

The New York State Accountability Report 2011-12

SCHOOL:	ACADEMY OF APPLIED MATH AND TECH
SCHOOL ID:	320700010343
DISTRICT:	NYC GEOG DIST # 7 - BRONX
DISTRICT ID:	320700010000
PRINCIPAL:	VINCENT GASSETTO
SUPERINTENDENT:	YOLANDA TORRES
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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: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	×
Asian or Native Hawaiian/Other Pacific Islander	—
White	—
Multiracial	—
Students With Disabilities	 Image: A second s
Limited English Proficient	 Image: A second s
Economically Disadvantaged	 Image: A second s

Made AYP

X Did not make AYP

There were not enough students to make an AYP determination

Elementary/Middle-Level ELA: Participation

SCHOOL: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	×	244	99%
American Indian or Alaska Native	—	0	—
Black or African American	 Image: A set of the set of the	76	99%
Hispanic or Latino	 Image: A second s	163	99%
Asian or Native Hawaiian/Other Pacific Islander	—	3	—
White	—	2	—
Multiracial	—	0	—
Students With Disabilities	 Image: A set of the set of the	57	100%
Limited English Proficient	—	39	—
Economically Disadvantaged	×	238	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: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	 Image: A set of the set of the	229	114	143	102
American Indian or Alaska Native	—	0	—	-	—
Black or African American	✓	72	121	119	103
Hispanic or Latino	✓	152	110	124	102
Asian or Native Hawaiian/Other Pacific Islander	—	3	—	—	—
White	—	2	—	—	—
Multiracial	—	0	—	_	—
Students With Disabilities	✓	54†	74 †	88	67
Limited English Proficient	✓	53‡	98‡	97	97
Economically Disadvantaged	 Image: A second s	223	114	127	101

✓ 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.

‡ 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: $2010-11 \text{ PI} + (200 - \text{ the } 2010-11 \text{ PI}) \times 0.10$.

Elementary/Middle-Level ELA: Non-AYP Groups

SCHOOL: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	244	99%
Not Black or African American	168	99%
Not Hispanic or Latino	81	99%
Not Asian or Native Hawaiian/Other Pacific Islander	241	99%
Not White	242	99%
Not Multiracial	244	99%
General Education	187	99%
English Proficient	205	99%
Not Economically Disadvantaged	6	—
Male	118	99%
Female	126	99%
Migrant	0	—
Not Migrant	244	99%

- 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	229	114
Not Black or African American	157	111
Not Hispanic or Latino	77	123
Not Asian or Native Hawaiian/Other Pacific Islander	226	114
Not White	227	114
Not Multiracial	229	114
General Education	176	127
English Proficient	191	120
Not Economically Disadvantaged	6	-
Male	114	114
Female	115	115
Migrant	0	—
Not Migrant	229	114

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

SCHOOL: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	 Image: A second s
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	 Image: A second s
Economically Disadvantaged	 ✓

Made AYP

X Did not make AYP

There were not enough students to make an AYP determination

Elementary/Middle-Level Math: Participation

SCHOOL: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	×	244	100%
American Indian or Alaska Native	—	0	_
Black or African American	×	76	100%
Hispanic or Latino	 Image: A second s	163	100%
Asian or Native Hawaiian/Other Pacific Islander	—	3	_
White	—	2	_
Multiracial	—	0	_
Students With Disabilities	×	57	100%
Limited English Proficient	—	39	_
Economically Disadvantaged	×	238	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: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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 Target	Enrolled on BEDS Day	PI	ΕΑΜΟ	Safe Harbor Target
All Students	×	231	153	157	151
American Indian or Alaska Native	—	0	-	—	—
Black or African American	×	73	153	131	131
Hispanic or Latino	×	153	151	142	142
Asian or Native Hawaiian/Other Pacific Islander	—	3	-	—	—
White	—	2	-	—	—
Multiracial	—	0	-	—	—
Students With Disabilities	✓	54 †	120+	109	109
Limited English Proficient	✓	53‡	140‡	127	127
Economically Disadvantaged	 Image: A start of the start of	225	152	144	144

✓ 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: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	244	100%
Not Black or African American	168	100%
Not Hispanic or Latino	81	100%
Not Asian or Native Hawaiian/Other Pacific Islander	241	100%
Not White	242	100%
Not Multiracial	244	100%
General Education	187	100%
English Proficient	205	100%
Not Economically Disadvantaged	6	_
Male	118	100%
Female	126	100%
Migrant	0	
Not Migrant	244	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	231	153
Not Black or African American	158	153
Not Hispanic or Latino	78	156
Not Asian or Native Hawaiian/Other Pacific Islander	228	152
Not White	229	152
Not Multiracial	231	153
General Education	178	163
English Proficient	193	159
Not Economically Disadvantaged	6	—
Male	115	161
Female	116	145
Migrant	0	—
Not Migrant	231	153

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

Elementary/Middle-Level Science: AYP

SCHOOL: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	_
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: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	×	65	97%
American Indian or Alaska Native	—	0	—
Black or African American	—	24	—
Hispanic or Latino	×	40	98%
Asian or Native Hawaiian/Other Pacific Islander	—	0	—
White	—	1	—
Multiracial	—	0	—
Students With Disabilities	—	10	—
Limited English Proficient	—	9	—
Economically Disadvantaged	×	64	97%

✓ 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: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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 Crown	PI >= EAMO or	Tested Students Enrolled on BEDS	PI	Objectives	
Student Group	Progress Target	Day		EAMO	Progress Target
All Students	 ✓ 	61	148	167	120
American Indian or Alaska Native	—	0	_		—
Black or African American	—	22	_		—
Hispanic or Latino	 Image: A set of the set of the	38	147	149	124
Asian or Native Hawaiian/Other Pacific Islander	—	0	—	—	—
White	—	1	—	—	—
Multiracial	—	0	—	—	—
Students With Disabilities	—	8	—	—	—
Limited English Proficient	_	9	_	—	_
Economically Disadvantaged	 Image: A set of the set of the	60	147	156	120

✓ 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: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	65	97%	
Not Black or African American	41	98%	
Not Hispanic or Latino	25	—	
Not Asian or Native Hawaiian/Other Pacific Islander	65	97%	
Not White	64	97%	
Not Multiracial	65	97%	
General Education	55	98%	
English Proficient	56	96%	
Not Economically Disadvantaged	1		
Male	33		
Female	32		
Migrant	0		
Not Migrant	65	97%	

- 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	61	148
Not Black or African American	39	149
Not Hispanic or Latino	23	—
Not Asian or Native Hawaiian/Other Pacific Islander	61	148
Not White	60	147
Not Multiracial	61	148
General Education	53	153
English Proficient	52	156
Not Economically Disadvantaged	1	_
Male	32	147
Female	29	—
Migrant	0	—
Not Migrant	61	148

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

SCHOOL: ACADEMY OF APPLIED MATH AND TECH

SCHOOL ID: 320700010343 DISTRICT: NYC GEOG DIST # 7 - BRONX

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	114	153	—	—	134
American Indian or Alaska Native	_	_	_	_	—
Black or African American	121	153	—	—	137
Hispanic or Latino	110	151	—	—	131
Asian or Native Hawaiian/Other Pacific Islander	_	_	_	_	_
White	—	—	—	—	—
Multiracial	—	_	—	—	—
Students With Disabilities	74	120	—	—	97
Limited English Proficient	98	140	—	—	119
Economically Disadvantaged	114	152	—	—	133

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