—
Students With Disabilities	1	32	172	137	137
Limited English Proficient	_	16	—	_	—
Economically Disadvantaged	1	111	186	158	158

✓ Performance Index is equal to or greater than Effective Annual Measurable Objective.

✗ Performance Index is less than Effective Annual Measurable Objective and Progress Target.

- There were fewer than 30 tested students enrolled on BEDS day and during the test administration period.

BEDS Day (Basic Educational Data System Day): BEDS Day is the first Wednesday in October of the school year.

Performance Index (PI): A PI is a value from 0 to 200 that is assigned to an accountability group, indicating how that group performed on a required State test (or approved alternative). Student scores on the tests are converted to four performance levels, from Level 1 to Level 4. A PI is calculated using the levels and the following equation: ([(Count at Level 2) + 2(Count at Level 3) + 2(Count at Level 4)] ÷ [Count of Tested Students]) × 100

Effective Annual Measurable Objective (EAMO): The EAMO is the PI value that each accountability group of a given size within a district or school is expected to achieve to meet the performance criterion. The EAMO table is available at http://www.p12.nysed.gov/irs/accountability/ under the header "Annual Measurable Objectives."

Progress Target: A Progress Target provides an alternate means to meet the performance criterion for accountability groups whose PIs are less than their EAMOs. The 2011-12 Progress Target is calculated by adding 1 point to the previous year's PI.

Elementary/Middle-Level Science: Non-AYP Groups

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

Participation and performance for the following groups are NOT used to determine AYP.

Participation

Student Group	Students Enrolled During the Test Administration Period	Percent of Enrolled Students with Valid Test Scores	
Not American Indian or Alaska Native	139	100%	
Not Black or African American	135	100%	
Not Hispanic or Latino	72	100%	
Not Asian or Native Hawaiian/Other Pacific Islander	134	100%	
Not White	77	100%	
Not Multiracial	138	100%	
General Education	106	100%	
English Proficient	123	100%	
Not Economically Disadvantaged	24	—	
Male	69	100%	
Female	70	100%	
Migrant	0	_	
Not Migrant	139	100%	

- There were fewer than 40 students enrolled during the test administration period.

Performance

Student Group	Tested Students Enrolled on BEDS Day	PI
Not American Indian or Alaska Native	135	187
Not Black or African American	132	187
Not Hispanic or Latino	69	190
Not Asian or Native Hawaiian/Other Pacific Islander	130	187
Not White	75	187
Not Multiracial	134	187
General Education	103	192
English Proficient	119	191
Not Economically Disadvantaged	24	—
Male	68	185
Female	67	190
Migrant	0	—
Not Migrant	135	187

- There were fewer than 30 tested students enrolled on BEDS day and during the test administration period.

SCHOOL: PS 91 RICHARD ARKWRIGHT

SCHOOL ID: 342400010091 DISTRICT: NYC GEOG DIST #24 - QUEENS

Unweighted Combined ELA and Math Performance Indices (PIs)

The unweighted combined ELA and math Performance Index (PI) is the sum of the PIs for all measures for which the school/district has 30 or more students in the group divided by the number of measures for which the school/district has 30 or more students in the group. For example, EM ELA = 150, EM Math = 180, HS ELA = 140, HS Math = 160: $(150 + 180 + 140 + 160) \div 4 = 157.5 = 158$.

Student Group	Elementary/ Middle-Level ELA Pl	Elementary/ Middle-Level Math Pl	Secondary-Level ELA Pl	Secondary-Level Math Pl	Unweighted Combined Pl
All Students	154	165	—	—	160
American Indian or Alaska Native	_	_	_	_	—
Black or African American	—	—	—	—	—
Hispanic or Latino	143	159	—	—	151
Asian or Native Hawaiian/Other Pacific Islander	_	_	_	_	_
White	164	166	—	—	165
Multiracial	—	_	—	—	—
Students With Disabilities	104	131	—	—	118
Limited English Proficient	—	160	—	—	160
Economically Disadvantaged	149	161	_	_	155

- There was not enough students to determine a Performance Index.