



# The New York State Accountability Report 2011-12

**DISTRICT:** MASSENA CENTRAL SCHOOL  
DISTRICT  
**DISTRICT ID:** 512001060000  
**SUPERINTENDENT:** ROGER CLOUGH  
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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>.

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# 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](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

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

**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): NO**

Student Group	Made AYP
All Students	✓
American Indian or Alaska Native	✓
Black or African American	—
Hispanic or Latino	—
Asian or Native Hawaiian/Other Pacific Islander	—
White	✓
Multiracial	—
Students With Disabilities	✗
Limited English Proficient	—
Economically Disadvantaged	✓

✓ Made AYP

✗ Did not make AYP

— There were not enough students to make an AYP determination

# Elementary/Middle-Level ELA: Participation

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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	✓	1280	99%
American Indian or Alaska Native	✓	164	99%
Black or African American	—	22	—
Hispanic or Latino	—	22	—
Asian or Native Hawaiian/Other Pacific Islander	—	11	—
White	✓	1058	99%
Multiracial	—	3	—
Students With Disabilities	✓	157	97%
Limited English Proficient	—	3	—
Economically Disadvantaged	✓	713	99%

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

✗ 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

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

All accountability groups with 30 or more members had a PI greater than or equal to the EAMO or Safe Harbor Target: **NO**

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

Student Group	PI >= EAMO or Safe Harbor Target	Tested Students Enrolled on BEDS Day	PI	Objectives	
				EAMO	Safe Harbor Target
All Students	✓	1227	155	147	147
American Indian or Alaska Native	✓	158	153	129	129
Black or African American	—	19	—	—	—
Hispanic or Latino	—	20	—	—	—
Asian or Native Hawaiian/Other Pacific Islander	—	10	—	—	—
White	✓	1018	155	161	152
Multiracial	—	2	—	—	—
Students With Disabilities	✗	164†	88†	93	89
Limited English Proficient	—	2	—	—	—
Economically Disadvantaged	✓	676	144	130	130

✓ 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.

**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:  $\frac{[2(\text{Count at Level 1 On Track}) + \text{Count at Level 2 Not On Track} + 2(\text{Count at Level 2 On Track}) + 2(\text{Count at Level 3}) + 2(\text{Count at Level 4})]}{[\text{Count of Tested Students}]} \times 100$

**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

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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	1116	99%
Not Black or African American	1258	99%
Not Hispanic or Latino	1258	99%
Not Asian or Native Hawaiian/Other Pacific Islander	1269	99%
Not White	222	99%
Not Multiracial	1277	99%
General Education	1123	99%
English Proficient	1277	99%
Not Economically Disadvantaged	567	99%
Male	629	99%
Female	651	99%
Migrant	2	—
Not Migrant	1278	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	1069	155
Not Black or African American	1208	155
Not Hispanic or Latino	1207	155
Not Asian or Native Hawaiian/Other Pacific Islander	1217	155
Not White	209	156
Not Multiracial	1225	155
General Education	1081	165
English Proficient	1225	155
Not Economically Disadvantaged	551	168
Male	597	148
Female	630	161
Migrant	1	—
Not Migrant	1226	155

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

# Elementary/Middle-Level Math: AYP

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

**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	✓
American Indian or Alaska Native	✓
Black or African American	—
Hispanic or Latino	—
Asian or Native Hawaiian/Other Pacific Islander	—
White	✓
Multiracial	—
Students With Disabilities	✓
Limited English Proficient	—
Economically Disadvantaged	✓

✓ Made AYP

✗ Did not make AYP

— There were not enough students to make an AYP determination

# Elementary/Middle-Level Math: Participation

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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	✓	1280	99%
American Indian or Alaska Native	✓	164	98%
Black or African American	—	22	—
Hispanic or Latino	—	22	—
Asian or Native Hawaiian/Other Pacific Islander	—	11	—
White	✓	1058	99%
Multiracial	—	3	—
Students With Disabilities	✓	157	98%
Limited English Proficient	—	3	—
Economically Disadvantaged	✓	713	99%

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

✗ 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 Math: Performance

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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

Student Group	PI $\geq$ EAMO or Safe Harbor Target	Tested Students Enrolled on BEDS Day	PI	Objectives	
				EAMO	Safe Harbor Target
All Students	✓	1231	164	161	160
American Indian or Alaska Native	✓	157	169	144	144
Black or African American	—	19	—	—	—
Hispanic or Latino	—	20	—	—	—
Asian or Native Hawaiian/Other Pacific Islander	—	11	—	—	—
White	✓	1022	163	171	160
Multiracial	—	2	—	—	—
Students With Disabilities	✓	166†	117†	114	111
Limited English Proficient	—	3	—	—	—
Economically Disadvantaged	✓	678	153	147	147

✓ 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.

**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:  $\frac{[2(\text{Count at Level 1 On Track}) + \text{Count at Level 2 Not On Track} + 2(\text{Count at Level 2 On Track}) + 2(\text{Count at Level 3}) + 2(\text{Count at Level 4})]}{[\text{Count of Tested Students}]} \times 100$

**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 Math: Non-AYP Groups

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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	1116	99%
Not Black or African American	1258	99%
Not Hispanic or Latino	1258	99%
Not Asian or Native Hawaiian/Other Pacific Islander	1269	99%
Not White	222	98%
Not Multiracial	1277	99%
General Education	1123	99%
English Proficient	1277	99%
Not Economically Disadvantaged	567	99%
Male	629	99%
Female	651	99%
Migrant	2	—
Not Migrant	1278	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	1074	163
Not Black or African American	1212	164
Not Hispanic or Latino	1211	163
Not Asian or Native Hawaiian/Other Pacific Islander	1220	164
Not White	209	167
Not Multiracial	1229	164
General Education	1083	171
English Proficient	1228	164
Not Economically Disadvantaged	553	177
Male	601	162
Female	630	166
Migrant	1	—
Not Migrant	1230	164

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

# Elementary/Middle-Level Science: AYP

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

**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): NO**

Student Group	Made AYP
All Students	✓
American Indian or Alaska Native	✓
Black or African American	—
Hispanic or Latino	—
Asian or Native Hawaiian/Other Pacific Islander	—
White	✗
Multiracial	—
Students With Disabilities	✓
Limited English Proficient	—
Economically Disadvantaged	✓

✓ Made AYP

✗ Did not make AYP

— There were not enough students to make an AYP determination

# Elementary/Middle-Level Science: Participation

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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	✓	416	88%
American Indian or Alaska Native	✓	54	89%
Black or African American	—	6	—
Hispanic or Latino	—	8	—
Asian or Native Hawaiian/Other Pacific Islander	—	3	—
White	✓	345	88%
Multiracial	—	0	—
Students With Disabilities	✓	50	94%
Limited English Proficient	—	1	—
Economically Disadvantaged	✓	219	92%

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

✗ 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

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

All accountability groups with 30 or more members had a PI greater than or equal to the EAMO or Progress Target: **NO**

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

Student Group	PI >= EAMO or Progress Target	Tested Students Enrolled on BEDS Day	PI	Objectives	
				EAMO	Progress Target
All Students	✓	355	181	173	173
American Indian or Alaska Native	✓	45	173	160	160
Black or African American	—	4	—	—	—
Hispanic or Latino	—	6	—	—	—
Asian or Native Hawaiian/Other Pacific Islander	—	3	—	—	—
White	✗	297	181	185	185
Multiracial	—	0	—	—	—
Students With Disabilities	✓	55†	153†	141	141
Limited English Proficient	—	1	—	—	—
Economically Disadvantaged	✓	195	176	160	160

✓ 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.

† 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 four performance levels, from Level 1 to Level 4. A PI is calculated using the levels and the following equation:  $\frac{((\text{Count at Level 2}) + 2(\text{Count at Level 3}) + 2(\text{Count at Level 4}))}{[\text{Count of Tested Students}]} \times 100$

**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

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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	362	87%
Not Black or African American	410	88%
Not Hispanic or Latino	408	88%
Not Asian or Native Hawaiian/Other Pacific Islander	413	87%
Not White	71	87%
Not Multiracial	416	88%
General Education	366	87%
English Proficient	415	87%
Not Economically Disadvantaged	197	82%
Male	204	89%
Female	212	86%
Migrant	1	—
Not Migrant	415	87%

— 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	310	182
Not Black or African American	351	180
Not Hispanic or Latino	349	181
Not Asian or Native Hawaiian/Other Pacific Islander	352	180
Not White	58	176
Not Multiracial	355	181
General Education	310	185
English Proficient	354	181
Not Economically Disadvantaged	160	186
Male	176	180
Female	179	182
Migrant	0	—
Not Migrant	355	181

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

# Secondary-Level ELA: AYP

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

**Adequate Yearly Progress:** In secondary-level 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	✓
American Indian or Alaska Native	✓
Black or African American	—
Hispanic or Latino	—
Asian or Native Hawaiian/Other Pacific Islander	—
White	✓
Multiracial	—
Students With Disabilities	—
Limited English Proficient	—
Economically Disadvantaged	✓

✓ Made AYP

✗ Did not make AYP

— There were not enough students to make an AYP determination

# Secondary-Level ELA: Participation

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

All accountability groups with 40 or more members tested at least 95% of 12th graders: **YES**

## Secondary-Level English Language Arts (ELA) Participation Results

Student Group	Tested 95%	12th Graders	Percent of 12th Graders with Valid Test Scores
All Students	✓	190	98%
American Indian or Alaska Native	—	32	—
Black or African American	—	1	—
Hispanic or Latino	—	1	—
Asian or Native Hawaiian/Other Pacific Islander	—	5	—
White	✓	151	98%
Multiracial	—	0	—
Students With Disabilities	—	15	—
Limited English Proficient	—	0	—
Economically Disadvantaged	✓	74	99%

✓ At least 95% of 12th graders were tested.

✗ Less than 95% of 12th graders were tested.

— There were fewer than 40 12th graders in the group.



# Secondary-Level ELA: Performance

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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

## Secondary-Level English Language Arts (ELA) Performance Results

Student Group	PI >= EAMO or Safe Harbor Target	2008 Accountability Cohort Members	PI	Objectives	
				EAMO	Safe Harbor Target
All Students	✓	191	174	151	151
American Indian or Alaska Native	✓	30	183	126	126
Black or African American	—	1	—	—	—
Hispanic or Latino	—	1	—	—	—
Asian or Native Hawaiian/Other Pacific Islander	—	5	—	—	—
White	✓	154	173	166	166
Multiracial	—	0	—	—	—
Students With Disabilities	—	18	—	—	—
Limited English Proficient	—	0	—	—	—
Economically Disadvantaged	✓	79	161	130	130

✓ 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 in the 2008 accountability cohort.

**2008 Accountability Cohort:** The 2008 Accountability Cohort consists of all students who first entered grade 9 anywhere between July 1, 2008 and June 30, 2009 or, in the case of ungraded students with disabilities, reached their seventeenth birthday during the 2008-09 school year. Results for these students are captured as of June 30, 2012. A more detailed definition of this cohort is available in "Secondary-Level Cohort Definitions" at <http://www.p12.nysed.gov/irs/sirs/>.

**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:  $\frac{1(\text{Count at Level 2}) + 2(\text{Count at Level 3}) + 3(\text{Count at Level 4})}{\text{Count of Cohort Members}} \times 100$

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

# Secondary-Level ELA: Non-AYP Groups

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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

## Participation

Student Group	12th Graders	Percent of 12th Graders with Valid Test Scores
Not American Indian or Alaska Native	158	98%
Not Black or African American	189	98%
Not Hispanic or Latino	189	98%
Not Asian or Native Hawaiian/Other Pacific Islander	185	98%
Not White	39	—
Not Multiracial	190	98%
General Education	175	99%
English Proficient	190	98%
Not Economically Disadvantaged	116	98%
Male	85	98%
Female	105	99%
Migrant	0	—
Not Migrant	190	98%

— There were fewer than 40 12th graders in the group.

## Performance

Student Group	2008 Accountability Cohort Members	PI
Not American Indian or Alaska Native	161	173
Not Black or African American	190	175
Not Hispanic or Latino	190	174
Not Asian or Native Hawaiian/Other Pacific Islander	186	174
Not White	37	181
Not Multiracial	191	174
General Education	173	181
English Proficient	191	174
Not Economically Disadvantaged	112	184
Male	87	163
Female	104	184
Migrant	0	—
Not Migrant	191	174

— There were fewer than 30 students in the cohort.

# Secondary-Level Math: AYP

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

**Adequate Yearly Progress:** In secondary-level 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): NO**

Student Group	Made AYP
All Students	✓
American Indian or Alaska Native	✓
Black or African American	—
Hispanic or Latino	—
Asian or Native Hawaiian/Other Pacific Islander	—
White	✗
Multiracial	—
Students With Disabilities	—
Limited English Proficient	—
Economically Disadvantaged	✓

✓ Made AYP

✗ Did not make AYP

— There were not enough students to make an AYP determination

# Secondary-Level Math: Participation

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

All accountability groups with 40 or more members tested at least 95% of 12th graders: **YES**

## Secondary-Level Math Participation Results

Student Group	Tested 95%	12th Graders	Percent of 12th Graders with Valid Test Scores
All Students	✓	190	100%
American Indian or Alaska Native	—	32	—
Black or African American	—	1	—
Hispanic or Latino	—	1	—
Asian or Native Hawaiian/Other Pacific Islander	—	5	—
White	✓	151	100%
Multiracial	—	0	—
Students With Disabilities	—	15	—
Limited English Proficient	—	0	—
Economically Disadvantaged	✓	74	100%

✓ At least 95% of 12th graders were tested.

✗ Less than 95% of 12th graders were tested.

— There were fewer than 40 12th graders in the group.

# Secondary-Level Math: Performance

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

All accountability groups with 30 or more members had a PI greater than or equal to the EAMO or Safe Harbor Target: **NO**

## Secondary-Level Math Performance Results

Student Group	PI >= EAMO or Safe Harbor Target	2008 Accountability Cohort Members	PI	Objectives	
				EAMO	Safe Harbor Target
All Students	✓	191	130	128	128
American Indian or Alaska Native	✓	30	130	98	98
Black or African American	—	1	—	—	—
Hispanic or Latino	—	1	—	—	—
Asian or Native Hawaiian/Other Pacific Islander	—	5	—	—	—
White	✗	154	129	146	146
Multiracial	—	0	—	—	—
Students With Disabilities	—	18	—	—	—
Limited English Proficient	—	0	—	—	—
Economically Disadvantaged	✓	79	115	104	104

✓ 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 in the 2008 accountability cohort.

**2008 Accountability Cohort:** The 2008 Accountability Cohort consists of all students who first entered grade 9 anywhere between July 1, 2008 and June 30, 2009 or, in the case of ungraded students with disabilities, reached their seventeenth birthday during the 2008-09 school year. Results for these students are captured as of June 30, 2012. A more detailed definition of this cohort is available in "Secondary-Level Cohort Definitions" at <http://www.p12.nysed.gov/irs/sirs/>.

**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: 
$$[(\text{Count at Level 2}) + 2(\text{Count at Level 3}) + 2(\text{Count at Level 4})] \div [\text{Count of Cohort Members}] \times 100$$

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

# Secondary-Level Math: Non-AYP Groups

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

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

## Participation

Student Group	12th Graders	Percent of 12th Graders with Valid Test Scores
Not American Indian or Alaska Native	158	100%
Not Black or African American	189	100%
Not Hispanic or Latino	189	100%
Not Asian or Native Hawaiian/Other Pacific Islander	185	100%
Not White	39	—
Not Multiracial	190	100%
General Education	175	100%
English Proficient	190	100%
Not Economically Disadvantaged	116	100%
Male	85	100%
Female	105	100%
Migrant	0	—
Not Migrant	190	100%

— There were fewer than 40 12th graders in the group.

## Performance

Student Group	2008 Accountability Cohort Members	PI
Not American Indian or Alaska Native	161	130
Not Black or African American	190	131
Not Hispanic or Latino	190	130
Not Asian or Native Hawaiian/Other Pacific Islander	186	130
Not White	37	135
Not Multiracial	191	130
General Education	173	136
English Proficient	191	130
Not Economically Disadvantaged	112	141
Male	87	123
Female	104	137
Migrant	0	—
Not Migrant	191	130

— There were fewer than 30 students in the cohort.

# Unweighted Combined ELA and Math PIs

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

## 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 PI	Elementary/ Middle-Level Math PI	Secondary-Level ELA PI	Secondary-Level Math PI	Unweighted Combined PI
All Students	155	164	174	130	156
American Indian or Alaska Native	153	169	183	130	159
Black or African American	—	—	—	—	—
Hispanic or Latino	—	—	—	—	—
Asian or Native Hawaiian/Other Pacific Islander	—	—	—	—	—
White	155	163	173	129	155
Multiracial	—	—	—	—	—
Students With Disabilities	88	117	—	—	103
Limited English Proficient	—	—	—	—	—
Economically Disadvantaged	144	153	161	115	143

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

# Graduation Rate: AYP

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

**Adequate Yearly Progress:** 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.

**All accountability groups made AYP: NO**

Student Group	Made AYP
All Students	✓
American Indian or Alaska Native	✓
Black or African American	—
Hispanic or Latino	—
Asian or Native Hawaiian/Other Pacific Islander	—
White	✓
Multiracial	—
Students With Disabilities	✗
Limited English Proficient	—
Economically Disadvantaged	✓

✓ Made AYP

✗ Did not make AYP

— There were not enough students to make an AYP determination



# Graduation Rate: 4-Year Graduation-Rate Total Cohort

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

All accountability groups with 30 or more members met the graduation-rate criterion for the four-year graduation-rate total cohort: **YES**

## Four-Year Graduation-Rate Total Cohort

Student Group	Met Graduation-Rate Criterion	2007 Four-Year Graduation-Rate Total Cohort	Graduation Rate	State Standard	Progress Target
All Students	✓	234	76%	80%	74%
American Indian or Alaska Native	✓	52	77%	80%	67%
Black or African American	—	0	—	—	—
Hispanic or Latino	—	3	—	—	—
Asian or Native Hawaiian/Other Pacific Islander	—	1	—	—	—
White	✓	178	75%	80%	74%
Multiracial	—	0	—	—	—
Students With Disabilities	—	28	—	—	—
Limited English Proficient	—	0	—	—	—
Economically Disadvantaged	✓	110	65%	80%	63%

✓ Graduation rate is equal to or greater than the State Standard or the group's Progress Target.

✗ Graduation rate is less than the State Standard and the group's Progress Target.

— There were fewer than 30 students in the cohort.

## 2007 Four-Year Graduation-Rate Total Cohort

The 2007 four-year graduation-rate total cohort consists of all students who first entered grade 9 anywhere between July 1, 2007 and June 30, 2008. Four-year graduation-rate results for these students are captured as of August 31, 2011.

### Graduation Rate

The graduation rate for the 2007 four-year graduation-rate total cohort is the percentage of cohort members who earned a local or Regents diploma by August 31, 2011.

### Progress Target

The Progress Target for the 2007 four-year graduation-rate total cohort is a 10% gap reduction in the graduation rate of the 2006 four-year graduation-rate total cohort as of August 31, 2010. The following equation is used to determine the 2007 four-year graduation-rate total cohort progress target:

$[(80 - \text{the graduation rate of the 2006 four-year graduation-rate total cohort}) \times 0.1] + \text{the graduation rate of the 2006 four-year graduation-rate total cohort}$

# Graduation Rate: 5-Year Graduation-Rate Total Cohort

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

All accountability groups with 30 or more members met the graduation-rate criterion for the five-year graduation-rate total cohort: **NO**

## Five-Year Graduation-Rate Total Cohort

Student Group	Met Graduation-Rate Criterion	2006 Five-Year Graduation-Rate Total Cohort	Graduation Rate	State Standard	Progress Target
All Students	✗	221	73%	80%	80%
American Indian or Alaska Native	✗	34	65%	80%	69%
Black or African American	—	0	—	—	—
Hispanic or Latino	—	1	—	—	—
Asian or Native Hawaiian/Other Pacific Islander	—	2	—	—	—
White	✗	184	74%	80%	80%
Multiracial	—	0	—	—	—
Students With Disabilities	✗	33	36%	80%	49%
Limited English Proficient	—	1	—	—	—
Economically Disadvantaged	✗	86	60%	80%	70%

✓ Graduation rate is equal to or greater than the State Standard or the group's Progress Target.

✗ Graduation rate is less than the State Standard and the group's Progress Target.

— There were fewer than 30 students in the cohort.

## 2006 Five-Year Graduation-Rate Total Cohort

The 2006 five-year graduation-rate total cohort consists of all students who first entered grade 9 anywhere between July 1, 2006 and June 30, 2007. Five-year graduation-rate results for these students are captured as of August 31, 2011.

### Graduation Rate

The graduation rate for the 2006 five-year graduation-rate total cohort is the percentage of cohort members who earned a local or Regents diploma by August 31, 2011.

### Progress Target

The Progress Target for the 2006 five-year graduation-rate total cohort is a 20% gap reduction in the graduation rate of the 2005 five-year graduation-rate total cohort as of June 30, 2010. The following equation is used to determine the 2006 five-year graduation-rate total cohort progress target:

$$[(80 - \text{the graduation rate of the 2005 five-year graduation-rate total cohort}) \times 0.2] + \text{the graduation rate of the 2005 five-year graduation-rate total cohort}$$

# Graduation Rate: Non-AYP

DISTRICT: MASSENA CENTRAL SCHOOL DISTRICT

DISTRICT ID: 512001060000

Graduation Rates for the following groups are **NOT** used to determine AYP.

Student Group	Four-Year Graduation-Rate Total Cohort		Five-Year Graduation-Rate Total Cohort	
	2007 Four-Year Graduation-Rate Total Cohort	Graduation Rate	2006 Five-Year Graduation-Rate Total Cohort	Graduation Rate
Not American Indian or Alaska Native	182	75%	187	74%
Not Black or African American	234	76%	221	73%
Not Hispanic or Latino	231	76%	220	73%
Not Asian or Native Hawaiian/Other Pacific Islander	233	76%	219	73%
Not White	56	77%	37	68%
Not Multiracial	234	76%	221	73%
General Education	206	80%	188	79%
English Proficient	234	76%	220	73%
Not Economically Disadvantaged	124	85%	135	81%
Male	110	70%	121	69%
Female	124	81%	100	78%
Migrant	0	—	0	—
Not Migrant	234	76%	221	73%

— There were fewer than 30 students in the cohort.

## Graduation Rates for Select Diploma Types

### Regents with Advanced Designation

The percentage of 2007 Graduation-Rate Total Cohort members who graduated as of August 31, 2011 with a Regents Diploma with an Advanced Designation is 25%, which did not exceed the State average of 31%.

### Regents with CTE Endorsement

The percentage of 2007 Graduation-Rate Total Cohort members who graduated as of August 31, 2011 with a Regents Diploma with CTE Endorsement is 6%, which exceeded the State average of 3%.