



The New York State School Report Card

**Accountability
and Overview Report
2005 – 06**

School **MACARTHUR SCHOOL**
District **BINGHAMTON CITY SCHOOL
DISTRICT**
School ID **030200010011**
Principal **RANDY ZUR**
Telephone **(607) 762-8182**
Grades **PK-5, UE**

This School's Report Card

The New York State School Report Card is an important part of the Board of Regents effort to raise learning standards for all students. It provides information to the public on the school's status under the State and federal accountability systems, on student performance, and on other measures of school and district performance. Knowledge gained from the school report card on a school's strengths and weaknesses can be used to improve instruction and services to students.

State assessments are designed to help ensure that all students reach high learning standards. They show whether students are getting the knowledge and skills they need to succeed at the elementary, middle, and commencement levels and beyond. The State requires that students who are not making appropriate progress toward the standards receive academic intervention services.

Use this report to:

- 1 Get School Profile information.**
This section shows comprehensive data relevant to this school's learning environment.
- 2 Review School Accountability Status.**
This section indicates whether a school made adequate yearly progress (AYP) and identifies schools in need of improvement and subject to interventions under the federal No Child Left Behind Act as well as schools requiring academic progress and subject to interventions under Commissioner's Regulations.
- 3 Review an Overview of School Performance.**
This section has information about the school's performance on state assessments in English, mathematics, and science, and on high school graduation rate.

For more information:

Office of Information and Reporting Services
New York State Education Department
Room 863 EBA
Albany, NY 12234
Email: RPTCARD@mail.nysed.gov

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

School Profile

This section shows comprehensive data relevant to this school's learning environment, including information about enrollment, average class size, and teacher qualifications.

Enrollment

	2003-04	2004-05	2005-06
Pre-K	32	32	30
Kindergarten	94	94	111
Grade 1	90	86	94
Grade 2	81	80	86
Grade 3	82	76	82
Grade 4	82	82	83
Grade 5	79	86	73
Grade 6	0	0	0
Ungraded Elementary	18	20	23
Grade 7	0	0	0
Grade 8	0	0	0
Grade 9	0	0	0
Grade 10	0	0	0
Grade 11	0	0	0
Grade 12	0	0	0
Ungraded Secondary	0	0	0
Total K-12	526	524	552

Average Class Size

	2003-04	2004-05	2005-06
Common Branch	18	18	20
Grade 8			
English			
Mathematics			
Science			
Social Studies			
Grade 10			
English			
Mathematics			
Science			
Social Studies			

Enrollment Information

Enrollment counts are as of Basic Educational Data System (BEDS) day, which is typically the first Wednesday of October of the school year. Students who attend BOCES programs on a part-time basis are included in a school's enrollment. Students who attend BOCES on a full-time basis or who are placed full time by the district in an out-of-district placement are not included in a school's enrollment. Students classified by schools as "pre-first" are included in first grade counts.

Average Class Size Information

Average Class Size is the total registration in specified classes divided by the number of those classes with registration. *Common Branch* refers to self-contained classes in Grades 1-6.

Demographic Factors

	2003-04		2004-05		2005-06	
	#	%	#	%	#	%
Eligible for Free Lunch	328	62%	310	59%	271	49%
Reduced-Price Lunch	32	6%	35	7%	46	8%
Student Stability*		95%		88%		92%
Limited English Proficient	0	0%	0	0%	0	0%
Racial/Ethnic Origin						
American Indian or Alaska Native	0	0%	0	0%	0	0%
Black or African American	126	24%	140	27%	140	25%
Hispanic or Latino	19	4%	22	4%	33	6%
Asian or Native Hawaiian/Other Pacific Islander	9	2%	7	1%	9	2%
White	372	71%	355	68%	370	67%

* Not available at the district level.

Attendance and Suspensions

	2002-03		2003-04		2004-05	
	#	%	#	%	#	%
Annual Attendance Rate		93%		93%		93%
Student Suspensions	10	N/A	22	4%	22	4%

Demographic Factors Information

Eligible for Free Lunch and Reduced-Price Lunch percentages are determined by dividing the number of approved lunch applicants by the Basic Educational Data System (BEDS) enrollment in full-day Kindergarten through Grade 12. *Eligible for Free Lunch and Limited English Proficient* counts are used to determine *Similar Schools* groupings within a *Need/Resource Capacity* category. *Student Stability* is the percentage of students in the highest grade in a school who were also enrolled in that school at any time during the previous school year. (For example, if School A, which serves Grades 6-8, has 100 students enrolled in Grade 8 this year, and 92 of those 100 students were also enrolled in School A last year, the stability rate for the school is 92 percent.)

Attendance and Suspensions Information

Annual Attendance Rate is determined by dividing the school's total actual attendance by the total possible attendance for a school year. A school's actual attendance is the sum of the number of students in attendance on each day the school was open during the school year. Possible attendance is the sum of the number of enrolled students who should have been in attendance on each day the school was open during the school year. *Student Suspension* rate is determined by dividing the number of students who were suspended from school (not including in-school suspensions) for one full day or longer anytime during the school year by the Basic Educational Data System (BEDS) day enrollments for that school year. A student is counted only once, regardless of whether the student was suspended one or more times during the school year.

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

Teacher Qualifications

	2003-04	2004-05	2005-06
Core Classes Not Taught by Highly Qualified Teachers			
Total Number of Core Classes	50	61	161
Percent Not Taught by Highly Qualified Teachers	0%	0%	1%
Teachers with No Valid Teaching Certificate			
Total Number of Teachers	0	0	0
Percent with No Valid Teaching Certificate	0%	0%	0%
Individuals Teaching Out of Certification			
Number of Teachers	1	0	0
Percentage of Total	2%	0%	0%
Percent of Teachers with Master's Degree Plus 30 Hours or Doctorate			
	6%	10%	9%

Staff Counts

	2003-04	2004-05	2005-06
Total Teachers	47	48	47
Total Other Professional Staff	2	2	2
Total Paraprofessionals*	N/A	N/A	N/A
Assistant Principals	0	0	1
Principals	1	1	1

* Not available at the school level.

Teacher Qualifications Information

To be *Highly Qualified*, a teacher must have at least a Bachelor's degree, be certified to teach in the subject area, and show subject matter competency. The number of *Individuals Teaching Out of Certification* is the number doing so more than on an incidental basis; that is, teaching for five or fewer periods per week outside certification.

Staff Counts Information

Other Professionals includes administrators, guidance counselors, school nurses, psychologists, and other professionals who devote more than half of their time to non-teaching duties. Teachers who are shared between buildings within a district are reported on the district report only.

Understanding How Accountability Works in New York State

The federal No Child Left Behind (NCLB) Act requires that states develop and report on measures of student proficiency in 1) English language arts (ELA), in 2) mathematics, and on 3) a third indicator. In New York State in 2005–06, the third indicator is science at the elementary/middle level and graduation rate at the secondary level. Schools or districts that prove student proficiency on these measures are making Adequate Yearly Progress (AYP).

For more information about accountability in New York State, visit: www.emsc.nysed.gov/irts/accountability/home.shtml



1 English Language Arts (ELA)

To make AYP in ELA, every accountability group must make AYP. For a group to make AYP, it must meet the participation *and* the performance criteria.

A Participation Criterion

At the elementary/middle level, 95 percent of Grades 3–8 students enrolled during the test administration period in each group with 40 or more students must be tested on the New York State Testing Program (NYSTP) in ELA or, if appropriate, the New York State English as a Second Language Achievement Test (NYSESLAT), or the New York State Alternate Assessment (NYSAA) in ELA. At the secondary level, 95 percent of seniors in 2005–06 in each accountability group with 40 or more students must have taken an English examination that meets the students' graduation requirement.

B Performance Criterion

At the elementary/middle level, the Performance Index (PI) of each group with 30 or more continuously enrolled tested students must equal or exceed its Effective Annual Measurable Objective (AMO) or the group must make Safe Harbor. At the secondary level, the PI of each group in the 2002 cohort with 30 or more members must equal or exceed its Effective AMO or the group must make Safe Harbor. To make Safe Harbor, the PI of the group must equal or exceed its Safe Harbor Target and the group must meet the qualification for Safe Harbor.

2 Mathematics

The same criteria for making AYP in ELA apply to mathematics. At the elementary/middle level, the measures used to determine AYP are the NYSTP and the NYSAA in mathematics. At the secondary level, the measures are mathematics examinations that meet the students' graduation requirement.

3 Third Indicator

In addition to English language arts and mathematics, the school must also make AYP in a third area of achievement. This means meeting the criteria in science at the elementary/middle level and the criteria in graduation rate at the secondary level.

Elementary/Middle-Level Science: To make AYP, the All Students group must meet the participation criterion *and* the performance criterion.

A Participation Criterion

Eighty percent of students in Grades 4 and/or 8 enrolled during the test administration period in the All Students group, if it has 40 or more students, must be tested on an accountability measure. In Grade 4, the measures are the Grade 4 elementary-level science test and the Grade 4 NYSAA in science. In Grade 8 science, the measures are the Grade 8 middle-level science test, Regents science examinations, and the Grade 8 NYSAA in science.

B Performance Criterion

The PI of the All Students group must equal or exceed the State Science Standard (100) or the Science Progress Target.

Qualifying for Safe Harbor in Elementary/Middle-Level ELA and Math: To qualify, the PI must equal or exceed the State Science Standard or the Science Progress Target in elementary/middle-level science for that group.

Secondary-Level Graduation Rate: For a school to make AYP in graduation rate, the percent of students in the 2001 graduation-rate cohort in the All Students group earning a high school diploma by August 31, 2005 must equal or exceed the Graduation-Rate Standard (55%) or the Graduation-Rate Progress Target.

Qualifying for Safe Harbor in Secondary-Level ELA and Math: To qualify, the percent of the 2001 graduation-rate cohort earning a local diploma by August 31, 2005 must equal or exceed the Graduation-Rate Standard (55%) or the Graduation-Rate Progress Target for that group.

Useful Terms for Understanding Accountability

Accountability Cohort

The 2002 school accountability cohort consists of all students who first entered Grade 9 anywhere in the 2002–03 school year, and all ungraded students with disabilities who reached their seventeenth birthday in the 2002–03 school year, who were enrolled on October 6, 2005 and did not transfer to a diploma granting program. Students who earned a high school equivalency diploma or enrolled in an approved high school equivalency preparation program by June 30, 2006, are not included in the 2002 school accountability cohort. The 2002 district accountability cohort consists of all students in each school accountability cohort plus students who transferred within the district after BEDS day plus students who were placed outside the district by the Committee on Special Education or district administrators and who met the other requirements for cohort membership. Cohort is defined in Section 100.2 (p) (16) of the Commissioner's Regulations.

Adequate Yearly Progress (AYP)

Adequate Yearly Progress (AYP) indicates satisfactory progress by a district or a school toward the goal of proficiency for all students.

Annual Measurable Objective (AMO)

The Annual Measurable Objective (AMO) is the Performance Index (PI) value that signifies that an accountability group is making satisfactory progress toward the goal that 100 percent of students will be proficient in the State's learning standards for English language arts and mathematics by 2013–14. The secondary-level AMO will be increased as specified in CR100.2(p)(14) and will reach 200 in 2013–14. (See Effective AMO for further information.)

Continuously Enrolled Students

At the elementary/middle level, continuously enrolled students are those enrolled in the school or district on BEDS day (usually the first Wednesday in October) of the school year until the test administration period. At the secondary level, all students who meet the criteria for inclusion in the accountability cohort are considered to be continuously enrolled.

Effective Annual Measurable Objective (Effective AMO)

The Effective Annual Measurable Objective (Effective AMO) is the Performance Index (PI) value that each accountability group within a school or district is expected to achieve to make Adequate Yearly Progress (AYP). The Effective AMO is the lowest PI that an accountability group of a given size can achieve in a subject for the group's PI not to be considered significantly different from the AMO for that subject. If an accountability group's PI equals or exceeds the Effective AMO, it is considered to have made AYP. A more complete definition of Effective AMO and a table showing the PI values that each group size must equal or exceed to make AYP are available at www.emsc.nysed.gov/irts.

Performance Index (PI)

A Performance Index 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) in English language arts, mathematics, or science. Student scores on the tests are converted to four performance levels, from Level 1 (indicating no proficiency) to Level 4 (indicating advanced proficiency). At the elementary/middle level, the PI is calculated using the following equation:

$$100 \times \left[\frac{\text{Count of Continuously Enrolled Tested Students Performing at Levels 2, 3, and 4} + \text{the Count at Levels 3 and 4}}{\text{Count of All Continuously Enrolled Tested Students}} \right]$$

At the secondary level, the PI is calculated using the following equation:

$$100 \times \left[\frac{\text{Count of Cohort Members Performing at Levels 2, 3, and 4} + \text{the Count at Levels 3 and 4}}{\text{Count of All Cohort Members}} \right]$$

A list of tests used to measure student performance for accountability is available at www.emsc.nysed.gov/irts.

Progress Target

For accountability groups below the State Standard in science or graduation rate, the Progress Target is an alternate method for making Adequate Yearly Progress (AYP) or qualifying for Safe Harbor in English language arts and mathematics based on improvement over the previous year's performance.

Safe Harbor

Safe Harbor provides an alternate means to demonstrate Adequate Yearly Progress (AYP) for accountability groups that do not achieve their Effective Annual Measurable Objectives (AMOs) in English or mathematics.

Safe Harbor Targets

The original 2005–06 safe harbor targets were calculated using the following equation:

$$2005-06 \text{ PI} + (200 - \text{the } 2005-06 \text{ PI}) \times 0.10$$

The resulting targets were adjusted so that their proportion of the 2005–06 AMO was the same as the original target's proportion of the 2004–05 AMO.

Science Progress Target

The elementary/middle-level 2005–06 Science Progress Target is calculated by adding one point to the 2004–05 PI. The 2006–07 Science Progress Target is calculated by adding one point to the 2005–06 PI. The 2006–07 target is provided for groups whose PI was below the State Science Standard in 2005–06.

Science Standard

The criterion value that represents a minimally satisfactory performance in science. In 2005–06, the State Science Standard at the elementary/middle level is a Performance Index (PI) of 100. The Commissioner may raise the State Science Standard at his discretion in future years.

Understanding Your School Accountability Status

The list below defines the school status categories applied to each accountability measure under New York State's accountability system, which is divided into a Federal Title I component and a State component. Accountability measures for schools at the elementary/middle level are English language arts (ELA), mathematics, and science; at the secondary level, they are ELA, mathematics, and graduation rate. A school may be assigned a different status for different accountability measures. The overall status of a school is the status assigned to the school for the accountability measure with the most advanced designation in the hierarchy. If the school receives Title I funds, it is the most advanced designation in the Title I hierarchy, unless the school is in good standing under Title I but identified as SRAP under the State hierarchy. A school that does not receive Title I funding in a school year does not have a federal status in that year; however, all schools receive a state status even if they do not receive Title I funding. Schools in improvement status under Title I must provide school choice for their students; those in need of improvement in year 2 and beyond must also provide Supplemental Education Services to eligible students. Other consequences for schools not in good standing can be found at: www.emsc.nysed.gov/irts/school-accountability/about.shtml.

Federal Title I Status

(Applies to all New York State schools receiving Title I funds)

▲ School in Good Standing

A school is considered to be in good standing if it has not been identified as a School in Need of Improvement, in Corrective Action, Planning for Restructuring, Restructuring, Requiring Academic Progress, or as a School Under Registration Review.

▲ School in Need of Improvement (Year 1)

A school that has not made AYP on the same accountability measure for two consecutive years while receiving Title I funds is considered a School in Need of Improvement (Year 1) for the following year.

▲ School in Need of Improvement (Year 2)

A School in Need of Improvement (Year 1) that does not make AYP on the accountability measure for which it was identified is considered a School in Need of Improvement (Year 2) for the following year, if it continues to receive Title I funds.

▲ School in Corrective Action

A School in Need of Improvement (Year 2) that does not make AYP on the accountability measure for which it was identified is considered a School in Corrective Action for the following year, if it continues to receive Title I funds.

▲ School Planning for Restructuring

A School in Corrective Action that does not make AYP on the accountability measure for which it was identified is considered a School Planning for Restructuring for the following year, if it continues to receive Title I funds.

▲ School Restructuring (Year 1)

A School Planning for Restructuring that does not make AYP on the accountability measure for which it was identified is considered a School Restructuring (Year 1) for the following year, if it continues to receive Title I funds.

▲ School Restructuring (Year 2)

A School Restructuring (Year 1) that does not make AYP on the accountability measure for which it was identified is considered a School Restructuring (Year 2) for the following year, if it continues to receive Title I funds.

New York State Status

(Applies to all New York State public schools)

■ School Requiring Academic Progress (Year 1)

A school that has not made AYP on the same accountability measure for two consecutive years is considered a School Requiring Academic Progress (Year 1) for the following year.

■ School Requiring Academic Progress (Year 2)

A School Requiring Academic Progress (Year 1) that does not make AYP on the accountability measure for which it was identified is considered a School Requiring Academic Progress (Year 2) for the following year.

■ School Requiring Academic Progress (Year 3)

A School Requiring Academic Progress (Year 2) that does not make AYP on the accountability measure for which it was identified is considered a School Requiring Academic Progress (Year 3) for the following year.

■ School Requiring Academic Progress (Year 4)

A School Requiring Academic Progress (Year 3) that does not make AYP on the accountability measure for which it was identified is considered a School Requiring Academic Progress (Year 4) for the following year.

■ School Requiring Academic Progress (Year 5 and above)

A School Requiring Academic Progress (Year 4 and above) that does not make AYP on the accountability measure for which it was identified is considered a School Requiring Academic Progress (Year 5 and above) for the following year.

Summary

Overall Accountability Status (2006–07)

▲ Good Standing

Elementary/Middle Level

ELA ▲ Good Standing

Math ▲ Good Standing

Science ▲ Good Standing

Secondary Level

ELA

Math

Graduation Rate

Title I Part A Funding

Years the School Received Title I Part A Funding

2004–05
2005–06
2006–07

YES

YES

YES

On which accountability measures did this school make Adequate Yearly Progress (AYP) and which groups made AYP on each measure?

Student Groups	Elementary/Middle Level			Secondary Level		
	English Language Arts	Mathematics	Science	English Language Arts	Mathematics	Graduation Rate
All Students	✓	✓	✓			
Ethnicity						
American Indian or Alaska Native	–	–				
Black or African American	✓	✓				
Hispanic or Latino	–	–				
Asian or Native Hawaiian/Other Pacific Islander	–	–				
White	✓	✓				
Other Groups						
Students with Disabilities	–	✓				
Limited English Proficient						
Economically Disadvantaged	✓	✓				
Student groups making AYP in each subject	✓ 4 of 4	✓ 5 of 5	✓ 1 of 1			

AYP Status

- ✓ Made AYP
- ✓^{SH} Made AYP Using Safe Harbor Target
- ✗ Did Not Make AYP
- Insufficient Number of Students to Determine AYP Status

Accountability Status Levels

- | Federal | State |
|----------------------------------|--|
| Good Standing ▲ | ■ Good Standing |
| Improvement (Year 1) ▲ | ■ Requiring Academic Progress (Year 1) |
| Improvement (Year 2) ▲ | ■ Requiring Academic Progress (Year 2) |
| Corrective Action ▲ | ■ Requiring Academic Progress (Year 3) |
| Planning for Restructuring ▲ | ■ Requiring Academic Progress (Year 4) |
| Restructuring (Year 1) ▲ | ■ Requiring Academic Progress (Year 5 & Above) |
| Restructuring (Year 2 & Above) ▲ | |

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**














Elementary/Middle-Level English Language Arts

Accountability Status for This Subject (2006–07)  Good Standing

Accountability Measures 4 of 4 Student groups making AYP in English Language Arts
 Made AYP

Prospective Status This school will be in good standing in 2007-08. [101]

How did students in each accountability group perform on elementary/middle-level English Language Arts accountability measures?

Student Group (Total: Continuous Enrollment) ¹	AYP	Participation ²		Test Performance ³		Performance Objectives	
	Status	Met Criterion	Percentage Tested	Met Criterion	Performance Index	Effective AMO	Safe Harbor Target 2005–06 2006–07
All Students (244:229)			98%		151	115	
Ethnicity							
American Indian or Alaska Native (1:1)	–	–	–	–	–	–	–
Black or African American (57:53)			98%		136	109	
Hispanic or Latino (18:15)	–	–	–	–	–	–	–
Asian or Native Hawaiian/Other Pacific Islander (3:3)	–	–	–	–	–	–	–
White (165:157)			99%		162	114	
Other Groups							
Students with Disabilities ⁴ (34:28)	–	–	–	–	–	–	–
Limited English Proficient (0:0)	–	–	–	–	–	–	–
Economically Disadvantaged (124:109)			96%		123	112	
Final AYP Determination		4 of 4					

NOTES

¹ These data show the count of students enrolled during the test administration period (used for Participation) followed by the count of continuously enrolled tested students (used for Performance). For accountability calculations, students who were excused from testing for medical reasons are not included in the enrollment count.

² Groups with fewer than 40 students enrolled during the test administration period are not required to meet the participation criterion. If the participation rate of a group fell below 95 percent in 2005–06, the enrollment shown is the sum of 2004–05 and 2005–06 enrollments and the percent tested is the weighted average of the participation rates over those two years.

³ For schools with fewer than 30 continuously enrolled tested students in the All Students group in 2005–06, data for 2004–05 and 2005–06 were combined to determine counts and PIs. For schools with 30 or more continuously enrolled students in the All Students group in 2005–06, student groups with fewer than 30 continuously enrolled tested students are not required to meet the performance criterion.

⁴ If the school failed to make AYP solely because of the performance of students with disabilities, met the 95% participation requirement for this group, and would meet or exceed the AMO for this subject if 34 points were added to the PI, then the school is considered to have made AYP for students with disabilities.

‡ This student group did not make AYP in science; therefore, it did not qualify for Safe Harbor.

AYP Status

-  Made AYP
-  Made AYP Using Safe Harbor Target
-  Did Not Make AYP
- Insufficient Number of Students to Determine AYP Status

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**
















Elementary/Middle-Level Mathematics

Accountability Status  Good Standing
for This Subject
(2006–07)

Accountability Measures 5 of 5 Student groups making AYP in Mathematics
 Made AYP

Prospective Status This school will be in good standing in 2007-08. [101]

How did students in each accountability group perform on elementary/middle-level Mathematics accountability measures?

Student Group (Total: Continuous Enrollment) ¹	AYP	Participation ²		Test Performance ³		Performance Objectives	
	Status	Met Criterion	Percentage Tested	Met Criterion	Performance Index	Effective AMO	Safe Harbor Target 2005–06 2006–07
All Students (247:227)			98%		154	79	
Ethnicity							
American Indian or Alaska Native (1:1)	–	–	–	–	–	–	–
Black or African American (59:52)			98%		133	73	
Hispanic or Latino (19:15)	–	–	–	–	–	–	–
Asian or Native Hawaiian/Other Pacific Islander (4:3)	–	–	–	–	–	–	–
White (164:156)			99%		164	78	
Other Groups							
Students with Disabilities ⁴ (34:31)		–	–		106	69	
Limited English Proficient (0:0)							
Economically Disadvantaged (126:107)			97%		132	76	
Final AYP Determination	 5 of 5						

NOTES

¹ These data show the count of students enrolled during the test administration period (used for Participation) followed by the count of continuously enrolled tested students (used for Performance). For accountability calculations, students who were excused from testing for medical reasons are not included in the enrollment count.

² Groups with fewer than 40 students enrolled during the test administration period are not required to meet the participation criterion. If the participation rate of a group fell below 95 percent in 2005–06, the enrollment shown is the sum of 2004–05 and 2005–06 enrollments and the percent tested is the weighted average of the participation rates over those two years.

³ For schools with fewer than 30 continuously enrolled tested students in the All Students group in 2005–06, data for 2004–05 and 2005–06 were combined to determine counts and PIs. For schools with 30 or more continuously enrolled students in the All Students group in 2005–06, student groups with fewer than 30 continuously enrolled tested students are not required to meet the performance criterion.

⁴ If the school failed to make AYP solely because of the performance of students with disabilities, met the 95% participation requirement for this group, and would meet or exceed the AMO for this subject if 34 points were added to the PI, then the school is considered to have made AYP for students with disabilities.

‡ This student group did not make AYP in science; therefore, it did not qualify for Safe Harbor.

AYP Status

-  Made AYP
-  Made AYP Using Safe Harbor Target
-  Did Not Make AYP
- Insufficient Number of Students to Determine AYP Status

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**









Elementary/Middle-Level Science

Accountability Status  Good Standing
for This Subject
(2006–07)

Accountability Measures 1 of 1 Student groups making AYP in Science
 Made AYP

Prospective Status This school will be in good standing in 2007-08. [101]

How did students in each accountability group perform on elementary/middle-level science accountability measures?

Student Group (Total: Continuous Enrollment) ¹	AYP	Participation ²		Test Performance ³		Performance Objectives		
	Status	Safe Harbor Qualification	Met Criterion	Percentage Tested	Met Criterion	Performance Index	State Standard	Progress Target 2005–06 2006–07
All Students (92:78)		Qualified		99%		192	100	
Ethnicity								
American Indian or Alaska Native (1:1)	–	–	–	–	–	–	–	–
Black or African American (18:14)	–	–	–	–	–	–	–	–
Hispanic or Latino (5:4)	–	–	–	–	–	–	–	–
Asian or Native Hawaiian/Other Pacific Islander (2:1)	–	–	–	–	–	–	–	–
White (66:58)		Qualified		98%		193	100	
Other Groups								
Students with Disabilities (16:14)	–	–	–	–	–	–	–	–
Limited English Proficient (0:0)	–	–	–	–	–	–	–	–
Economically Disadvantaged (50:37)		Qualified		98%		184	100	
Final AYP Determination		1 of 1						

NOTES

¹ These data show the count of students enrolled during the test administration period (used for Participation) followed by the count of continuously enrolled tested students (used for Performance). For accountability calculations, students who were excused from testing for medical reasons are not included in the enrollment count.

² Groups with fewer than 40 students enrolled during the test administration period are not required to meet the participation criterion. If the participation rate of a group fell below 80 percent in 2005–06, the enrollment shown is the sum of 2004–05 and 2005–06 enrollments and the percent tested is the weighted average of the participation rates over those two years.

³ Groups with fewer than 30 continuously enrolled tested students are not required to meet the performance criterion. For schools with fewer than 30 continuously enrolled tested students in 2005–06, data for 2004–05 and 2005–06 were combined to determine counts and performance indices.






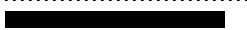

AYP Status

-  Made AYP
-  Made AYP Using Safe Harbor Target
-  Did Not Make AYP
- Insufficient Number of Students to Determine AYP Status

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

Summary of 2005–06 School Performance

Performance on the State assessments in English language arts, mathematics, and science at the elementary and middle levels is reported in terms of mean scores and the percentage of tested students scoring at or above Level 2, Level 3, and Level 4. Performance on the State assessments in ELA and mathematics at the secondary level is reported in terms of the percentage of students in a cohort scoring at these levels.

	Percentage of students that scored at or above Level 3			Total Tested
	0%	50%	100%	
English Language Arts				
Grade 3	59%			86
Grade 4	61%			84
Grade 5	64%			69
Mathematics				
Grade 3	64%			84
Grade 4	68%			90
Grade 5	58%			69
Science				
Grade 4	93%			91

About the Performance

Level Descriptors

Level 1: Not Meeting Learning Standards.

Student performance does not demonstrate an understanding of the content expected in the subject and grade level.

Level 2: Partially Meeting Learning Standards.

Student performance demonstrates a partial understanding of the content expected in the subject and grade level.

Level 3: Meeting Learning Standards.

Student performance demonstrates an understanding of the content expected in the subject and grade level.

Level 4: Meeting Learning Standards with Distinction.

Student performance demonstrates a thorough understanding of the content expected in the subject and grade level.

How are Need/Resource Capacity (N/RC) categories determined?

Districts are divided into high, average, and low need categories based on their ability to meet the special needs of their students with local resources. Districts in the high need category are subdivided into four categories based on enrollment size and, in some cases, number of students per square mile. More information about the categories can be found in the *Report to the Governor and the Legislature on the Educational Status of the State's Schools* at www.emsc.nysed.gov/irts.

In this section, this school's performance is compared with that of similar schools.

What are Similar Schools?

Within each N/RC category, the Department identifies Similar Schools: schools that serve similar students and have similar resources. Each school report card compares the school's performance with that of similar schools. The following factors are considered in grouping schools: a) the grade level served by the school and b) rates of student poverty and limited English proficiency. Student poverty levels are indicated by determining the percentage of children in each school who participate in the free-lunch program. By combining these factors, a measure of student need is created and used to place schools into relatively low (lowest quartile), relatively high (highest quartile), and typical (mid-range) groups.

This School's Similar Schools

Group: 8

All schools in this group are elementary level schools in urban or suburban school districts with high student needs in relation to district resources. The schools in this group are in the middle range of student needs for elementary level schools in these districts.

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

This School's Results in Grade 3 English Language Arts

	This School			Similar Schools		
	Percentage scoring at level(s):			Percentage scoring at level(s):		
	2-4	3-4	4	2-4	3-4	4
Mean Score: 663	Range: 616-780	650-780	730-780			
Number of Students:	74	51	7			

Results by Student Group

	2005-06 School Year				2004-05 School Year			
	Total Tested	Percentage scoring at level(s):			Total Tested	Percentage scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
All Students	86	86%	59%	8%				
Female	46	85%	67%	15%				
Male	40	88%	50%	0%				
American Indian or Alaska Native								
Black or African American	26	92%	38%	8%				
Hispanic or Latino	7	-	-	-				
Asian or Native Hawaiian/Other Pacific Islander	2	-	-	-				
White	51	88%	75%	10%	This test was not given in 2004-05.			
Small Group Totals	9	56%	33%	0%				
General-Education Students	76	89%	64%	9%				
Students with Disabilities	10	60%	20%	0%				
English Proficient	86	86%	59%	8%				
Limited English Proficient								
Economically Disadvantaged	51	78%	41%	6%				
Not Disadvantaged	35	97%	86%	11%				
Migrant								
Not Migrant	86	86%	59%	8%				

NOTES

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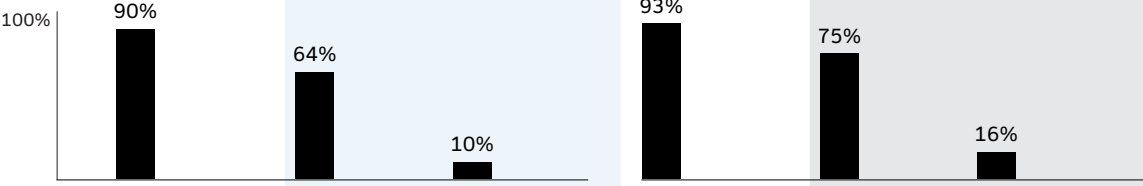
Other Assessments

	2005-06 School Year				2004-05 School Year			
	Total Tested	Number scoring at level(s):			Total Tested	Number scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
New York State Alternate Assessment (NYSAA): Grade 3 Equivalent	0				This test was not given in 2004-05.			
New York State English as a Second Language Achievement Test (NYSESLAT)†: Grade 3	0				N/A	N/A	N/A	N/A

† Results in this report are shown for students who took the NYSESLAT in lieu of the New York State Testing Program assessment for accountability purposes.

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

This School's Results in Grade 3 Mathematics

	This School			Similar Schools		
	Percentage scoring at level(s):			Percentage scoring at level(s):		
	2-4	3-4	4	2-4	3-4	4
Mean Score: 660	Range: 624-770	650-770	703-770			
						
Number of Students:	76	54	8			

Results by Student Group

	2005-06 School Year				2004-05 School Year			
	Total Tested	Percentage scoring at level(s):			Total Tested	Percentage scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
All Students	84	90%	64%	10%				
Female	44	89%	61%	16%				
Male	40	93%	68%	3%				
American Indian or Alaska Native								
Black or African American	25	92%	52%	8%				
Hispanic or Latino	8	-	-	-				
Asian or Native Hawaiian/Other Pacific Islander	2	-	-	-				
White	49	94%	76%	12%	This test was not given in 2004-05.			
Small Group Totals	10	70%	40%	0%				
General-Education Students	73	90%	68%	11%				
Students with Disabilities	11	91%	36%	0%				
English Proficient	84	90%	64%	10%				
Limited English Proficient								
Economically Disadvantaged	48	88%	54%	2%				
Not Disadvantaged	36	94%	78%	19%				
Migrant								
Not Migrant	84	90%	64%	10%				

NOTES

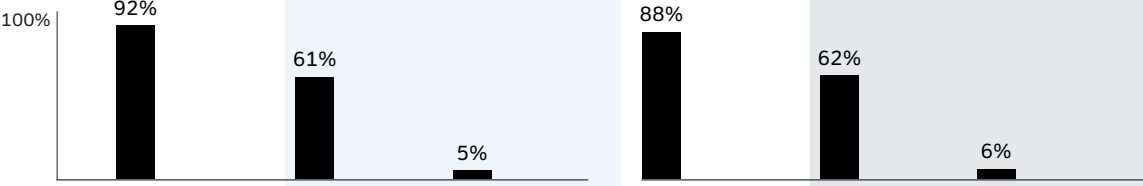
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Other Assessments

	2005-06 School Year				2004-05 School Year			
	Total Tested	Number scoring at level(s):			Total Tested	Number scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
New York State Alternate Assessment (NYSAA): Grade 3 Equivalent	0				This test was not given in 2004-05.			

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

This School's Results in Grade 4 English Language Arts

	This School			Similar Schools		
	Percentage scoring at level(s):			Percentage scoring at level(s):		
	2-4	3-4	4	2-4	3-4	4
Mean Score: 657	Range: 612-775	650-775	716-775			
						
Number of Students:	77	51	4			

Results by Student Group

	2005-06 School Year				2004-05 School Year			
	Total Tested	Percentage scoring at level(s):			Total Tested	Percentage scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
All Students	84	92%	61%	5%				
Female	40	95%	75%	8%				
Male	44	89%	48%	2%				
American Indian or Alaska Native	1	-	-	-				
Black or African American	16	94%	56%	0%				
Hispanic or Latino	4	-	-	-				
Asian or Native Hawaiian/Other Pacific Islander	1	-	-	-				
White	62	92%	65%	6%				
Small Group Totals	6	83%	33%	0%				
General-Education Students	70	97%	71%	6%				
Students with Disabilities	14	64%	7%	0%				
English Proficient	84	92%	61%	5%				
Limited English Proficient								
Economically Disadvantaged	43	84%	49%	0%				
Not Disadvantaged	41	100%	73%	10%				
Migrant								
Not Migrant	84	92%	61%	5%				

New assessments for elementary- and middle-level English language arts and mathematics were administered in 2006. Results from these assessments cannot be directly compared to results from previously administered assessments.

NOTES

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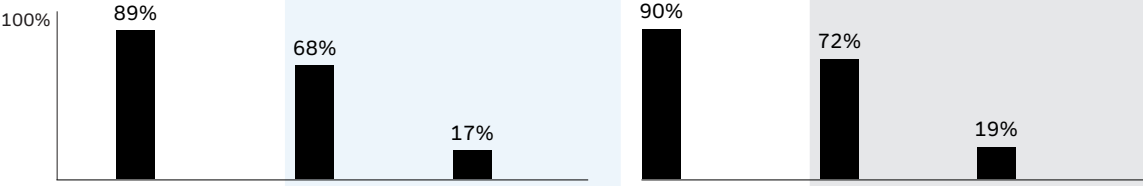
Other Assessments

	2005-06 School Year				2004-05 School Year			
	Total Tested	Number scoring at level(s):			Total Tested	Number scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
New York State Alternate Assessment (NYSAA): Grade 4 Equivalent	0				0			
New York State English as a Second Language Achievement Test (NYSESLAT)†: Grade 4	0				0			

† Results in this report are shown for students who took the NYSESLAT in lieu of the New York State Testing Program assessment for accountability purposes.

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

This School's Results in Grade 4 Mathematics

	This School			Similar Schools		
	Percentage scoring at level(s):			Percentage scoring at level(s):		
	2-4	3-4	4	2-4	3-4	4
Mean Score: 665	Range: 622-800	650-800	702-800			
						
Number of Students:	80	61	15			

Results by Student Group

	2005-06 School Year				2004-05 School Year			
	Total Tested	Percentage scoring at level(s):			Total Tested	Percentage scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
All Students	90	89%	68%	17%				
Female	42	90%	74%	12%				
Male	48	88%	63%	21%				
American Indian or Alaska Native	1	-	-	-				
Black or African American	18	83%	44%	6%				
Hispanic or Latino	4	-	-	-				
Asian or Native Hawaiian/Other Pacific Islander	2	-	-	-				
White	65	91%	75%	20%				
Small Group Totals	7	86%	57%	14%				
General-Education Students	74	93%	77%	19%				
Students with Disabilities	16	69%	25%	6%				
English Proficient	90	89%	68%	17%				
Limited English Proficient								
Economically Disadvantaged	49	82%	55%	10%				
Not Disadvantaged	41	98%	83%	24%				
Migrant								
Not Migrant	90	89%	68%	17%				

New assessments for elementary- and middle-level English language arts and mathematics were administered in 2006. Results from these assessments cannot be directly compared to results from previously administered assessments.

NOTES

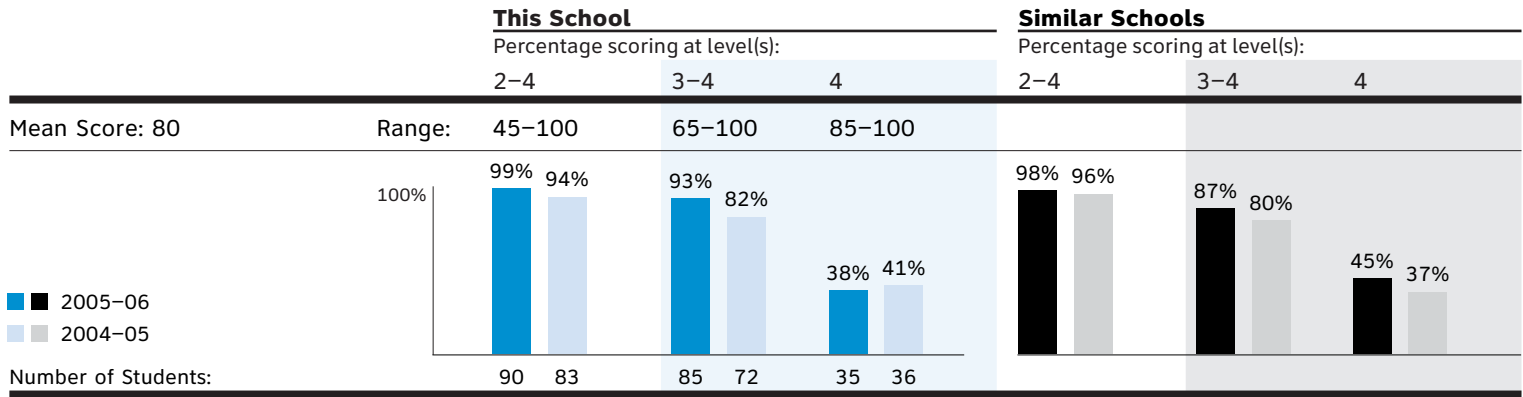
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Other Assessments

	2005-06 School Year				2004-05 School Year			
	Total Tested	Number scoring at level(s):			Total Tested	Number scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
New York State Alternate Assessment (NYSAA): Grade 4 Equivalent	0				0			

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

This School's Results in Grade 4 Science



Results by Student Group

	2005-06 School Year				2004-05 School Year			
	Total Tested	Percentage scoring at level(s):			Total Tested	Percentage scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
All Students	91	99%	93%	38%	88	94%	82%	41%
Female	43	100%	95%	42%	43	93%	81%	49%
Male	48	98%	92%	35%	45	96%	82%	33%
American Indian or Alaska Native	1	-	-	-				
Black or African American	18	100%	94%	11%	18	89%	72%	6%
Hispanic or Latino	5	-	-	-	6	83%	83%	50%
Asian or Native Hawaiian/Other Pacific Islander	2	-	-	-				
White	65	98%	94%	48%	64	97%	84%	50%
Small Group Totals	8	100%	88%	25%				
General-Education Students	75	100%	95%	44%	74	93%	84%	46%
Students with Disabilities	16	94%	88%	13%	14	100%	71%	14%
English Proficient	91	99%	93%	38%	88	94%	82%	41%
Limited English Proficient								
Economically Disadvantaged	49	98%	88%	18%	42	90%	71%	26%
Not Disadvantaged	42	100%	100%	62%	46	98%	91%	54%
Migrant								
Not Migrant	91	99%	93%	38%	88	94%	82%	41%

NOTES

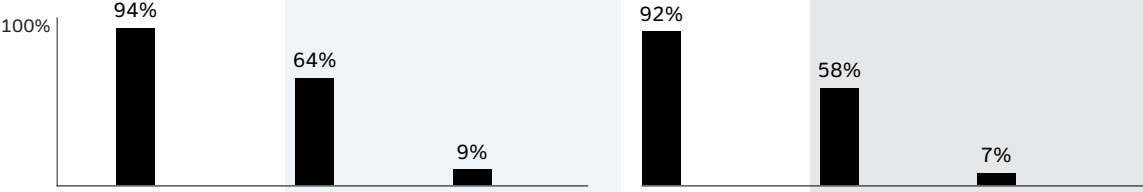
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Other Assessments

	2005-06 School Year				2004-05 School Year			
	Total Tested	Number scoring at level(s):			Total Tested	Number scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
New York State Alternate Assessment (NYSAA): Grade 4 Equivalent	0				0			

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

This School's Results in Grade 5 English Language Arts

	This School			Similar Schools		
	Percentage scoring at level(s):			Percentage scoring at level(s):		
	2-4	3-4	4	2-4	3-4	4
Mean Score: 658	608-795	650-795	711-795			
						
Number of Students:	65	44	6			

Results by Student Group

	2005-06 School Year				2004-05 School Year			
	Total Tested	Percentage scoring at level(s):			Total Tested	Percentage scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
All Students	69	94%	64%	9%				
Female	37	95%	70%	11%				
Male	32	94%	56%	6%				
American Indian or Alaska Native								
Black or African American	14	86%	43%	7%				
Hispanic or Latino	5	80%	60%	0%				
Asian or Native Hawaiian/Other Pacific Islander								
White	50	98%	70%	10%	This test was not given in 2004-05.			
Small Group Totals								
General-Education Students	64	95%	66%	9%				
Students with Disabilities	5	80%	40%	0%				
English Proficient	69	94%	64%	9%				
Limited English Proficient								
Economically Disadvantaged	25	84%	44%	4%				
Not Disadvantaged	44	100%	75%	11%				
Migrant								
Not Migrant	69	94%	64%	9%				

NOTES

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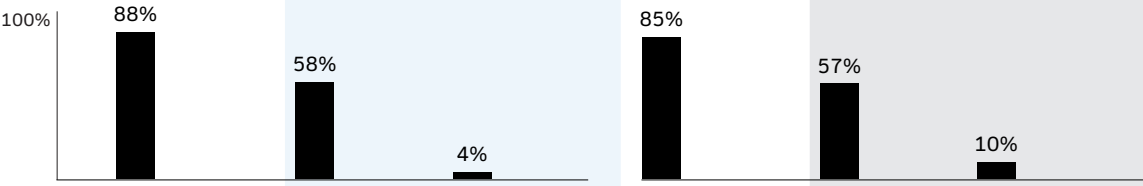
Other Assessments

	2005-06 School Year				2004-05 School Year			
	Total Tested	Number scoring at level(s):			Total Tested	Number scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
New York State Alternate Assessment (NYSAA): Grade 5 Equivalent	0				This test was not given in 2004-05.			
New York State English as a Second Language Achievement Test (NYSESLAT)†: Grade 5	0				N/A	N/A	N/A	N/A

† Results in this report are shown for students who took the NYSESLAT in lieu of the New York State Testing Program assessment for accountability purposes.

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

This School's Results in Grade 5 Mathematics

	This School			Similar Schools		
	Percentage scoring at level(s):			Percentage scoring at level(s):		
	2-4	3-4	4	2-4	3-4	4
Mean Score: 654	Range: 619-780	650-780	699-780			
						
Number of Students:	61	40	3			

Results by Student Group

	2005-06 School Year				2004-05 School Year			
	Total Tested	Percentage scoring at level(s):			Total Tested	Percentage scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
All Students	69	88%	58%	4%				
Female	37	86%	59%	5%				
Male	32	91%	56%	3%				
American Indian or Alaska Native								
Black or African American	15	80%	27%	0%				
Hispanic or Latino	5	80%	80%	0%				
Asian or Native Hawaiian/Other Pacific Islander								
White	49	92%	65%	6%	This test was not given in 2004-05.			
Small Group Totals								
General-Education Students	64	88%	61%	5%				
Students with Disabilities	5	100%	20%	0%				
English Proficient	69	88%	58%	4%				
Limited English Proficient								
Economically Disadvantaged	25	80%	32%	0%				
Not Disadvantaged	44	93%	73%	7%				
Migrant								
Not Migrant	69	88%	58%	4%				

NOTES

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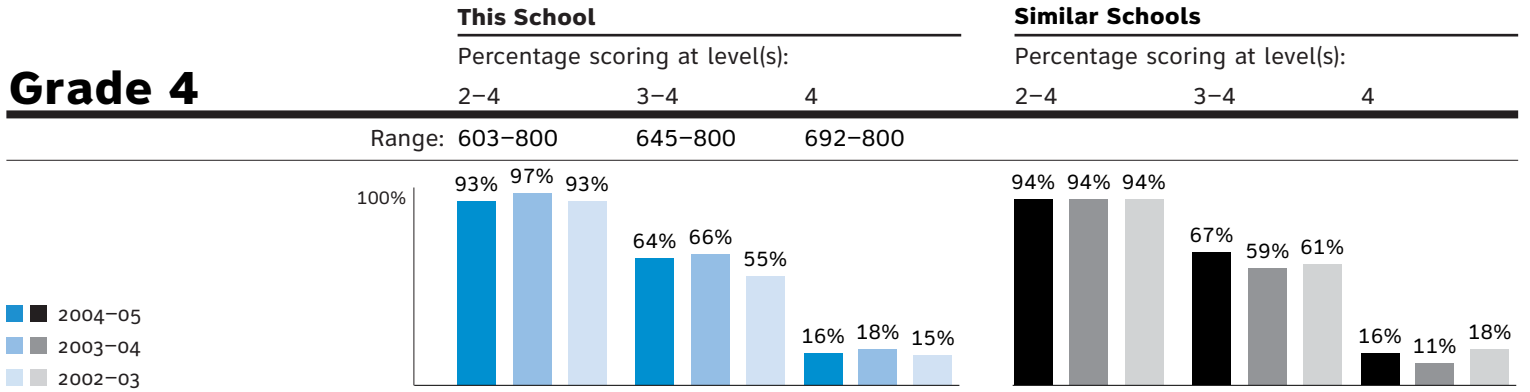
Other Assessments

	2005-06 School Year				2004-05 School Year			
	Total Tested	Number scoring at level(s):			Total Tested	Number scoring at level(s):		
		2-4	3-4	4		2-4	3-4	4
New York State Alternate Assessment (NYSAA): Grade 5 Equivalent	0				This test was not given in 2004-05.			

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

Previous Years' Results for English Language Arts

Standards for elementary- and middle-level English language arts and mathematics assessments administered in 1999 through 2005 are different from those for the 2006 assessments. As such, valid comparisons between 2006 data and data from previous years cannot be made.



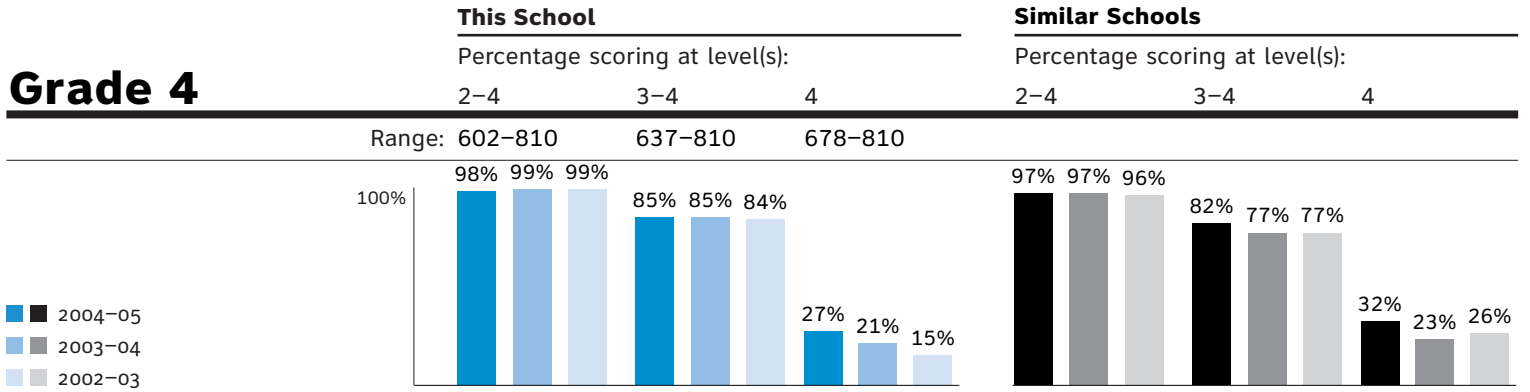
Number of students scoring at each performance level:

Test Date	Level 1	Level 2	Level 3	Level 4	Total Tested	Mean Score
Feb 2005	6	25	42	14	87	653
Feb 2004	3	27	43	16	89	661
Feb 2003	6	35	37	14	92	652

School **MACARTHUR SCHOOL** District **BINGHAMTON CITY SCHOOL DISTRICT**

Previous Years' Results for Mathematics

Standards for elementary- and middle-level English language arts and mathematics assessments administered in 1999 through 2005 are different from those for the 2006 assessments. As such, valid comparisons between 2006 data and data from previous years cannot be made.



Number of students scoring at each performance level:

Test Date	Level 1	Level 2	Level 3	Level 4	Total Tested	Mean Score
May 2005	2	11	51	24	88	659
May 2004	1	12	56	18	87	660
May 2003	1	13	59	13	86	655