

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**

**Watervliet City School District**

**March 2003**

# 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 2003*, available at your district or 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: Carol Carlson		Phone: (518)273-4661	
<b>Organization 2001-02</b>		School District Staff (both full- and part-time)	
Grade Range	Student Enrollment	Count of Teachers	Count of Other Professionals
NA	1,470	114	14

<b>2000-01 School District Total Expenditure per Pupil</b>	\$9,811
<b>2000-01 NYS Public Schools Total Expenditure per Pupil</b>	\$11,871

Student Demographics	1999-2000		2000-2001		2001-2002	
	Count	Percent	Count	Percent	Count	Percent
Limited English Proficient	13	0.9%	22	1.5%	22	1.5%
Eligible for Free Lunch	577	38.5%	571	38.5%	580	39.5%

### 2001-02 Percentage of Core Classes Taught by Highly Qualified Teachers\*

Number of Core Classes	Percent Taught by Highly Qualified Teachers
240	95%

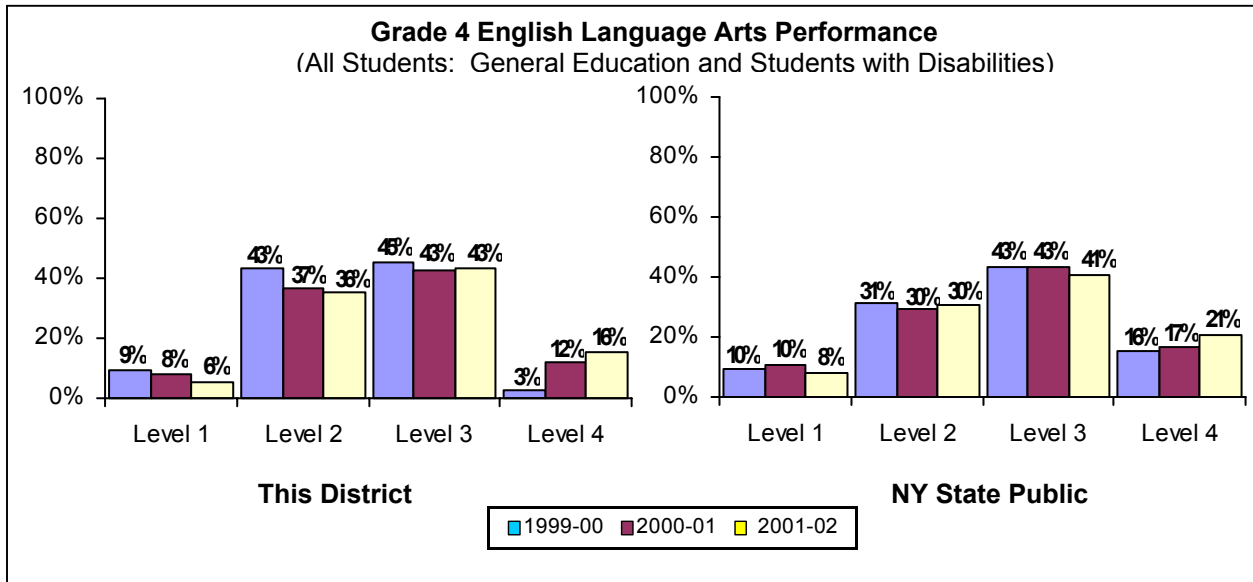
\*For the 2001-02 school year only, teachers of core classes are considered to be highly qualified if they are certified to teach that subject.

### 2001-02 Percentage of Teachers with No Valid Teaching Certificate\*

Number of Teachers	Percent No Valid Teaching Certificate
114	4%

\*This count includes teachers with temporary licenses who do not have a valid permanent or provisional 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 2000	10	48	50	3	111	641
Jan–Feb 2001	11	49	57	16	133	650
Jan–Feb 2002	5	32	39	14	90	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> .

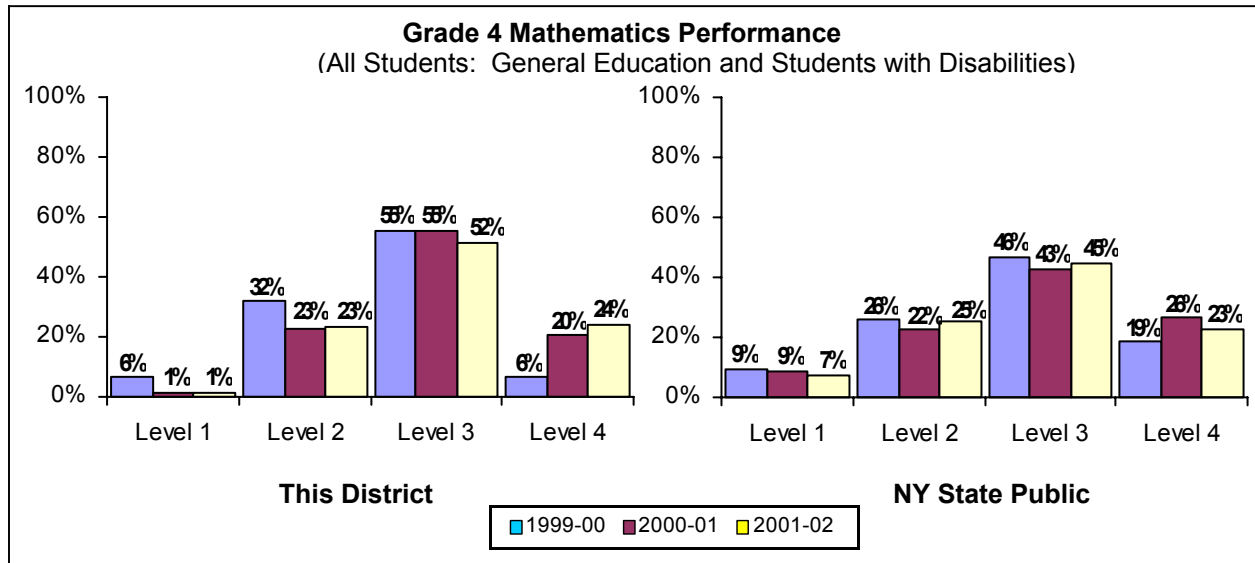
### Performance of Limited English Proficient (LEP) Students

Grade 4	English Proficiency Below Effective Participation Level	Making Appropriate Progress
2002	#	#

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

	Number Tested	AA–Level 1	AA–Level 2	AA–Level 3	AA–Level 4
<b>2001–02</b>	3	#	#	#	#

## Elementary Level Mathematics



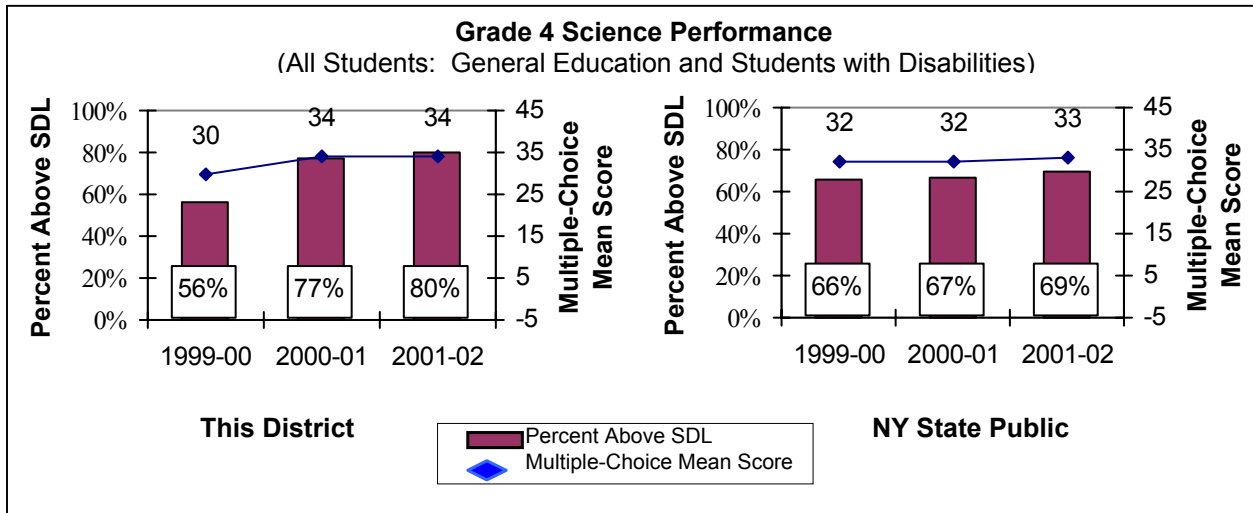
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 448-601	Level 2 602-636	Level 3 637-677	Level 4 678-810	Total	
May 2000	7	35	60	7	109	642
May 2001	2	31	76	28	137	658
May 2002	1	21	47	22	91	654

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 Elementary-Level Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA) in Mathematics, Science, and Technology

	Number Tested	AA-Level 1	AA-Level 2	AA-Level 3	AA-Level 4
2001-02	3	#	#	#	#

## Elementary Level Science Multiple-Choice



### All Students

	Number Tested	Number Above SDL	Mean Score
May 2000	110	62	30
May 2001	139	107	34
May 2002	92	74	34

<b>Grade 4 Science – Knowledge, Reasoning, and Problem-Solving Standards</b>	
<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>School 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.

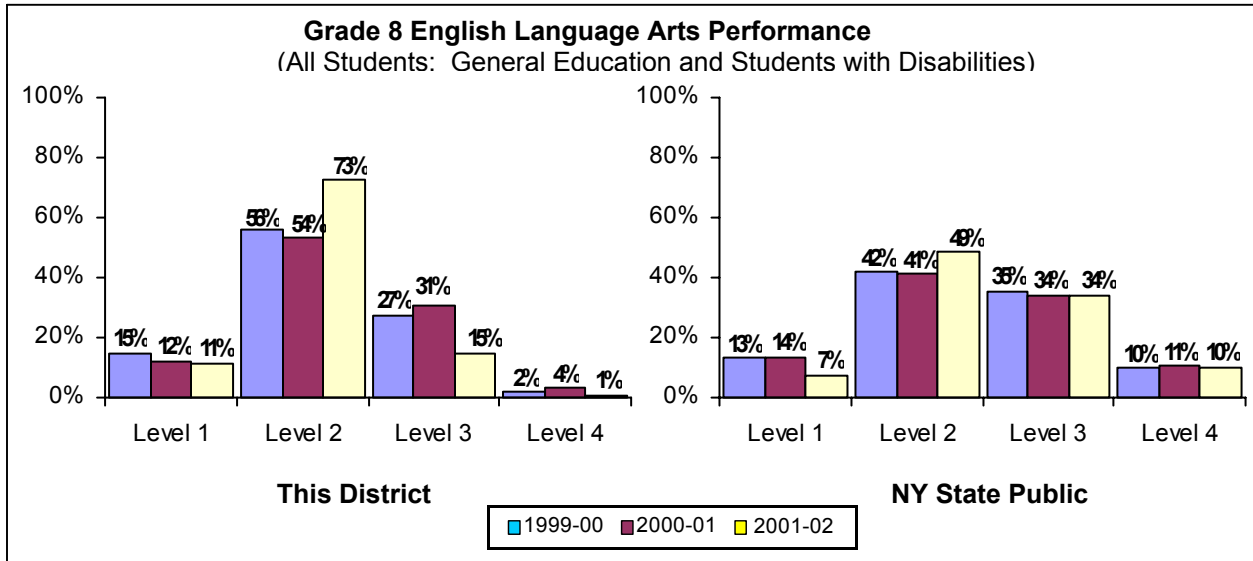
## Elementary Level Science Performance Test

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
May 2000	110	28
May 2001	139	33
May 2002	90	36

## 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 2000	15	58	28	2	103	688
May 2001	10	45	26	3	84	690
	Level 1 527-659	Level 2 660-698	Level 3 699-737	Level 4 738-830	Total	
March 2002	12	78	16	1	107	680

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 (LEP) Students

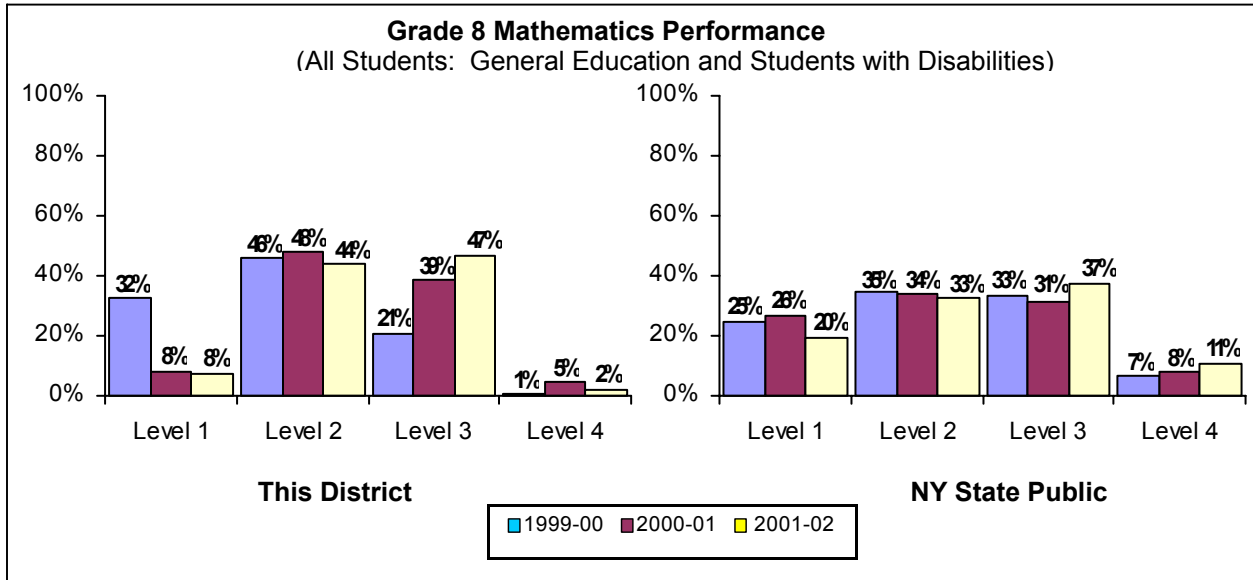
Grade 8	English Proficiency Below Effective Participation Level	Making Appropriate Progress
2002	0	0

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

	Number Tested	AA-Level 1	AA-Level 2	AA-Level 3	AA-Level 4
2001-02	0	0	0	0	0



## Middle Level Mathematics



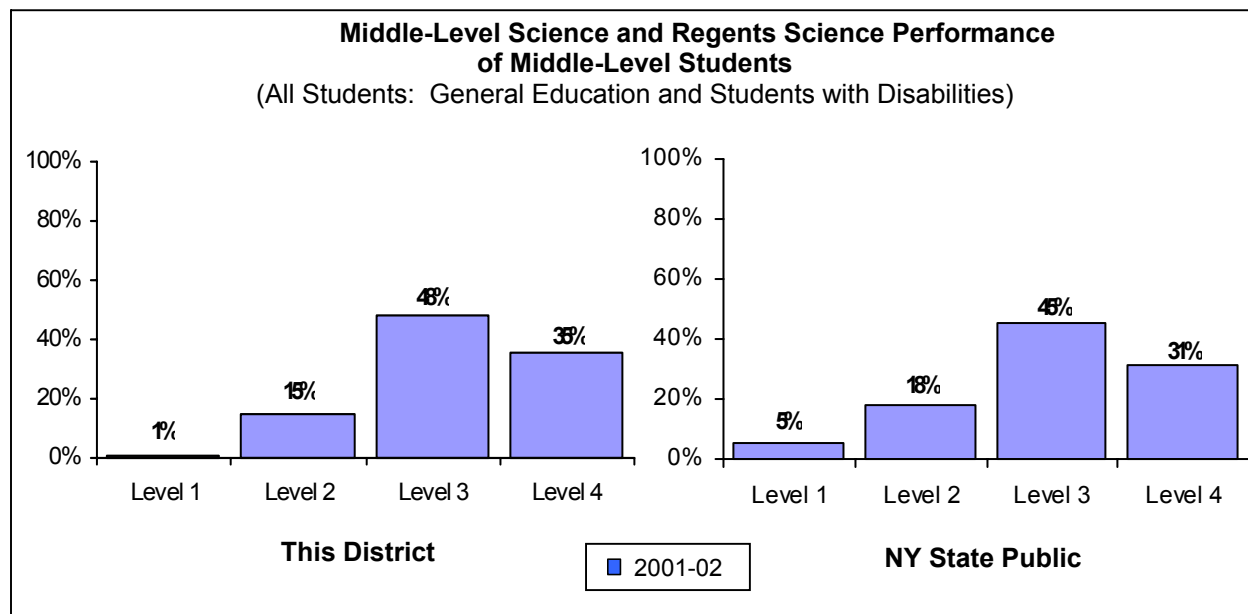
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 517-680	Level 2 681-715	Level 3 716-759	Level 4 760-882	Total	
May 2000	33	47	21	1	102	694
May 2001	7	41	33	4	85	713
May 2002	9	52	55	2	118	711

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 Middle-Level Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA) in Mathematics, Science, and Technology

	Number Tested	AA-Level 1	AA-Level 2	AA-Level 3	AA-Level 4
<b>2001-02</b>	0	0	0	0	0

## Middle Level Science



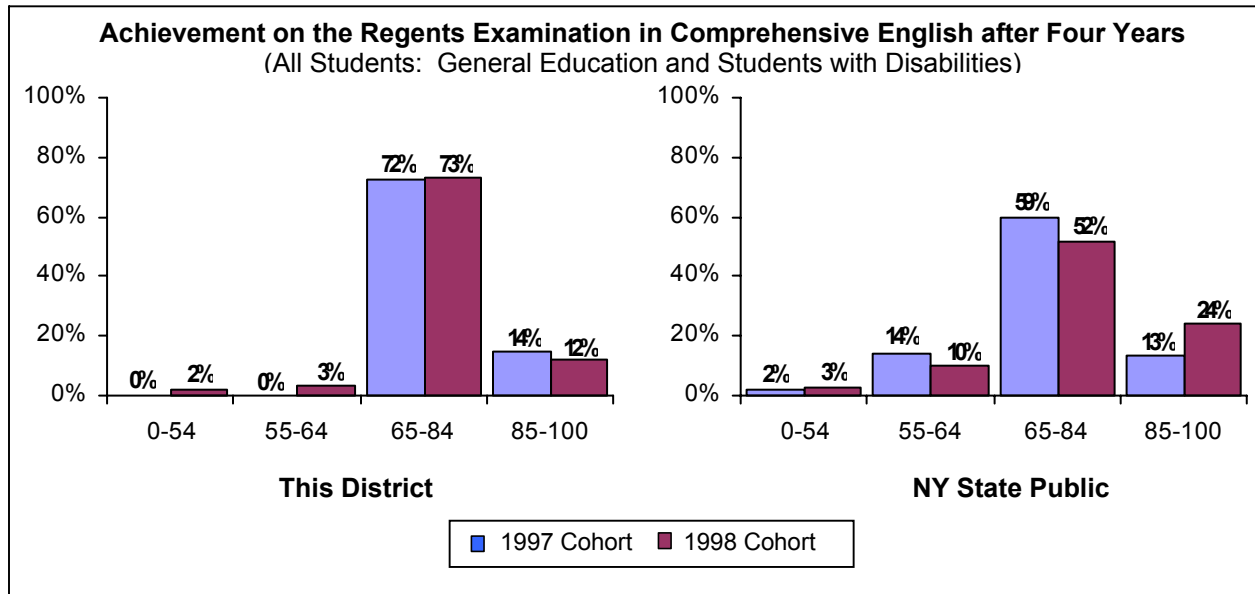
Performance at This District		Counts of Students Tested					Mean Score
		Level 1	Level 2	Level 3	Level 4	Total	
June 2002	Middle-Level Science	1	14	45	33	93	78
	Regents Science	0	0	0	0	0	0

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.

## High School English Achievement after Four Years of Instruction

The graph and table below present performance of the 1997 and 1998 cohort members on the Regents English examination four years after entering grade 9. A score of 65 or above on this examination 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. In the table, the numbers of students who met the graduation requirement by passing an approved alternative or the Regents competency tests (RCTs) in reading and writing are listed separately. (RCT results are not included in the graph.) 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.

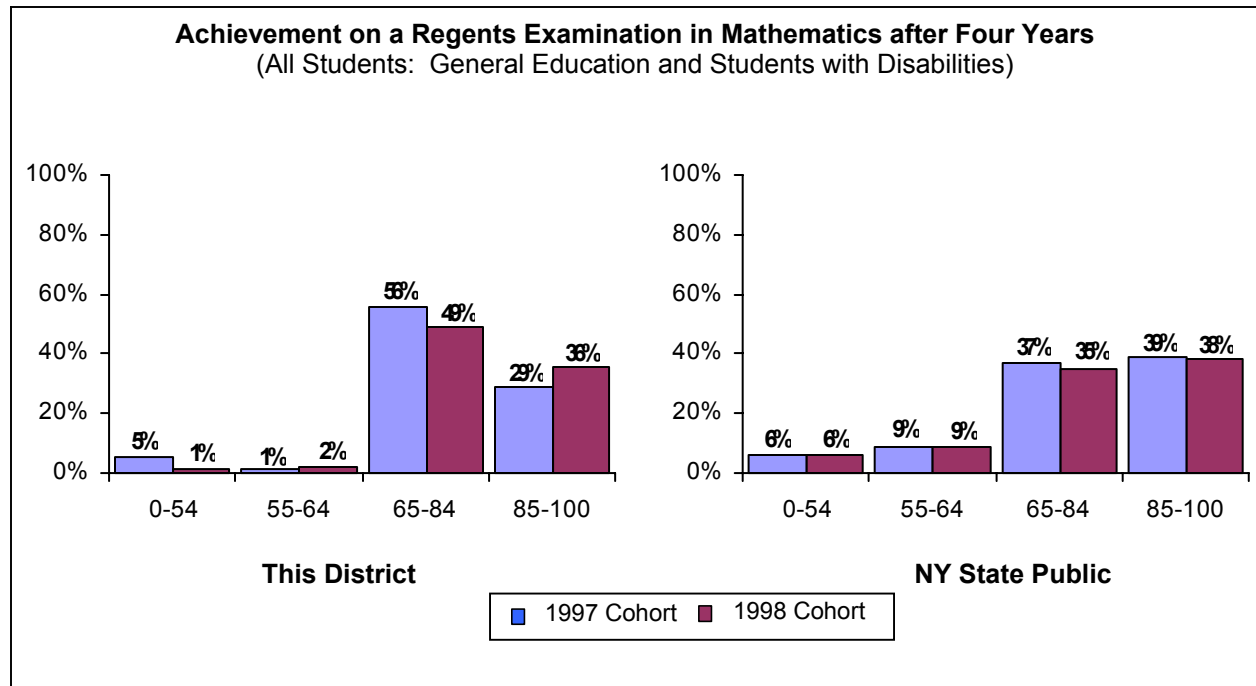


English Graduation Requirement Achievement after Four Years of High School*							
	Student Category	Cohort Members	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit	Passed RCT
1997 Cohort	General Education	91	0	70	14	0	4
	Students w/ Disabilities	6	0	0	0	0	3
	<b>All Students</b>	<b>97</b>	<b>0</b>	<b>70</b>	<b>14</b>	<b>0</b>	<b>7</b>
1998 Cohort	General Education	79	1	63	11	0	1
	Students w/ Disabilities	11	2	3	0	0	2
	<b>All Students</b>	<b>90</b>	<b>3</b>	<b>66</b>	<b>11</b>	<b>0</b>	<b>3</b>

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

## High School Mathematics Achievement after Four Years of Instruction

The graph and table below present performance of the 1997 and 1998 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. In the table, the numbers of students who met the graduation requirement by passing an approved alternative or the Regents competency test (RCT) in mathematics are listed separately. (RCT results are not included in the graph.) 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.

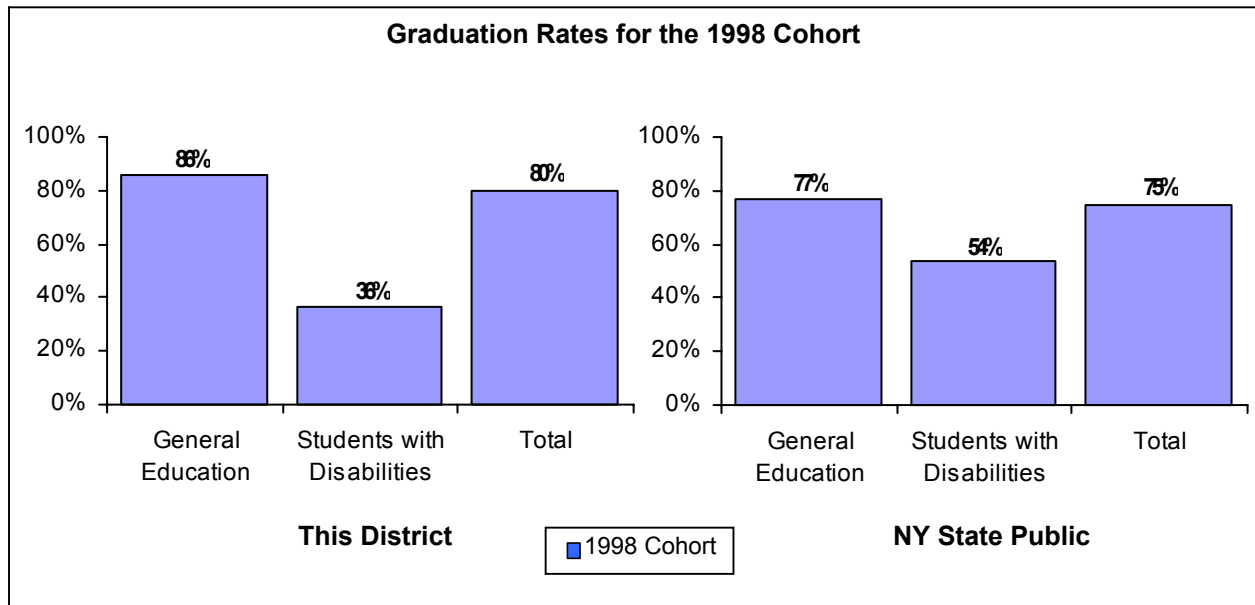


Mathematics Graduation Requirement Achievement after Four Years of High School*							
	Student Category	Cohort Members	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit	Passed RCT
1997 Cohort	General Education	91	1	53	28	0	8
	Students w/ Disabilities	6	0	1	0	0	0
	<b>All Students</b>	<b>97</b>	<b>1</b>	<b>54</b>	<b>28</b>	<b>0</b>	<b>8</b>
1998 Cohort	General Education	79	1	43	32	0	1
	Students w/ Disabilities	11	1	1	0	0	6
	<b>All Students</b>	<b>90</b>	<b>2</b>	<b>44</b>	<b>32</b>	<b>0</b>	<b>7</b>

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

## Graduation Rates for the 1998 Cohort

Students were counted as graduates if they earned a local diploma with or without a Regents endorsement no later than June 2002. Additional students may have earned diplomas in August 2002. For the purpose of calculating graduation rate, students who transferred to GED programs were included in the count of students in the cohort. These students were not counted as cohort members for other purposes. Therefore, the count in the table below may be higher than the count of cohort members shown on previous pages.



Graduation Rates for the 1998 Cohort		
Student Category	Graduation Rate Cohort	Number of Graduates
General-education students	79	68
Students with disabilities	11	4
Total	90	72

## **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 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 district 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 and community should examine the reasons for this lower performance and make necessary changes in curriculum, instruction, and student support services to remedy these performance gaps.

## Elementary Level English Language Arts

Student Subgroup	2000-01				2001-02			
	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	0	0%	0%	0%	0	0%	0%	0%
Black	14	93%	36%	14%	11	100%	64%	18%
Hispanic	4	s	s	s	5	s	s	s
Asian or Pacific Islander	5	s	s	s	2	s	s	s
White	110	91%	56%	11%	72	94%	58%	15%
Total	133	92%	55%	12%	90	94%	59%	16%
Small Group Totals (s)	9	100%	67%	22%	7	86%	57%	14%
<b>Results by Disability Status</b>								
General-education students	101	97%	67%	16%	71	99%	73%	20%
Students with disabilities	32	75%	16%	0%	19	79%	5%	0%
Total	133	92%	55%	12%	90	94%	59%	16%
<b>Results by Gender</b>								
Female	55	93%	60%	15%	37	100%	68%	27%
Male	78	91%	51%	10%	53	91%	53%	8%
Total	133	92%	55%	12%	90	94%	59%	16%
<b>Results by English Proficiency Status</b>								
English proficient	133	92%	55%	12%	90	94%	59%	16%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	133	92%	55%	12%	90	94%	59%	16%
<b>Results by Income Level</b>								
Economically disadvantaged	74	95%	50%	9%	64	97%	56%	13%
Not disadvantaged	59	88%	61%	15%	26	88%	65%	23%
Total	133	92%	55%	12%	90	94%	59%	16%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	133	92%	55%	12%	90	94%	59%	16%
Total	133	92%	55%	12%	90	94%	59%	16%

## Elementary Level Mathematics

Student Subgroup	2000-01				2001-02			
	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	0	0%	0%	0%	0	0%	0%	0%
Black	13	100%	77%	0%	12	100%	83%	8%
Hispanic	4	s	s	s	6	s	s	s
Asian or Pacific Islander	5	s	s	s	2	s	s	s
White	115	98%	77%	23%	71	100%	75%	28%
Total	137	99%	76%	20%	91	99%	76%	24%
Small Group Totals (s)	9	100%	56%	22%	8	88%	75%	13%
<b>Results by Disability Status</b>								
General-education students	103	100%	82%	26%	71	100%	87%	31%
Students with disabilities	34	94%	59%	3%	20	95%	35%	0%
Total	137	99%	76%	20%	91	99%	76%	24%
<b>Results by Gender</b>								
Female	58	100%	79%	16%	39	97%	72%	33%
Male	79	97%	73%	24%	52	100%	79%	17%
Total	137	99%	76%	20%	91	99%	76%	24%
<b>Results by English Proficiency Status</b>								
English proficient	137	99%	76%	20%	91	99%	76%	24%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	137	99%	76%	20%	91	99%	76%	24%
<b>Results by Income Level</b>								
Economically disadvantaged	74	99%	74%	16%	62	100%	73%	19%
Not disadvantaged	63	98%	78%	25%	29	97%	83%	34%
Total	137	99%	76%	20%	91	99%	76%	24%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	137	99%	76%	20%	91	99%	76%	24%
Total	137	99%	76%	20%	91	99%	76%	24%



## Elementary Level Science Multiple-Choice

Student Subgroup	2000-01		2001-02	
	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			0	0%
Black			12	92%
Hispanic			6	s
Asian or Pacific Islander			2	s
White			72	82%
Total			92	80%
Small Group Totals (s)			8	50%
<b>Results by Disability Status</b>				
General-education students	105	83%	72	92%
Students with disabilities	34	59%	20	40%
Total	139	77%	92	80%
<b>Results by Gender</b>				
Female			39	82%
Male			53	79%
Total			92	80%
<b>Results by English Proficiency Status</b>				
English proficient			92	80%
Limited English proficient			0	0%
Total			92	80%
<b>Results by Income Level</b>				
Economically disadvantaged			62	79%
Not disadvantaged			30	83%
Total			92	80%
<b>Results by Migrant Status</b>				
Migrant family			0	0%
Not migrant family			92	80%
Total			92	80%

**Middle Level**  
**English Language Arts**

Student Subgroup	2000-01				2001-02			
	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	0	0%	0%	0%	1	s	s	s
Black	4	s	s	s	12	s	s	s
Hispanic	3	s	s	s	3	s	s	s
Asian or Pacific Islander	1	s	s	s	0	0%	0%	0%
White	76	87%	36%	4%	91	90%	19%	1%
Total	84	88%	35%	4%	107	89%	16%	1%
Small Group Totals (s)	8	100%	25%	0%	16	81%	0%	0%
<b>Results by Disability Status</b>								
General-education students	73	93%	40%	4%	84	94%	19%	1%
Students with disabilities	11	55%	0%	0%	23	70%	4%	0%
Total	84	88%	35%	4%	107	89%	16%	1%
<b>Results by Gender</b>								
Female	33	97%	36%	3%	67	87%	18%	1%
Male	51	82%	33%	4%	40	93%	13%	0%
Total	84	88%	35%	4%	107	89%	16%	1%
<b>Results by English Proficiency Status</b>								
English proficient	84	88%	35%	4%	107	89%	16%	1%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	84	88%	35%	4%	107	89%	16%	1%
<b>Results by Income Level</b>								
Economically disadvantaged	40	85%	25%	0%	44	86%	18%	0%
Not disadvantaged	44	91%	43%	7%	63	90%	14%	2%
Total	84	88%	35%	4%	107	89%	16%	1%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	84	88%	35%	4%	107	89%	16%	1%
Total	84	88%	35%	4%	107	89%	16%	1%

## Middle Level Mathematics

Student Subgroup	2000-01				2001-02			
	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	0	0%	0%	0%	1	s	s	s
Black	4	s	s	s	12	s	s	s
Hispanic	3	s	s	s	3	s	s	s
Asian or Pacific Islander	1	s	s	s	0	0%	0%	0%
White	77	92%	45%	5%	102	92%	53%	2%
Total	85	92%	44%	5%	118	92%	48%	2%
Small Group Totals (s)	8	88%	25%	0%	16	94%	19%	0%
<b>Results by Disability Status</b>								
General-education students	74	92%	45%	5%	97	96%	53%	2%
Students with disabilities	11	91%	36%	0%	21	76%	29%	0%
Total	85	92%	44%	5%	118	92%	48%	2%
<b>Results by Gender</b>								
Female	33	91%	39%	0%	73	88%	40%	3%
Male	52	92%	46%	8%	45	100%	62%	0%
Total	85	92%	44%	5%	118	92%	48%	2%
<b>Results by English Proficiency Status</b>								
English proficient	85	92%	44%	5%	118	92%	48%	2%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	85	92%	44%	5%	118	92%	48%	2%
<b>Results by Income Level</b>								
Economically disadvantaged	41	85%	29%	2%	41	95%	34%	2%
Not disadvantaged	44	98%	57%	7%	77	91%	56%	1%
Total	85	92%	44%	5%	118	92%	48%	2%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	85	92%	44%	5%	118	92%	48%	2%
Total	85	92%	44%	5%	118	92%	48%	2%

**Middle Level**  
Science

Student Subgroup	2001-02			
	Tested	Percentages of Tested Students Scoring at Levels		
		2-4	3-4	4
<b>Results by Race/Ethnicity</b>				
American Indian/Alaskan Native	0	0%	0%	0%
Black	12	s	s	s
Hispanic	3	s	s	s
Asian or Pacific Islander	0	0%	0%	0%
White	78	100%	86%	41%
Total	93	99%	84%	35%
Small Group Totals (s)	15	93%	73%	7%
<b>Results by Disability Status</b>				
General-education students	76	100%	91%	41%
Students with disabilities	17	94%	53%	12%
Total	93	99%	84%	35%
<b>Results by Gender</b>				
Female	57	98%	79%	25%
Male	36	100%	92%	53%
Total	93	99%	84%	35%
<b>Results by English Proficiency Status</b>				
English proficient	93	99%	84%	35%
Limited English proficient	0	0%	0%	0%
Total	93	99%	84%	35%
<b>Results by Income Level</b>				
Economically disadvantaged	40	98%	80%	30%
Not disadvantaged	53	100%	87%	40%
Total	93	99%	84%	35%
<b>Results by Migrant Status</b>				
Migrant family	0	0%	0%	0%
Not migrant family	93	99%	84%	35%
Total	93	99%	84%	35%

## 1997 and 1998 High School Cohorts

General-education students who first entered ninth grade in 1997 or 1998 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 Department did not collect data for the 1997 cohort aggregated by race/ethnicity, gender, income level, or migrant status. It did not collect mathematics data aggregated by English proficiency status.

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

Student Subgroup	1997 Cohort					1998 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		Passed RCTs			Regents		Passed RCTs	
		55–64	65–100				55–64	65–100		
<b>Results by Race/Ethnicity</b>										
American Indian/Alaskan Native						1	s	s	s	s
Black						7	0	4	1	71%
Hispanic						5	s	s	s	s
Asian or Pacific Islander						1	s	s	s	s
White						76	3	66	2	93%
Total						90	3	77	3	92%
Small Group Totals (s)						7	0	7	0	100%
<b>Results by Disability Status</b>										
General-education students	91	0	84	4	97%	79	1	74	1	96%
Students with disabilities	6	0	0	3	50%	11	2	3	2	64%
Total	97	0	84	7	94%	90	3	77	3	92%
<b>Results by Gender</b>										
Female						39	3	30	2	90%
Male						51	0	47	1	94%
Total						90	3	77	3	92%
<b>Results by English Proficiency Status</b>										
English proficient	97	0	84	7	94%	90	3	77	3	92%
Limited English proficient	0	0	0	0	0%	0	0	0	0	0%
Total	97	0	84	7	94%	90	3	77	3	92%
<b>Results by Income Level</b>										
Economically disadvantaged						13	1	7	2	77%
Not disadvantaged						77	2	70	1	95%
Total						90	3	77	3	92%
<b>Results by Migrant Status</b>										
Migrant family						0	0	0	0	0%
Not migrant family						90	3	77	3	92%
Total						90	3	77	3	92%

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

Student Subgroup	1997 Cohort					1998 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						1	s	s	s	s
Black						7	0	5	1	86%
Hispanic						5	s	s	s	s
Asian or Pacific Islander						1	s	s	s	s
White						76	2	64	6	95%
Total						90	2	76	7	94%
Small Group Totals (s)						7	0	7	0	100%
<b>Results by Disability Status</b>										
General-education students	91	1	81	8	99%	79	1	75	1	97%
Students with disabilities	6	0	1	0	17%	11	1	1	6	73%
Total	97	1	82	8	94%	90	2	76	7	94%
<b>Results by Gender</b>										
Female						39	1	32	4	95%
Male						51	1	44	3	94%
Total						90	2	76	7	94%
<b>Results by English Proficiency Status</b>										
English proficient						90	2	76	7	94%
Limited English proficient						0	0	0	0	0%
Total						90	2	76	7	94%
<b>Results by Income Level</b>										
Economically disadvantaged						13	1	7	3	85%
Not disadvantaged						77	1	69	4	96%
Total						90	2	76	7	94%
<b>Results by Migrant Status</b>										
Migrant family						0	0	0	0	0%
Not migrant family						90	2	76	7	94%
Total						90	2	76	7	94%

## Graduation Rates for the 1998 Cohort

Students were counted as graduates if they earned a local diploma with or without a Regents endorsement no later than June 2002. Additional students may have earned diplomas in August 2002. For the purpose of calculating graduation rate, students who transferred to GED programs were included in the count of students in the cohort. These students were not counted as cohort members for other purposes. Therefore, the count in the table below may be higher than the count of cohort members shown on previous pages.

Student Subgroup	Graduation Rate Cohort	Graduation Rate
<b>Results by Race/Ethnicity</b>		
American Indian/Alaskan Native	1	s
Black	7	57%
Hispanic	5	s
Asian or Pacific Islander	1	s
White	76	80%
Total	90	80%
Small Group Totals (s)	7	100%
<b>Results by Disability Status</b>		
General-education students	79	86%
Students with disabilities	11	36%
Total	90	80%
<b>Results by Gender</b>		
Female	39	72%
Male	51	86%
Total	90	80%
<b>Results by English Proficiency Status</b>		
English proficient	90	80%
Limited English proficient	0	0%
Total	90	80%
<b>Results by Income Level</b>		
Economically disadvantaged	13	54%
Not disadvantaged	77	84%
Total	90	80%
<b>Results by Migrant Status</b>		
Migrant family	0	0%
Not migrant family	90	80%
Total	90	80%

## Glossary

**Cohort Data:** A student 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 cohort consists of all students who first entered grade 9 in the fall of 1998 who were enrolled on October 4, 2000). Certain severely disabled students, 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 cohort. Cohort is defined in Section 100.2 (p) (8) (iii) of the Commissioner's Regulations. Data for the 1997 cohort are based on the Special Regents Examination Report for the 1997 Cohort. Data for the 1998 cohort are based on the 2002 STEP file submitted by each district.

**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.

**Limited English Proficient (LEP) Students:** Schools teach English to students for whom English is a second language so they can participate effectively in the academic program. Students are considered LEP if, by reason of foreign birth or ancestry, they speak a language other than English and (1) either understand and speak little or no English or (2) score at or below the 40<sup>th</sup> percentile on an English language assessment instrument. LEP students without sufficient proficiency in English were not required to take the grade 4 or grade 8 English language arts test. Their reported progress in learning English was measured using standardized tests.

**New York State Alternate Assessment (NYSAA):** The district Committee on Special Education designates severely disabled students 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 were 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 40 students in a group are neither valid nor reliable. If a school does not have 40 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.