

The University of the State of New York  
**The State Education Department**



**OVERVIEW OF DISTRICT PERFORMANCE IN  
ENGLISH LANGUAGE ARTS, MATHEMATICS, AND SCIENCE  
AND  
ANALYSIS OF STUDENT SUBGROUP PERFORMANCE  
for  
Gowanda Central School District**

**February 2004**

# THE UNIVERSITY OF THE STATE OF NEW YORK

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The *New York State District 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 student performance and other measures of district performance. Knowledge gained from the district report card on a district's strengths and weaknesses can be used to improve instruction and services to students.

The *New York State District Report Card* consists of three parts: the *Overview of District Performance in English Language Arts, Mathematics, and Science and Analysis of Student Subgroup Performance*, the *Comprehensive Information Report*, and the *District Accountability Report*. The *Overview and Analysis* presents performance data on measures required by the federal No Child Left Behind Act: English, mathematics, science, and graduation rate. Performance data on other State assessments can be found in the *Comprehensive Information Report*. The *District Accountability Report* provides information as to whether a district is making adequate progress toward enabling all students to achieve proficiency in English and mathematics.

State assessments are designed to help ensure that all students reach high learning standards. They show whether students are getting the foundation knowledge 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.

In the *Overview*, performance on the elementary- and middle-level assessments in English language arts and mathematics and on the middle-level science test is reported in terms of mean scores and the percentage of students scoring at each of the four levels. These levels indicate performance on the standards from seriously deficient to advanced proficiency. Performance on the elementary-level science test is reported in terms of mean scores and the percentage of students making appropriate progress. Regents examination scores are reported in four score ranges. Scores of 65 to 100 are passing; scores of 55 to 64 earn credit toward a local diploma (with the approval of the local board of education). Though each elementary- and middle-level assessment is administered to students in a specific grade, secondary-level assessments are taken by students when they complete the coursework for the core curriculum. Therefore, the performance of students at the secondary level is measured for a student cohort rather than a group of students at a particular grade level. Students are grouped in cohorts according to the year in which they first entered grade 9.

The assessment data in the *Overview and Analysis* are for all tested students in the district, including general-education students and students with disabilities. In the *Overview*, each district's performance is compared with that of all public schools statewide. In the *Analysis*, performance is disaggregated by race/ethnicity, disability status, gender, LEP status, income level, and migrant status.

Explanations of terms referred to or symbols used in this part of the district report card may be found in the glossary on the last page. Further information on the district report card may be found in the guide, *Understanding Your School Report Card: February 2004*, available on the Information and Reporting Services Web site at [www.emsc.nysed.gov/irts](http://www.emsc.nysed.gov/irts).

# Overview of District Performance in English Language Arts, Mathematics, and Science

## District Profile

Superintendent: Charles J. Rinaldi		Phone: (716)532-3325
<b>Organization</b> <b>2002-03</b>	Grade Range	Student Enrollment
	NA	1474

<b>2001-02 District-wide Total Expenditure per Pupil</b>	\$13,110
<b>2001-02 NYS Public Schools Total Expenditure per Pupil</b>	\$12,265

### 2002-03 Percentage of Core Classes Taught by Highly Qualified Teachers\*

Number of Core Classes	Percent Taught by Highly Qualified Teachers
305	96%

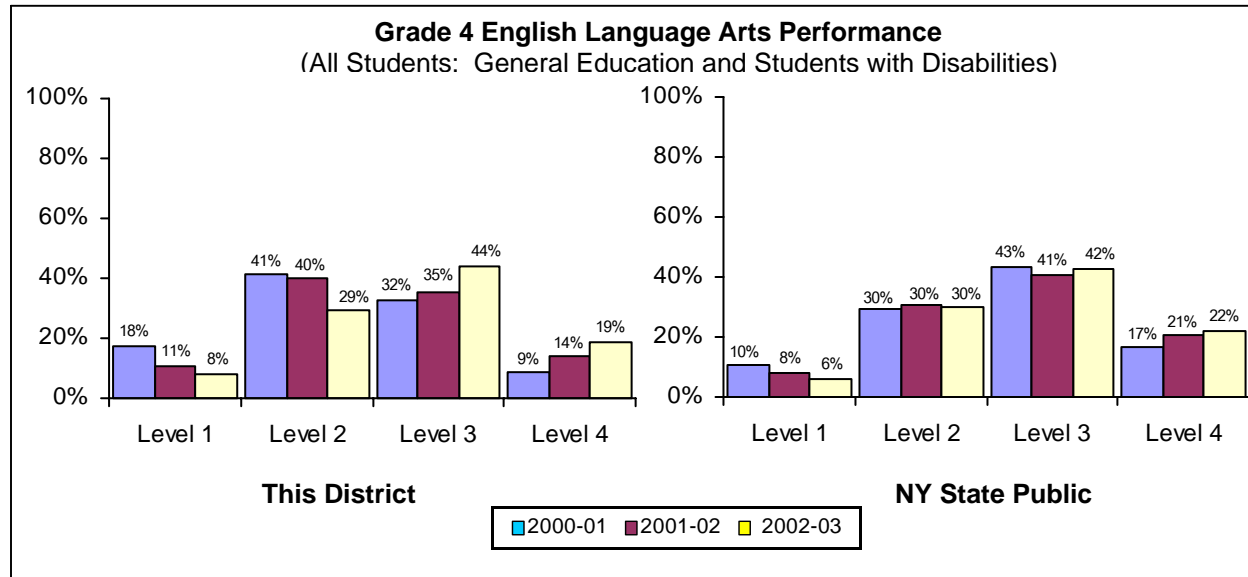
\*For the 2002-03 school year, SED is reporting that teachers of core classes are highly qualified if they are certified to teach those classes. However, No Child Left Behind (NCLB) imposes requirements beyond certification for some teachers to be considered highly qualified. In future years, when New York State uses the NCLB criteria for reporting, certified teachers must fulfill all NCLB requirements to be counted as highly qualified.

### 2002-03 Percentage of Teachers with No Valid Teaching Certificate\*

Number of Teachers	Percent with No Valid Teaching Certificate
127	2%

\*This count includes teachers with temporary licenses who do not have a valid permanent, provisional, or transitional teaching certificate.

## Elementary Level English Language Arts



Performance at This District	Counts of Students Tested					Mean Score
	Level 1 455–602	Level 2 603–644	Level 3 645–691	Level 4 692–800	Total	
Jan–Feb 2001	20	47	37	10	114	637
Jan–Feb 2002	11	41	36	14	102	647
Feb 2003	9	33	49	21	112	655

Elementary-Level English Language Arts Levels — Listening, Reading, and Writing Standards	
<b>Level 4</b>	These students <b>exceed the standards</b> and are moving toward high performance on the Regents examination.
<b>Level 3</b>	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards and pass the Regents examination.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> .

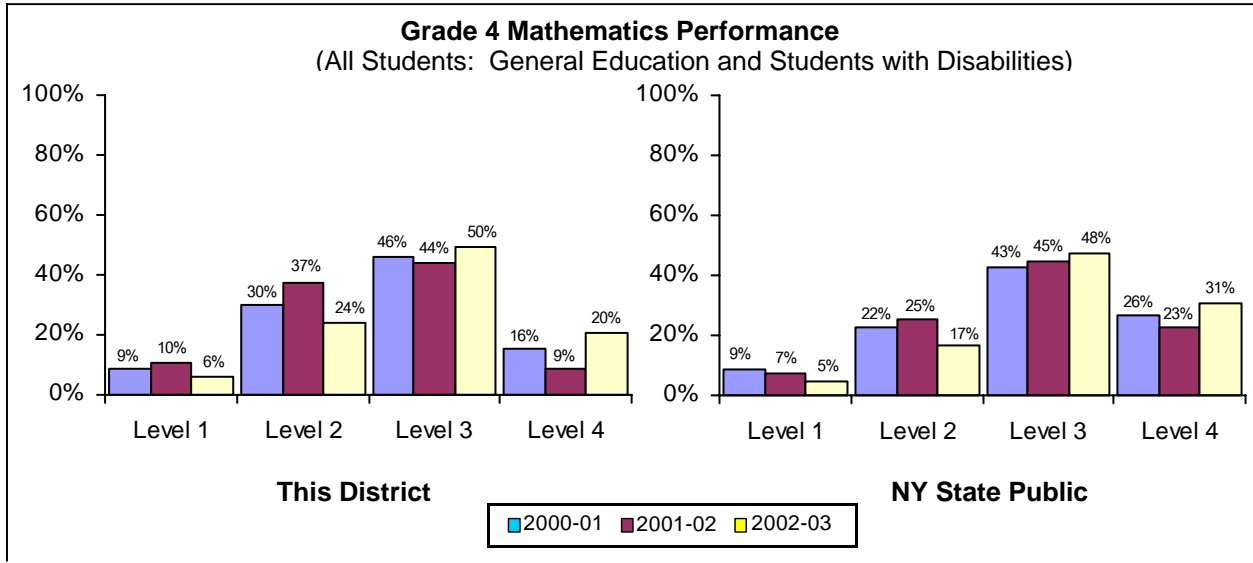
### Performance of Limited English Proficient Students Taking the New York State English as a Second Language Achievement Test (NYSESLAT) as the Measure of English Language Arts Achievement

Grade 4	Number Tested	Level 1	Level 2	Level 3	Level 4
2003	0	0	0	0	0

### Performance of Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA) in English

Elementary Level	Number Tested	AA–Level 1	AA–Level 2	AA–Level 3	AA–Level 4
2002–03	1	#	#	#	#

## Elementary Level Mathematics



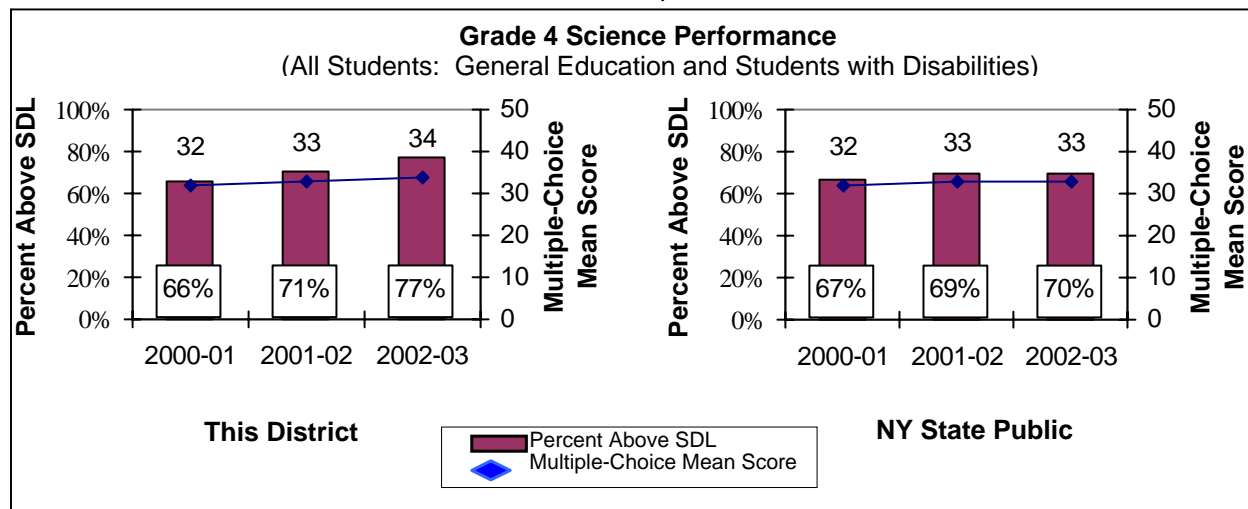
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 448-601	Level 2 602-636	Level 3 637-677	Level 4 678-810	Total	
May 2001	10	35	53	18	116	646
May 2002	11	39	46	9	105	638
May 2003	7	27	56	23	113	653

Elementary-Level Mathematics Levels — Knowledge, Reasoning, and Problem-Solving Standards	
<b>Level 4</b>	These students <b>exceed the standards</b> and are moving toward high performance on the Regents examination.
<b>Level 3</b>	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards and pass the Regents examination.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> .

### Performance of Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA) in Mathematics

Elementary Level	Number Tested	AA-Level 1	AA-Level 2	AA-Level 3	AA-Level 4
2002-03	1	#	#	#	#

## Elementary Level Science Multiple-Choice



### All Students

	Number Tested	Number Above SDL	Mean Score
<b>May 2001</b>	115	76	32
<b>May 2002</b>	102	72	33
<b>May 2003</b>	112	86	34

Grade 4 Science — Knowledge, Reasoning, and Problem-Solving Standards	
<b>Multiple-Choice Test Component</b>	This component contains 45 multiple-choice questions based upon the New York State <i>Elementary Science Syllabus</i> and referenced to the New York State <i>Learning Standards for Mathematics, Science and Technology</i> (Elementary Level).
<b>State Designated Level (SDL)</b>	Students who correctly answer fewer than 30 of the 45 questions of the multiple-choice test component must receive academic intervention services in the following term of instruction.
<b>Mean Scores</b>	For the multiple-choice test component, the mean score is the average number of correct answers for students tested. If all tested students answered all questions correctly, this score would be 45.

## Elementary Level Science Performance Test

The elementary-level science test is composed of two sections, the multiple-choice section (described above) and the performance test. The performance test is not used to determine the need for academic intervention services or for accountability purposes because not all students are administered the same three tasks.

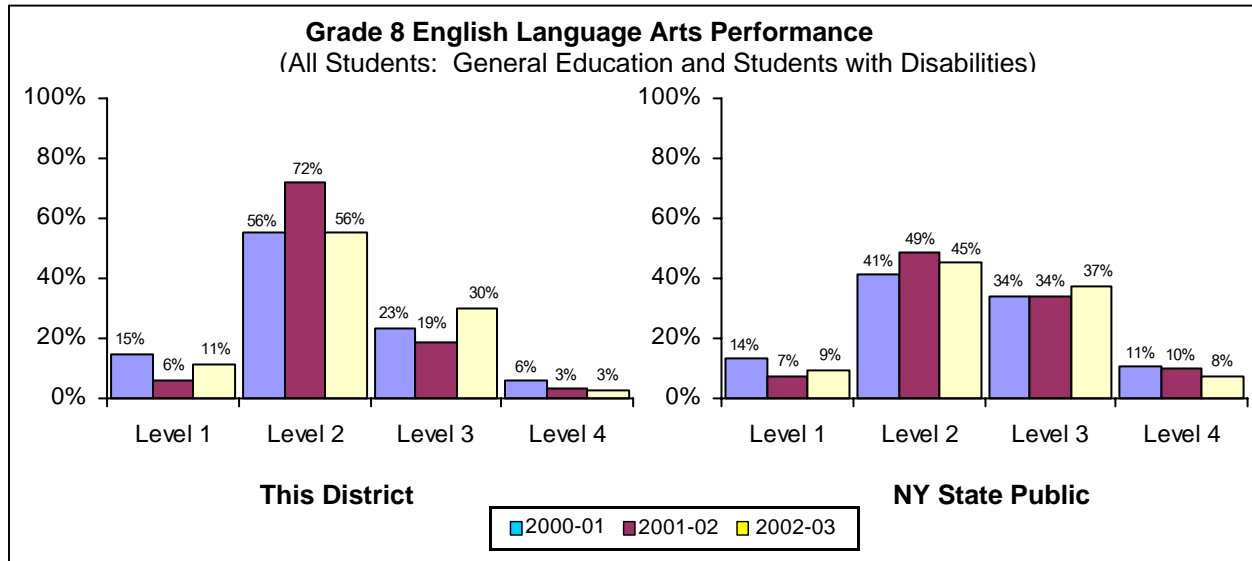
### All Students

	Number Tested	Mean Score
<b>May 2001</b>	112	30
<b>May 2002</b>	104	27
<b>May 2003</b>	110	32

### Performance of Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA) in Science

Elementary Level	Number Tested	AA–Level 1	AA–Level 2	AA–Level 3	AA–Level 4
<b>2002–03</b>	1	#	#	#	#

## Middle Level English Language Arts



Performance at This District	Counts of Students Tested					Mean Score
	Level 1 527-661	Level 2 662-700	Level 3 701-738	Level 4 739-830	Total	
May 2001	17	64	27	7	115	688
March 2002	7	85	22	4	118	687
January 2003	16	79	43	4	142	686

Middle-Level English Language Arts Levels – Listening, Reading, and Writing Standards	
<b>Level 4</b>	These students <b>exceed the standards</b> and are moving toward high performance on the Regents examination.
<b>Level 3</b>	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards and pass the Regents examination.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> .

### Performance of Limited English Proficient Students Taking the New York State English as a Second Language Achievement Test (NYSESLAT) as the Measure of English Language Arts Achievement

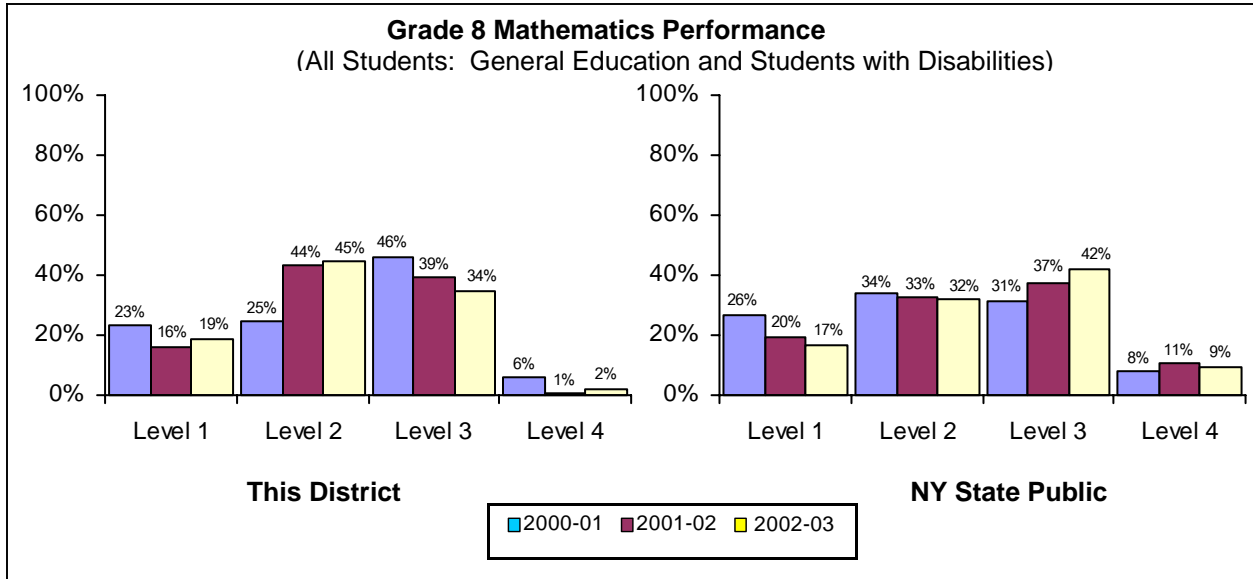
Grade 8	Number Tested	Level 1	Level 2	Level 3	Level 4
2003	0	0	0	0	0

### Performance of Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA) in English

Grade 8	Number Tested	AA-Level 1	AA-Level 2	AA-Level 3	AA-Level 4
2002-03	0	0	0	0	0



## Middle Level Mathematics



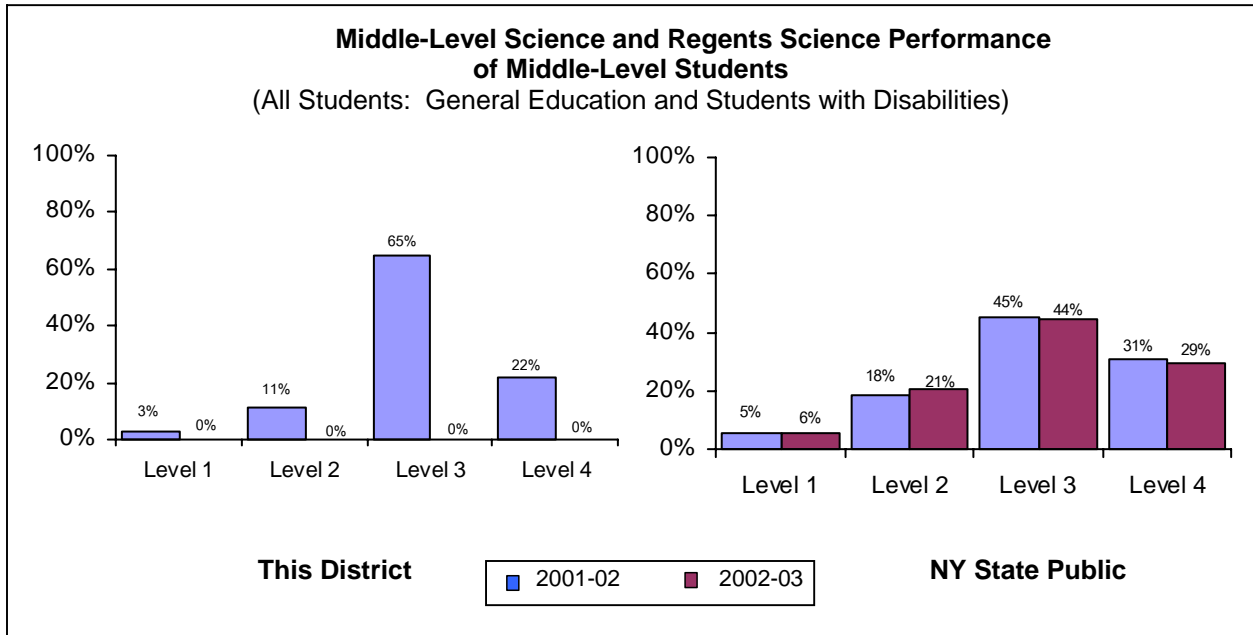
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 517-680	Level 2 681-715	Level 3 716-759	Level 4 760-882	Total	
May 2001	27	29	53	7	116	706
May 2002	19	51	46	1	117	707
May 2003	27	65	50	3	145	706

Middle-Level Mathematics Levels — Knowledge, Reasoning, and Problem-Solving Standards	
<b>Level 4</b>	These students <b>exceed the standards</b> and are moving toward high performance on the Regents examination.
<b>Level 3</b>	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards and pass the Regents examination.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> .

### Performance of Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA) in Mathematics

Middle Level	Number Tested	AA-Level 1	AA-Level 2	AA-Level 3	AA-Level 4
2002-03	0	0	0	0	0

## Middle Level Science



Performance at This District		Counts of Students Tested					Mean Score
		Level 1	Level 2	Level 3	Level 4	Total	
June 2002	Middle-Level Science	3	13	75	25	116	75
	Regents Science	0	0	0	0	0	0
January/	Middle-Level Science	1	25	78	35	139	76
June 2003	Regents Science	#	#	#	#	1	#

Middle-Level Science Levels — Knowledge, Reasoning, and Problem-Solving Standards*	
<b>Level 4</b>	These students <b>exceed the standards</b> on the middle-level science test and are moving toward high performance on the Regents examinations <u>or</u> score 85–100 on a Regents science examination.
<b>Level 3</b>	These students <b>meet the standards</b> on the middle-level science test and, with continued steady growth, should pass the Regents examinations <u>or</u> score 65–84 on a Regents science examination.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards for middle-level science and to pass the Regents examinations <u>or</u> score 55–64 on a Regents science examination.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> as evidenced in the middle-level science test <u>or</u> score 0–54 on a Regents science examination.

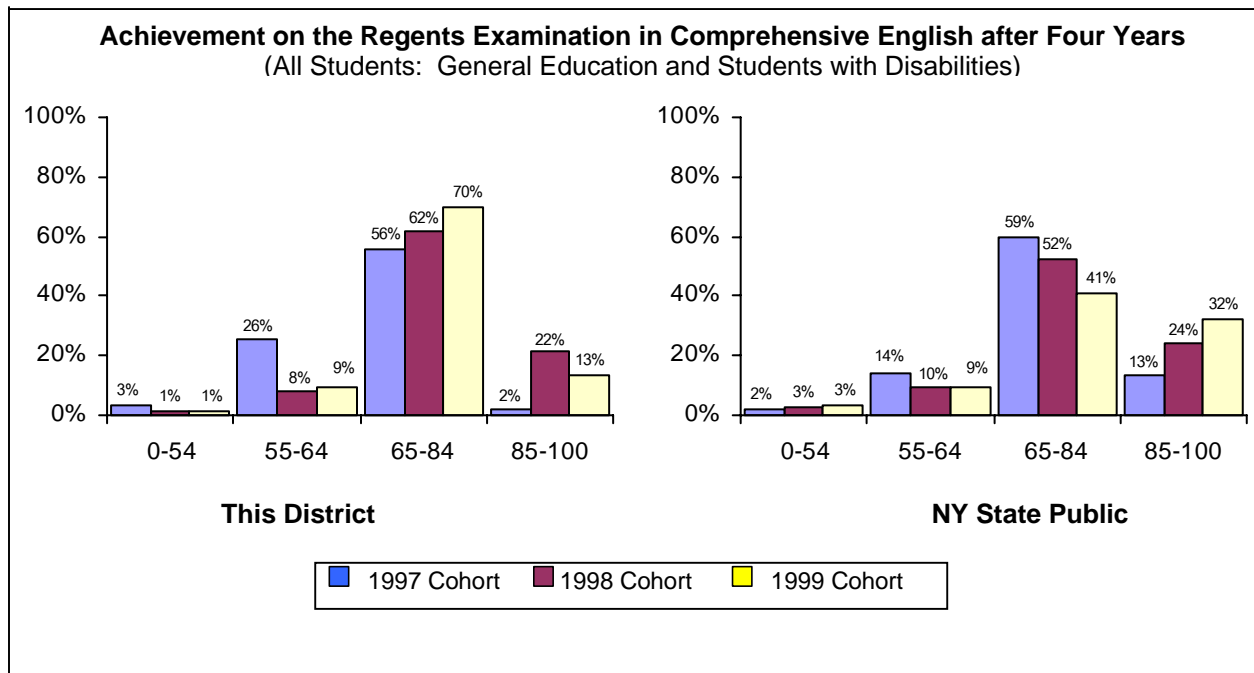
\*Students may demonstrate proficiency in middle-level science by scoring at Level 3 or above on the middle-level science test or by scoring 65 or above on a Regents examination in science.

### Performance of Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA) in Science

Middle-Level	Number Tested	AA–Level 1	AA–Level 2	AA–Level 3	AA–Level 4
<b>2002–03</b>	0	0	0	0	0

# High School English Achievement after Four Years of Instruction

The graph and table below present performance of the 1997, 1998, and 1999 cohort members, four years after entering grade 9, in meeting the graduation assessment requirement in English. A score of 65 or above on the Regents comprehensive examination in English is considered passing. Only the highest score of each student is counted, regardless of how many times the student took the examination. In the graph, students passing approved alternatives to this examination are counted as scoring in the 65 to 84 range. RCT results are not included in the graph. In the first table, the numbers of students who met the graduation requirement by passing an approved alternative are listed separately. The second table shows the competency test performance of students with disabilities eligible for the safety net who did not score 55 or above on a Regents examination or approved alternative. Students who score 55 to 64 on the Regents examination in comprehensive English may be given credit towards a local high school diploma if allowed by the district board of education. The data in these tables and chart show the performance of the cohorts as of June 30<sup>th</sup> of the fourth year after first entering grade 9. Data for the 1999 cohort include all students in cohorts in the district's schools, students continuously enrolled in the district who transferred between schools within the district, and students placed outside the district but who are the reporting responsibility of the district. Data for the 1998 cohort include all students in cohorts in the district's schools.



English Graduation Requirement Achievement after Four Years of High School*						
	Cohort Members All Students	Highest Score Between 0 and 54	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit
<b>1997 Cohort</b>	86	3	22	48	2	0
<b>1998 Cohort</b>	97	1	8	60	21	0
<b>1999 Cohort</b>	99	1	9	69	13	0

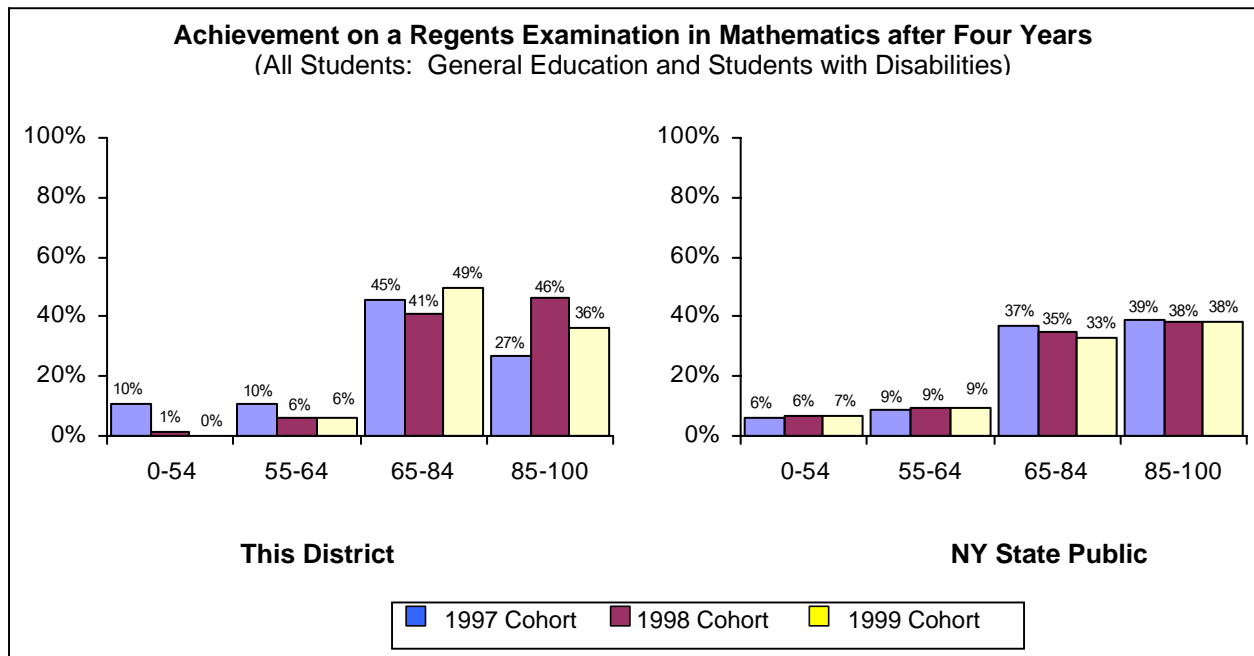
\*Assessments used to determine counts in this table include the Regents examination in comprehensive English, the component retest in English, and approved alternatives.

Performance of Students Who Took the Regents Competency Tests in Reading and Writing to Meet the Graduation Requirement*		
	Passed the RCTs	Failed RCT in Reading and/or Writing
<b>1997 Cohort</b>	1	0
<b>1998 Cohort</b>	1	0
<b>1999 Cohort</b>	2	0

\*Includes only students eligible for the safety net who did not score 55 or higher on the Regents examination or an approved alternative.

# High School Mathematics Achievement after Four Years of Instruction

The graph and table below present performance of the 1997, 1998, and 1999 cohort members, four years after entering grade 9, in meeting the graduation assessment requirement in mathematics. A score of 65 or above on a Regents examination in mathematics is considered passing. Only the highest score of each student is counted, regardless of how many times the student took the examination. In the graph, students passing approved alternatives to these examinations are counted as scoring in the 65 to 84 range. RCT results are not included in the graph. In the first table, the numbers of students who met the graduation requirement by passing an approved alternative are listed separately. The second table shows the competency test performance of students with disabilities eligible for the safety net who did not score 55 or above on a Regents examination or approved alternative. Students who score 55 to 64 on a Regents examination in mathematics may be given credit towards a local high school diploma if allowed by the district board of education. The data in these tables and chart show the performance of the cohorts as of June 30<sup>th</sup> of the fourth year after first entering grade 9. Data for the 1999 cohort include all students in cohorts in the district's schools, students continuously enrolled in the district who transferred between schools within the district, and students placed outside the district but who are the reporting responsibility of the district. Data for the 1998 cohort include all students in cohorts in the district's schools.



Mathematics Graduation Requirement Achievement after Four Years of High School*						
	Cohort Members All Students	Highest Score Between 0 and 54	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit
1997 Cohort	86	9	9	39	23	0
1998 Cohort	97	1	6	40	45	0
1999 Cohort	99	0	6	49	36	0

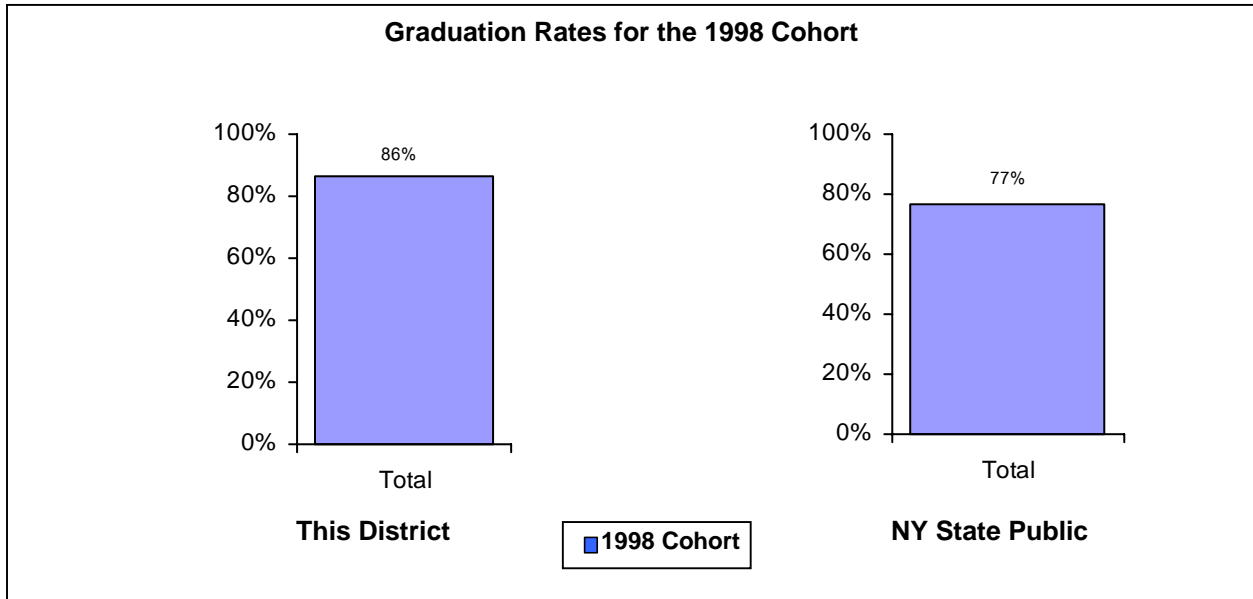
\*Assessments used to determine counts in this table include a Regents examination in mathematics, the component retest in mathematics, and approved alternatives.

Performance of Students Who Took the Regents Competency Test in Mathematics to Meet the Graduation Requirement*		
	Passed the RCT	Failed at Least One RCT
1997 Cohort	2	0
1998 Cohort	3	0
1999 Cohort	3	0

\*Includes only students eligible for the safety net who did not score 55 or higher on the Regents examination or an approved alternative.

## Cohort Graduation Rates

Students were counted as graduates if they earned a local diploma with or without a Regents endorsement by August 31<sup>st</sup> of the fourth year after first entering grade 9. The graduation-rate cohort includes students who transferred to general education development (GED) programs. These students were not counted in the 1998 school accountability cohort for English and mathematics.



Cohort Graduation Rates				
	Cohort Members* (a)	Transfers to GED (b)	Graduation Rate Cohort Members (a+b)	Number Graduated
1998 Cohort	98	4	102	88

\*Count as of August 31<sup>st</sup> of the fourth year after first entering grade 9.

## Analysis of Student Subgroup Performance

Historically, on State assessments the average performance of Black, Hispanic, and Native American students has been lower than that of White and Asian students. Similarly, students from low-income families have not performed as well as those from higher income families. A high priority of the Board of Regents is to eliminate these gaps in student performance. In addition, Title I of the federal Elementary and Secondary Education Act includes explicit requirements “to ensure that students served by Title I are given the same opportunity to achieve to high standards and are held to the same high expectations as all students in each State.”

This section of the district report card provides performance data for two years by racial/ethnic group, disability status, gender, English proficiency status, income level, and migrant status. The purpose of the student subgroup analyses is to determine if students who perform below the standards in any school tend to fall into particular groups, such as minority students, limited English proficient students, or economically disadvantaged students. If these analyses provide evidence that students in one of the groups achieve at a lower level than other students, the district should examine the reasons for this lower performance and make necessary changes in curriculum, instruction, and student support services to remedy these performance gaps. If your district did not report data for the 2002-03 school year for a subject and grade, a table showing data for subgroups in that subject and grade will not be included in the *Analysis*.

## Elementary Level English Language Arts

Student Subgroup	2001-02				2002-03			
	Tested	Percentages of Tested Students Scoring at Levels			Tested	Percentages of Tested Students Scoring at Levels		
		2-4	3-4	4		2-4	3-4	4
<b>Results by Race/Ethnicity</b>								
American Indian/Alaskan Native	24	s	s	s	37	s	s	s
Black	0	0%	0%	0%	1	s	s	s
Hispanic	1	s	s	s	0	0%	0%	0%
Asian or Pacific Islander	0	0%	0%	0%	1	s	s	s
White	77	92%	52%	14%	73	93%	64%	21%
Total	102	89%	49%	14%	112	92%	63%	19%
Small Group Totals (s)	25	80%	40%	12%	39	90%	59%	15%
<b>Results by Disability Status</b>								
General-education students	87	95%	57%	16%	97	97%	71%	22%
Students with disabilities	15	53%	0%	0%	15	60%	7%	0%
Total	102	89%	49%	14%	112	92%	63%	19%
<b>Results by Gender</b>								
Female	45	91%	47%	20%	60	95%	68%	25%
Male	57	88%	51%	9%	52	88%	56%	12%
Total	102	89%	49%	14%	112	92%	63%	19%
<b>Results by English Proficiency Status</b>								
English proficient	102	89%	49%	14%	112	92%	63%	19%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	102	89%	49%	14%	112	92%	63%	19%
<b>Results by Income Level</b>								
Economically disadvantaged	51	84%	31%	10%	57	86%	49%	14%
Not disadvantaged	51	94%	67%	18%	55	98%	76%	24%
Total	102	89%	49%	14%	112	92%	63%	19%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	102	89%	49%	14%	112	92%	63%	19%
Total	102	89%	49%	14%	112	92%	63%	19%

## Elementary Level Mathematics

Student Subgroup	2001-02				2002-03			
	Tested	Percentages of Tested Students Scoring at Levels			Tested	Percentages of Tested Students Scoring at Levels		
		2-4	3-4	4		2-4	3-4	4
<b>Results by Race/Ethnicity</b>								
American Indian/Alaskan Native	26	s	s	s	37	s	s	s
Black	0	0%	0%	0%	1	s	s	s
Hispanic	1	s	s	s	0	0%	0%	0%
Asian or Pacific Islander	0	0%	0%	0%	2	s	s	s
White	78	94%	58%	9%	73	95%	74%	25%
Total	105	90%	52%	9%	113	94%	70%	20%
Small Group Totals (s)	27	78%	37%	7%	40	93%	63%	13%
<b>Results by Disability Status</b>								
General-education students	88	98%	63%	10%	98	97%	76%	23%
Students with disabilities	17	47%	0%	0%	15	73%	33%	0%
Total	105	90%	52%	9%	113	94%	70%	20%
<b>Results by Gender</b>								
Female	47	87%	49%	6%	61	90%	66%	16%
Male	58	91%	55%	10%	52	98%	75%	25%
Total	105	90%	52%	9%	113	94%	70%	20%
<b>Results by English Proficiency Status</b>								
English proficient	105	90%	52%	9%	113	94%	70%	20%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	105	90%	52%	9%	113	94%	70%	20%
<b>Results by Income Level</b>								
Economically disadvantaged	51	82%	37%	0%	57	93%	58%	14%
Not disadvantaged	54	96%	67%	17%	56	95%	82%	27%
Total	105	90%	52%	9%	113	94%	70%	20%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	105	90%	52%	9%	113	94%	70%	20%
Total	105	90%	52%	9%	113	94%	70%	20%



**Elementary Level**  
Science Multiple-Choice

Student Subgroup	2001-02		2002-03	
	Tested	Percentages of Tested Students Scoring above the SDL	Tested	Percentages of Tested Students Scoring above the SDL
<b>Results by Race/Ethnicity</b>				
American Indian/Alaskan Native	25	s	36	s
Black	0	0%	1	s
Hispanic	1	s	0	0%
Asian or Pacific Islander	0	0%	2	s
White	76	72%	73	81%
Total	102	71%	112	77%
Small Group Totals (s)	26	65%	39	69%
<b>Results by Disability Status</b>				
General-education students	86	80%	98	82%
Students with disabilities	16	19%	14	43%
Total	102	71%	112	77%
<b>Results by Gender</b>				
Female	46	72%	61	79%
Male	56	70%	51	75%
Total	102	71%	112	77%
<b>Results by English Proficiency Status</b>				
English proficient	102	71%	112	77%
Limited English proficient	0	0%	0	0%
Total	102	71%	112	77%
<b>Results by Income Level</b>				
Economically disadvantaged	48	65%	56	66%
Not disadvantaged	54	76%	56	88%
Total	102	71%	112	77%
<b>Results by Migrant Status</b>				
Migrant family	0	0%	0	0%
Not migrant family	102	71%	112	77%
Total	102	71%	112	77%

**Middle Level**  
English Language Arts

Student Subgroup	2001-02				2002-03			
	Tested	Percentages of Tested Students Scoring at Levels			Tested	Percentages of Tested Students Scoring at Levels		
		2-4	3-4	4		2-4	3-4	4
<b>Results by Race/Ethnicity</b>								
American Indian/Alaskan Native	38	92%	0%	0%	44	84%	25%	0%
Black	0	0%	0%	0%	0	0%	0%	0%
Hispanic	0	0%	0%	0%	0	0%	0%	0%
Asian or Pacific Islander	0	0%	0%	0%	0	0%	0%	0%
White	80	95%	33%	5%	98	91%	37%	4%
Total	118	94%	22%	3%	142	89%	33%	3%
Small Group Totals (s)	0	0%	0%	0%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	99	97%	26%	4%	117	96%	39%	3%
Students with disabilities	19	79%	0%	0%	25	56%	4%	0%
Total	118	94%	22%	3%	142	89%	33%	3%
<b>Results by Gender</b>								
Female	67	99%	27%	4%	76	97%	39%	3%
Male	51	88%	16%	2%	66	79%	26%	3%
Total	118	94%	22%	3%	142	89%	33%	3%
<b>Results by English Proficiency Status</b>								
English proficient	118	94%	22%	3%	142	89%	33%	3%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	118	94%	22%	3%	142	89%	33%	3%
<b>Results by Income Level</b>								
Economically disadvantaged	61	89%	18%	3%	65	82%	23%	2%
Not disadvantaged	57	100%	26%	4%	77	95%	42%	4%
Total	118	94%	22%	3%	142	89%	33%	3%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	118	94%	22%	3%	142	89%	33%	3%
Total	118	94%	22%	3%	142	89%	33%	3%

**Middle Level  
Mathematics**

Student Subgroup	2001-02				2002-03			
	Tested	Percentages of Tested Students Scoring at Levels			Tested	Percentages of Tested Students Scoring at Levels		
		2-4	3-4	4		2-4	3-4	4
<b>Results by Race/Ethnicity</b>								
American Indian/Alaskan Native	35	s	s	s	47	77%	23%	0%
Black	0	0%	0%	0%	0	0%	0%	0%
Hispanic	1	s	s	s	0	0%	0%	0%
Asian or Pacific Islander	0	0%	0%	0%	0	0%	0%	0%
White	81	88%	48%	1%	98	84%	43%	3%
Total	117	84%	40%	1%	145	81%	37%	2%
Small Group Totals (s)	36	75%	22%	0%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	97	93%	47%	1%	120	90%	43%	3%
Students with disabilities	20	40%	5%	0%	25	40%	8%	0%
Total	117	84%	40%	1%	145	81%	37%	2%
<b>Results by Gender</b>								
Female	67	88%	43%	0%	78	90%	42%	3%
Male	50	78%	36%	2%	67	72%	30%	1%
Total	117	84%	40%	1%	145	81%	37%	2%
<b>Results by English Proficiency Status</b>								
English proficient	117	84%	40%	1%	145	81%	37%	2%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	117	84%	40%	1%	145	81%	37%	2%
<b>Results by Income Level</b>								
Economically disadvantaged	60	73%	35%	2%	66	76%	27%	2%
Not disadvantaged	57	95%	46%	0%	79	86%	44%	3%
Total	117	84%	40%	1%	145	81%	37%	2%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	117	84%	40%	1%	145	81%	37%	2%
Total	117	84%	40%	1%	145	81%	37%	2%

## Middle Level

### Science

Student Subgroup	2001-02				2002-03			
	Tested	Percentages of Tested Students Scoring at Levels			Tested	Percentages of Tested Students Scoring at Levels		
		2-4	3-4	4		2-4	3-4	4
<b>Results by Race/Ethnicity</b>								
American Indian/Alaskan Native	37	s	s	s	44	98%	68%	14%
Black	0	0%	0%	0%	0	0%	0%	0%
Hispanic	1	s	s	s	0	0%	0%	0%
Asian or Pacific Islander	0	0%	0%	0%	0	0%	0%	0%
White	78	100%	91%	31%	95	100%	87%	31%
Total	116	97%	86%	22%	139	99%	81%	25%
Small Group Totals (s)	38	92%	76%	3%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	96	98%	91%	26%	114	100%	89%	29%
Students with disabilities	20	95%	65%	0%	25	96%	44%	8%
Total	116	97%	86%	22%	139	99%	81%	25%
<b>Results by Gender</b>								
Female	66	97%	89%	23%	74	100%	88%	24%
Male	50	98%	82%	20%	65	98%	74%	26%
Total	116	97%	86%	22%	139	99%	81%	25%
<b>Results by English Proficiency Status</b>								
English proficient	116	97%	86%	22%	139	99%	81%	25%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	116	97%	86%	22%	139	99%	81%	25%
<b>Results by Income Level</b>								
Economically disadvantaged	59	95%	81%	15%	65	100%	75%	17%
Not disadvantaged	57	100%	91%	28%	74	99%	86%	32%
Total	116	97%	86%	22%	139	99%	81%	25%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	116	97%	86%	22%	139	99%	81%	25%
Total	116	97%	86%	22%	139	99%	81%	25%

## 1998 and 1999 High School Cohorts

General-education students who first entered ninth grade in 1998 or 1999 must score 55 or higher on Regents English and mathematics examinations to graduate. During the phase-in of the Regents examination graduation requirements, all students (with district board of education approval) may qualify for a local diploma by earning a score of 55–64 on the required Regents examinations; a score of 65 or higher is required for a Regents diploma. Students with disabilities and certain students with a Section 504 Accommodation Plan may qualify for a local diploma by passing Regents competency tests. The data in these tables show the performance of the cohorts as of June 30<sup>th</sup> of the fourth year after first entering grade 9.

### Performance on the English Assessment Requirement for Graduation after Four Years of High School

Student Subgroup	1998 Cohort					1999 Cohort				
	Students in Cohort	Count of Students by Score			Percent Meeting Graduation Requirement	Students in Cohort	Count of Students by Score			Percent Meeting Graduation Requirement
		Regents		Pass-ed RCTs			Regents		Pass-ed RCTs	
		55–64	65–100				55–64	65–100		
<b>Results by Race/Ethnicity</b>										
American Indian/Alaskan Native	20	4	13	0	85%	15	s	s	s	s
Black	0	0	0	0	0%	1	s	s	s	s
Hispanic	0	0	0	0	0%	0	0	0	0	0%
Asian or Pacific Islander	0	0	0	0	0%	0	0	0	0	0%
White	77	4	68	1	95%	83	6	72	2	96%
Total	97	8	81	1	93%	99	9	82	2	94%
Small Group Totals (s)	0	0	0	0	0%	16	3	10	0	81%
<b>Results by Disability Status</b>										
General-education students	94	s	s	s	s	93	9	79	0	95%
Students with disabilities	3	s	s	s	s	6	0	3	2	83%
Total	97	8	81	1	93%	99	9	82	2	94%
<b>Results by Gender</b>										
Female	45	4	39	1	98%	44	2	39	0	93%
Male	52	4	42	0	88%	55	7	43	2	95%
Total	97	8	81	1	93%	99	9	82	2	94%
<b>Results by English Proficiency Status</b>										
English proficient	97	8	81	1	93%	99	9	82	2	94%
Limited English proficient	0	0	0	0	0%	0	0	0	0	0%
Total	97	8	81	1	93%	99	9	82	2	94%
<b>Results by Income Level</b>										
Economically disadvantaged	31	5	24	0	94%	33	2	28	1	94%
Not disadvantaged	66	3	57	1	92%	66	7	54	1	94%
Total	97	8	81	1	93%	99	9	82	2	94%
<b>Results by Migrant Status</b>										
Migrant family	0	0	0	0	0%	0	0	0	0	0%
Not migrant family	97	8	81	1	93%	99	9	82	2	94%
Total	97	8	81	1	93%	99	9	82	2	94%

**Performance on the Mathematics Assessment Requirement  
for Graduation after Four Years of High School**

Student Subgroup	1998 Cohort					1999 Cohort				
	Students in Cohort	Count of Students by Score			Percent Meeting Graduation Requirement	Students in Cohort	Count of Students by Score			Percent Meeting Graduation Requirement
		Regents		Pass-ed RCTs			Regents		Pass-ed RCTs	
		55-64	65-100				55-64	65-100		
<b>Results by Race/Ethnicity</b>										
American Indian/Alaskan Native	20	3	14	1	90%	15	s	s	s	s
Black	0	0	0	0	0%	1	s	s	s	s
Hispanic	0	0	0	0	0%	0	0	0	0	0%
Asian or Pacific Islander	0	0	0	0	0%	0	0	0	0	0%
White	77	3	71	2	99%	83	5	74	3	99%
Total	97	6	85	3	97%	99	6	85	3	95%
Small Group Totals (s)	0	0	0	0	0%	16	1	11	0	75%
<b>Results by Disability Status</b>										
General-education students	94	s	s	s	s	93	6	83	0	96%
Students with disabilities	3	s	s	s	s	6	0	2	3	83%
Total	97	6	85	3	97%	99	6	85	3	95%
<b>Results by Gender</b>										
Female	45	3	39	2	98%	44	3	38	0	93%
Male	52	3	46	1	96%	55	3	47	3	96%
Total	97	6	85	3	97%	99	6	85	3	95%
<b>Results by English Proficiency Status</b>										
English proficient	97	6	85	3	97%	99	6	85	3	95%
Limited English proficient	0	0	0	0	0%	0	0	0	0	0%
Total	97	6	85	3	97%	99	6	85	3	95%
<b>Results by Income Level</b>										
Economically disadvantaged	31	3	25	2	97%	33	3	28	1	97%
Not disadvantaged	66	3	60	1	97%	66	3	57	2	94%
Total	97	6	85	3	97%	99	6	85	3	95%
<b>Results by Migrant Status</b>										
Migrant family	0	0	0	0	0%	0	0	0	0	0%
Not migrant family	97	6	85	3	97%	99	6	85	3	95%
Total	97	6	85	3	97%	99	6	85	3	95%

## Cohort Graduation Rates

Students were counted as graduates in the first two columns of this table if they earned a local diploma with or without a Regents endorsement by June 30<sup>th</sup> of the fourth year after first entering grade 9 and in the second two columns if they earned a local diploma with or without a Regents endorsement by August 31<sup>st</sup> of the fourth year after first entering grade 9. The graduation-rate cohort includes students who transferred to general education development (GED) programs. These students were not counted in the 1998 district accountability cohort for English and mathematics.

Student Subgroup	1998 Cohort as of June 30, 2002		1998 Cohort as of August 31, 2002	
	Graduation Rate Cohort	Graduation Rate	Graduation Rate Cohort	Graduation Rate
<b>Results by Race/Ethnicity</b>				
American Indian/Alaskan Native	21	76%	23	70%
Black	0	0%	0	0%
Hispanic	0	0%	0	0%
Asian or Pacific Islander	0	0%	0	0%
White	78	92%	79	91%
Total	99	89%	102	86%
Small Group Totals (s)	0	0%	0	0%
<b>Results by Disability Status</b>				
General-education students	96	s	96	90%
Students with disabilities	3	s	6	33%
Total	99	89%	102	86%
<b>Results by Gender</b>				
Female	46	93%	48	90%
Male	53	85%	54	83%
Total	99	89%	102	86%
<b>Results by English Proficiency Status</b>				
English proficient	99	89%	102	86%
Limited English proficient	0	0%	0	0%
Total	99	89%	102	86%
<b>Results by Income Level</b>				
Economically disadvantaged	33	85%	35	80%
Not disadvantaged	66	91%	67	90%
Total	99	89%	102	86%
<b>Results by Migrant Status</b>				
Migrant family	0	0%	0	0%
Not migrant family	99	89%	102	86%
Total	99	89%	102	86%

## Glossary

**Accountability Cohort:** An accountability cohort is all students, regardless of grade status, who were enrolled in school on BEDS day two years after the year in which they entered grade 9, or, in the case of ungraded students with disabilities, the year in which they reached their seventeenth birthday. (For example, the 1998 accountability cohort consists of all students who first entered grade 9 in the fall of 1998 who were enrolled on October 4, 2000). Certain students with severe disabilities, new immigrants, and students who transfer to programs leading to a high school diploma or high school equivalency diploma are not included in the school accountability cohort. Cohort is defined in Section 100.2 (p) (8) of the Commissioner's Regulations.

**Component Retests:** Component retests were offered in Regents English and Mathematics A to graduating seniors who were at risk of not meeting the State learning standards. Component retesting is the process by which a student who has failed a Regents examination in English or Mathematics A twice is retested only on the areas of the learning standards in which the student has been proven deficient. Component retesting eliminates the need for the student to retake the full Regents examination multiple times. Students who earn credit through component retesting are counted as if they scored in the 55–64 range or in the 65–84 range, as determined by the results of the component retest.

**Counts of Students Tested:** "Counts of Students Tested" includes only students who completed sufficient test questions to receive a score.

**Graduation-Rate Cohort:** Graduation-rate cohort for each year includes all students in the accountability cohort in the previous year plus all students excluded from that accountability cohort solely because they transferred to a general education development (GED) program.

**Limited English Proficient (LEP) Students:** Schools provide special English instruction to students for whom English is a second language so they can participate effectively in the academic program. In 2002–03 and in previous years, students were considered LEP if, by reason of foreign birth or ancestry, they spoke a language other than English and (1) either understood and spoke little or no English or (2) scored at or below the 40<sup>th</sup> percentile on an English language assessment instrument. The United States Department of Education has approved the use of the New York State English as a Second Language Achievement Test (NYSESLAT) as the required measure of language arts proficiency for LEP students in grades 4 and 8 who have attended school in the United States (not including Puerto Rico) for fewer than three consecutive years and for LEP students who have attended for four or five years and have received an exemption from the general assessment requirement.

**New York State Alternate Assessment (NYSAA):** The district Committee on Special Education designates students with severe disabilities who meet criteria established in Commissioner's Regulations to take the New York State Alternate Assessment (NYSAA).

**Student Confidentiality/Suppressed Data (# and s):** To ensure student confidentiality, the Department does *not* publish data for groups with fewer than five students or data that would allow readers to easily determine the performance of a group with fewer than five students. In the *Overview*, the pound character (#) appears when fewer than five students in a group were tested. In the *Analysis*, when fewer than five students in a group (e.g., Hispanic) were tested, percentages of tested students scoring at various levels are suppressed for that group and the next smallest group. Suppressed data are indicated with an (s). However, the performance of tested students in these groups is aggregated and shown in the Small Group Total row.

**Validity and Reliability of Small Group Data:** It is important that programmatic decisions are based on valid and reliable data. Data for fewer than 30 students in a group may be neither valid nor reliable. If a school does not have 30 students in a grade or a subgroup in a given year, the school should evaluate results for students in this group over a period of years to make programmatic decisions.