

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**

**Binghamton 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: Peggy J. Wozniak		Phone: (607)762-8100	
<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	6,179	581	60

<b>2000-01 School District Total Expenditure per Pupil</b>	\$10,243
<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	410	6.5%	386	6.1%	364	5.7%
Eligible for Free Lunch	3,390	55.2%	2,930	47.4%	3,044	49.3%

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

Number of Core Classes	Percent Taught by Highly Qualified Teachers
1,185	94%

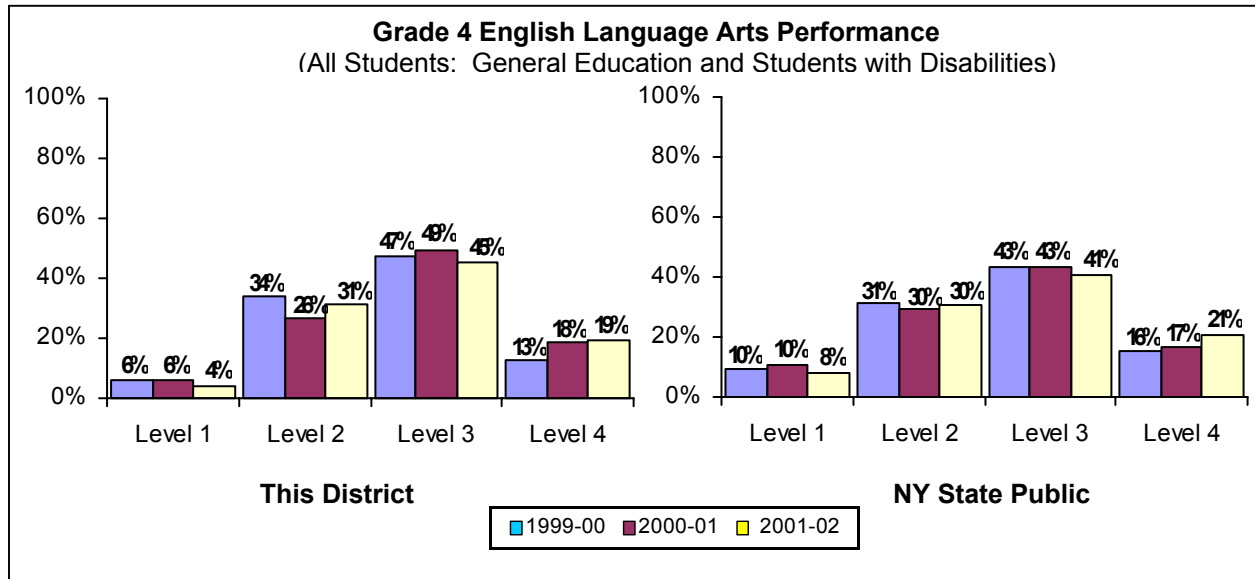
\*For the 2001-02 school year only, teachers of core classes are considered to be highly qualified if they are certified to teach that subject.

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

Number of Teachers	Percent No Valid Teaching Certificate
574	3%

\*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	25	142	199	54	420	654
Jan–Feb 2001	26	112	209	78	425	661
Jan–Feb 2002	19	145	209	88	461	661

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> .

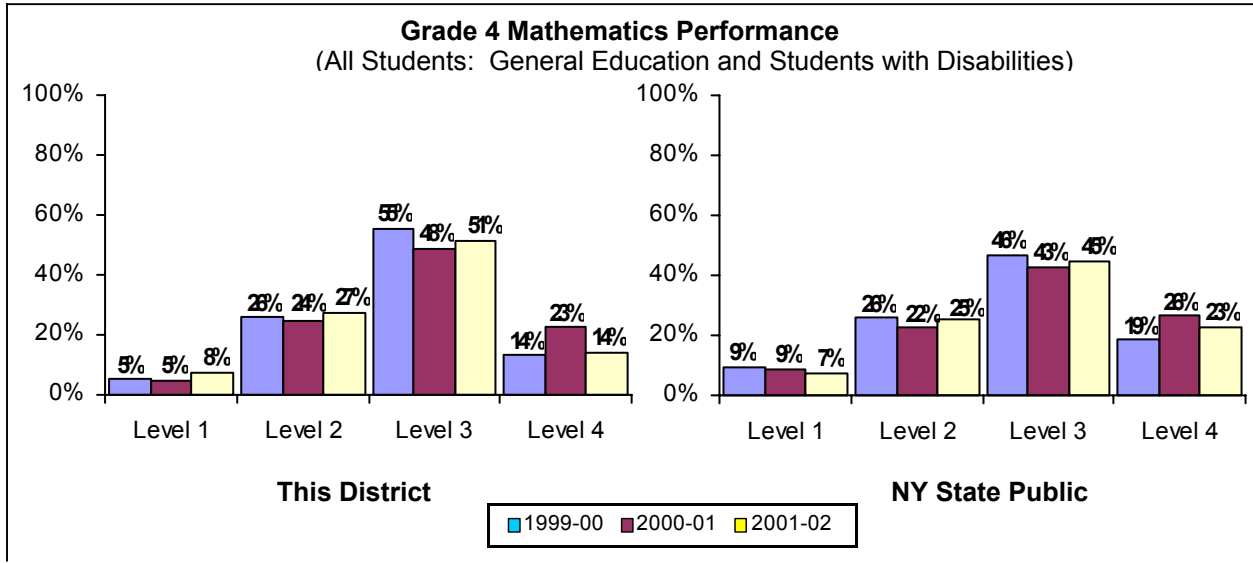
### Performance of Limited English Proficient (LEP) Students

Grade 4	English Proficiency Below Effective Participation Level	Making Appropriate Progress
2002	17	15

### 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>	20	0	8	12	0

## Elementary Level Mathematics



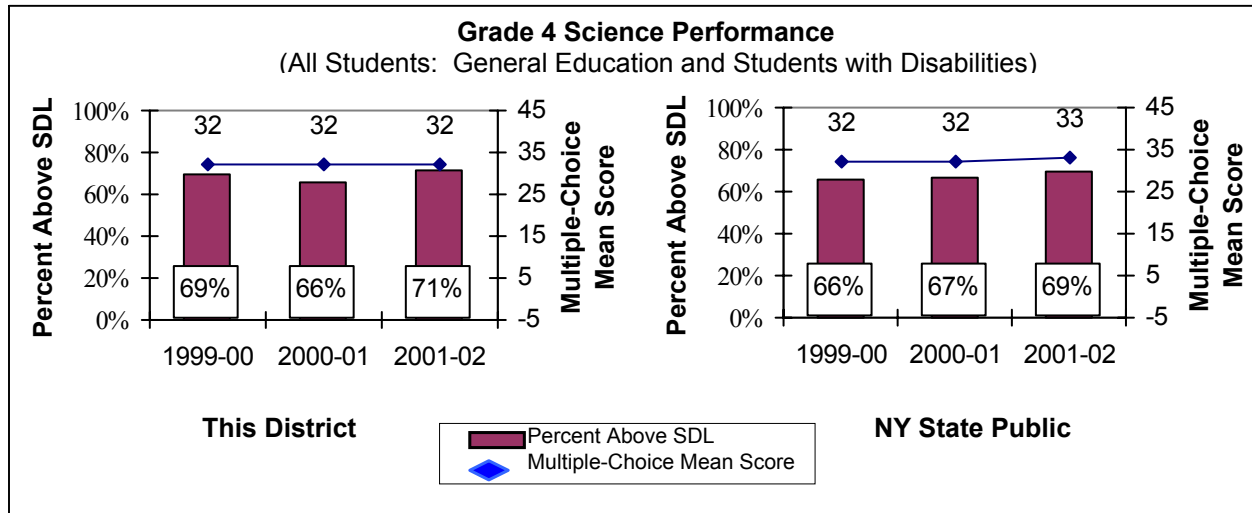
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 448-601	Level 2 602-636	Level 3 637-677	Level 4 678-810	Total	
May 2000	22	111	238	58	429	649
May 2001	21	112	223	104	460	655
May 2002	35	127	239	64	465	646

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
<b>2001-02</b>	20	0	11	8	1

## Elementary Level Science Multiple-Choice



### All Students

	Number Tested	Number Above SDL	Mean Score
May 2000	432	299	32
May 2001	458	301	32
May 2002	465	330	32

<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.

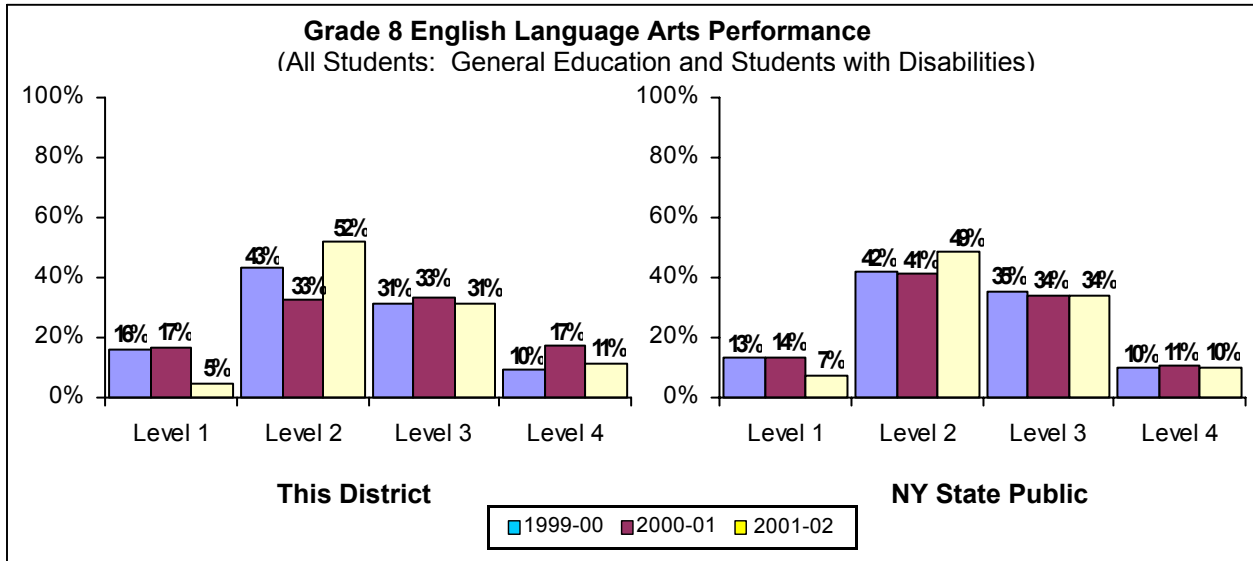
## Elementary Level Science Performance Test

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	423	33
May 2001	454	32
May 2002	445	34

## 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	70	191	137	42	440	695
May 2001	70	137	141	73	421	702
	Level 1 527-659	Level 2 660-698	Level 3 699-737	Level 4 738-830	Total	
March 2002	21	219	132	48	420	697

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

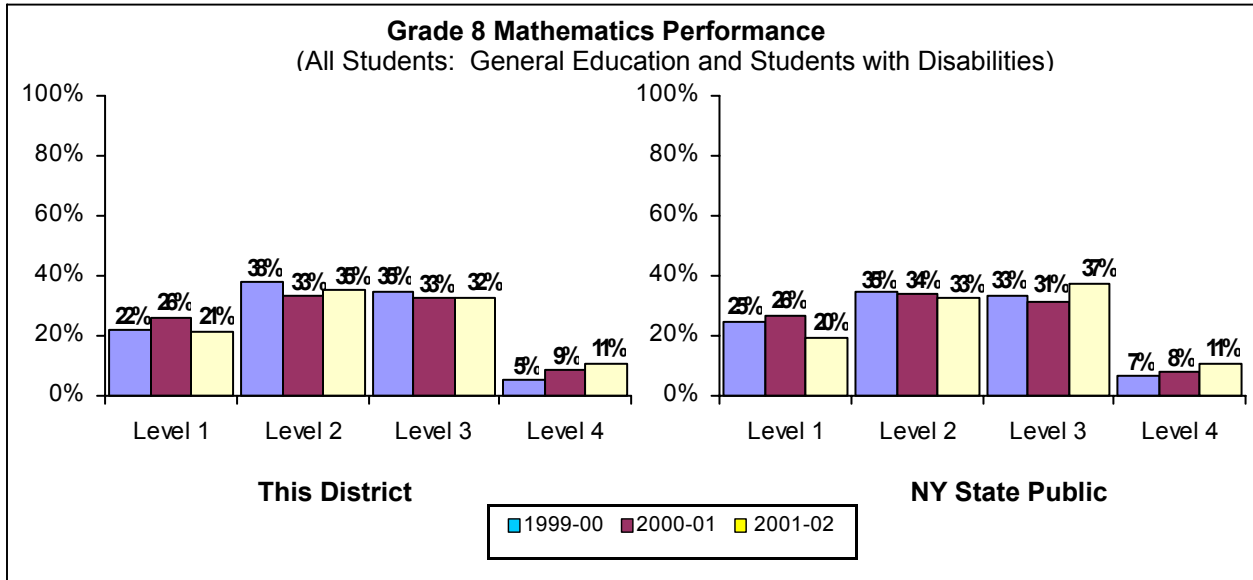
Grade 8	English Proficiency Below Effective Participation Level	Making Appropriate Progress
2002	14	13

### 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
<b>2001-02</b>	6	0	1	5	0



## Middle Level Mathematics



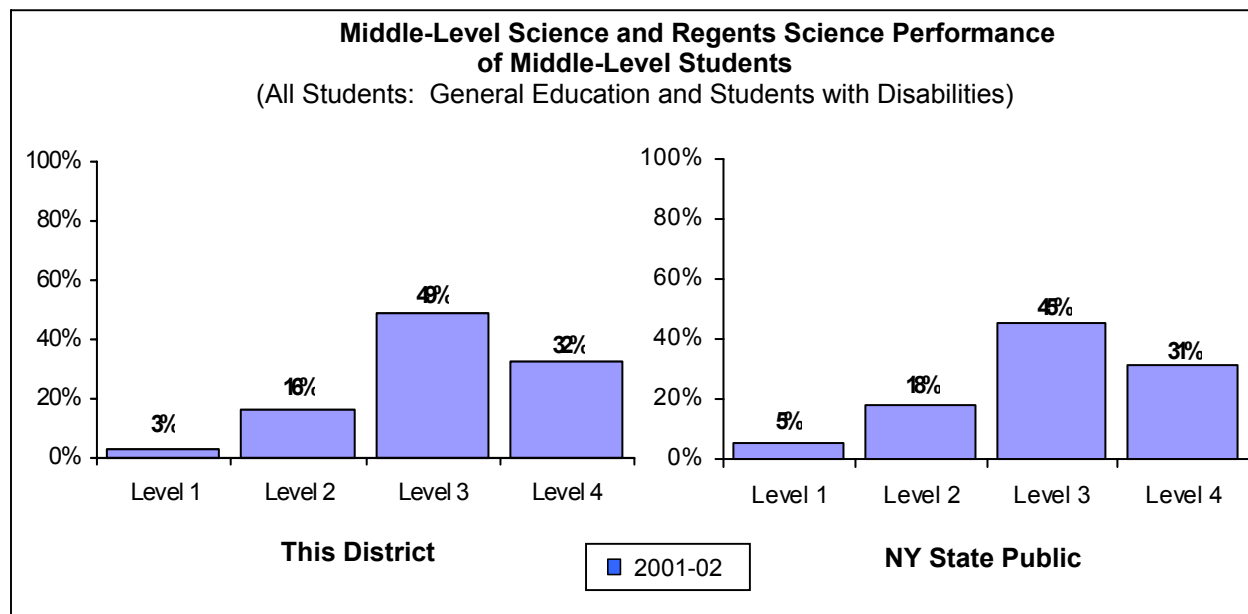
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 517-680	Level 2 681-715	Level 3 716-759	Level 4 760-882	Total	
May 2000	96	167	153	24	440	704
May 2001	108	139	137	36	420	705
May 2002	94	155	142	48	439	709

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>	7	0	1	6	0

## Middle Level Science



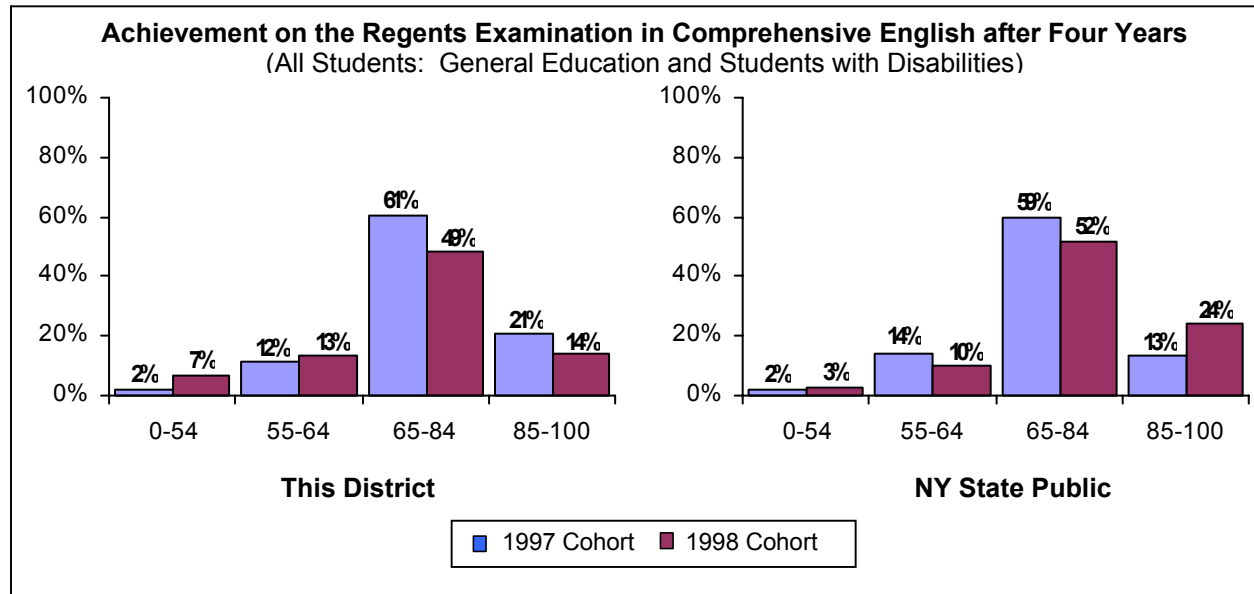
Performance at This District		Counts of Students Tested					Mean Score
		Level 1	Level 2	Level 3	Level 4	Total	
June 2002	Middle-Level Science	12	66	197	131	406	76
	Regents Science	0	0	0	0	0	0

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.

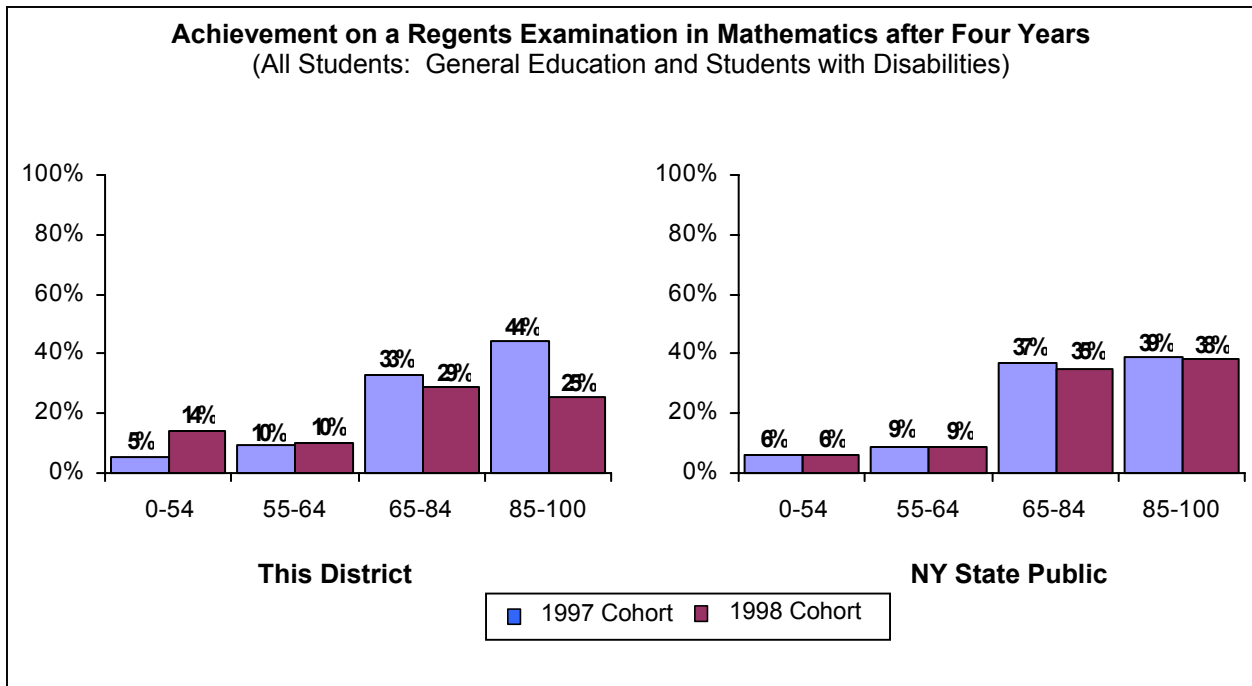


English Graduation Requirement Achievement after Four Years of High School*							
	Student Category	Cohort Members	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit	Passed RCT
1997 Cohort	General Education	276	31	174	63	0	0
	Students w/ Disabilities	23	4	7	0	0	4
	<b>All Students</b>	<b>299</b>	<b>35</b>	<b>181</b>	<b>63</b>	<b>0</b>	<b>4</b>
1998 Cohort	General Education	354	45	186	53	0	0
	Students w/ Disabilities	35	6	3	1	0	0
	<b>All Students</b>	<b>389</b>	<b>51</b>	<b>189</b>	<b>54</b>	<b>0</b>	<b>0</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.

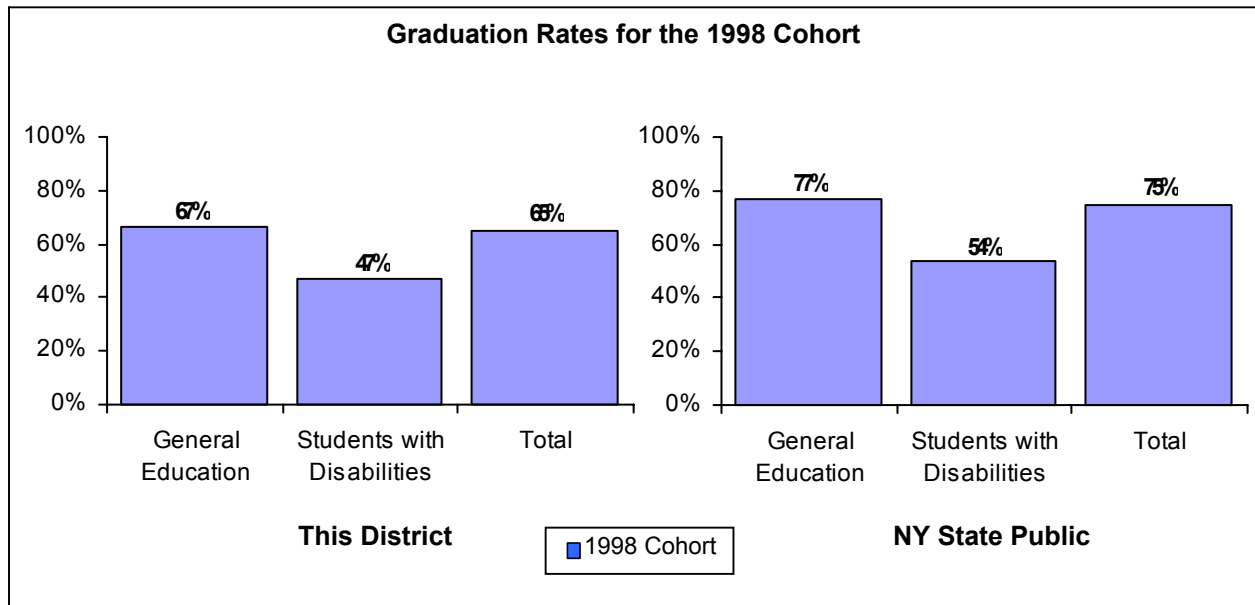


Mathematics Graduation Requirement Achievement after Four Years of High School*							
	Student Category	Cohort Members	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit	Passed RCT
1997 Cohort	General Education	276	28	94	131	0	0
	Students w/ Disabilities	23	1	4	1	0	15
	<b>All Students</b>	<b>299</b>	<b>29</b>	<b>98</b>	<b>132</b>	<b>0</b>	<b>15</b>
1998 Cohort	General Education	354	37	108	97	0	0
	Students w/ Disabilities	35	1	4	2	0	0
	<b>All Students</b>	<b>389</b>	<b>38</b>	<b>112</b>	<b>99</b>	<b>0</b>	<b>0</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	356	237
Students with disabilities	36	17
Total	392	254

## **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	81	86%	57%	15%	102	92%	56%	11%
Hispanic	32	94%	66%	3%	26	88%	35%	0%
Asian or Pacific Islander	11	100%	64%	9%	15	100%	73%	27%
White	301	96%	71%	21%	318	97%	69%	23%
Total	425	94%	68%	18%	461	96%	64%	19%
Small Group Totals (s)	0	0%	0%	0%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	337	97%	73%	21%	362	96%	69%	22%
Students with disabilities	88	83%	45%	7%	99	94%	47%	10%
Total	425	94%	68%	18%	461	96%	64%	19%
<b>Results by Gender</b>								
Female	189	92%	62%	20%	241	95%	65%	20%
Male	236	96%	72%	17%	220	97%	64%	18%
Total	425	94%	68%	18%	461	96%	64%	19%
<b>Results by English Proficiency Status</b>								
English proficient	415	94%	68%	19%	449	96%	65%	19%
Limited English proficient	10	100%	40%	10%	12	92%	50%	25%
Total	425	94%	68%	18%	461	96%	64%	19%
<b>Results by Income Level</b>								
Economically disadvantaged	197	93%	58%	7%	270	93%	51%	12%
Not disadvantaged	228	95%	75%	28%	191	99%	84%	29%
Total	425	94%	68%	18%	461	96%	64%	19%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	425	94%	68%	18%	461	96%	64%	19%
Total	425	94%	68%	18%	461	96%	64%	19%

## 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	87	94%	62%	13%	103	89%	49%	2%
Hispanic	33	85%	48%	12%	24	92%	67%	4%
Asian or Pacific Islander	11	91%	73%	27%	17	94%	65%	6%
White	329	97%	76%	26%	321	93%	70%	19%
Total	460	95%	71%	23%	465	92%	65%	14%
Small Group Totals (s)	0	0%	0%	0%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	343	97%	79%	27%	365	95%	72%	16%
Students with disabilities	117	90%	48%	10%	100	83%	41%	6%
Total	460	95%	71%	23%	465	92%	65%	14%
<b>Results by Gender</b>								
Female	207	94%	64%	18%	240	93%	61%	13%
Male	253	96%	77%	26%	225	92%	70%	15%
Total	460	95%	71%	23%	465	92%	65%	14%
<b>Results by English Proficiency Status</b>								
English proficient	447	95%	71%	23%	450	93%	66%	14%
Limited English proficient	13	100%	69%	15%	15	80%	47%	7%
Total	460	95%	71%	23%	465	92%	65%	14%
<b>Results by Income Level</b>								
Economically disadvantaged	223	92%	62%	12%	267	88%	52%	8%
Not disadvantaged	237	98%	80%	32%	198	98%	83%	22%
Total	460	95%	71%	23%	465	92%	65%	14%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	460	95%	71%	23%	465	92%	65%	14%
Total	460	95%	71%	23%	465	92%	65%	14%



## 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			104	59%
Hispanic			24	50%
Asian or Pacific Islander			17	65%
White			320	77%
Total			465	71%
Small Group Totals (s)			0	0%
<b>Results by Disability Status</b>				
General-education students	341	75%	365	77%
Students with disabilities	117	38%	100	50%
Total	458	66%	465	71%
<b>Results by Gender</b>				
Female			241	66%
Male			224	76%
Total			465	71%
<b>Results by English Proficiency Status</b>				
English proficient			447	72%
Limited English proficient			18	39%
Total			465	71%
<b>Results by Income Level</b>				
Economically disadvantaged			268	58%
Not disadvantaged			197	89%
Total			465	71%
<b>Results by Migrant Status</b>				
Migrant family			0	0%
Not migrant family			465	71%
Total			465	71%

## 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	1	s	s	s	1	s	s	s
Black	70	71%	33%	10%	72	89%	14%	0%
Hispanic	23	57%	22%	4%	13	s	s	s
Asian or Pacific Islander	15	s	s	s	15	100%	33%	7%
White	312	87%	57%	20%	319	96%	51%	15%
Total	421	83%	51%	17%	420	95%	43%	11%
Small Group Totals (s)	16	100%	56%	19%	14	93%	7%	0%
<b>Results by Disability Status</b>								
General-education students	331	95%	63%	22%	350	98%	51%	14%
Students with disabilities	90	39%	6%	0%	70	80%	4%	0%
Total	421	83%	51%	17%	420	95%	43%	11%
<b>Results by Gender</b>								
Female	203	86%	56%	19%	216	97%	47%	11%
Male	218	81%	46%	16%	204	93%	38%	12%
Total	421	83%	51%	17%	420	95%	43%	11%
<b>Results by English Proficiency Status</b>								
English proficient	417	s	s	s	419	s	s	s
Limited English proficient	4	s	s	s	1	s	s	s
Total	421	83%	51%	17%	420	95%	43%	11%
<b>Results by Income Level</b>								
Economically disadvantaged	204	75%	37%	9%	212	93%	25%	3%
Not disadvantaged	217	92%	64%	25%	208	97%	61%	20%
Total	421	83%	51%	17%	420	95%	43%	11%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	421	83%	51%	17%	420	95%	43%	11%
Total	421	83%	51%	17%	420	95%	43%	11%

## 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	1	s	s	s	1	s	s	s
Black	72	51%	24%	1%	75	56%	13%	0%
Hispanic	22	41%	18%	5%	18	56%	11%	6%
Asian or Pacific Islander	15	s	s	s	17	s	s	s
White	310	81%	46%	10%	328	84%	50%	14%
Total	420	74%	41%	9%	439	79%	43%	11%
Small Group Totals (s)	16	88%	50%	13%	18	94%	72%	11%
<b>Results by Disability Status</b>								
General-education students	329	85%	51%	11%	365	87%	51%	13%
Students with disabilities	91	35%	4%	0%	74	36%	5%	0%
Total	420	74%	41%	9%	439	79%	43%	11%
<b>Results by Gender</b>								
Female	207	73%	39%	5%	223	80%	39%	9%
Male	213	76%	43%	12%	216	77%	47%	13%
Total	420	74%	41%	9%	439	79%	43%	11%
<b>Results by English Proficiency Status</b>								
English proficient	413	74%	42%	9%	431	79%	43%	11%
Limited English proficient	7	71%	14%	0%	8	63%	63%	25%
Total	420	74%	41%	9%	439	79%	43%	11%
<b>Results by Income Level</b>								
Economically disadvantaged	202	61%	28%	2%	215	72%	31%	3%
Not disadvantaged	218	86%	53%	14%	224	85%	55%	19%
Total	420	74%	41%	9%	439	79%	43%	11%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	420	74%	41%	9%	439	79%	43%	11%
Total	420	74%	41%	9%	439	79%	43%	11%

## 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	1	s	s	s
Black	67	97%	57%	4%
Hispanic	14	s	s	s
Asian or Pacific Islander	15	100%	87%	27%
White	309	98%	87%	39%
Total	406	97%	81%	32%
Small Group Totals (s)	15	80%	60%	13%
<b>Results by Disability Status</b>				
General-education students	340	99%	89%	37%
Students with disabilities	66	85%	38%	6%
Total	406	97%	81%	32%
<b>Results by Gender</b>				
Female	212	99%	82%	31%
Male	194	95%	80%	34%
Total	406	97%	81%	32%
<b>Results by English Proficiency Status</b>				
English proficient	406	97%	81%	32%
Limited English proficient	0	0%	0%	0%
Total	406	97%	81%	32%
<b>Results by Income Level</b>				
Economically disadvantaged	193	96%	74%	13%
Not disadvantaged	213	98%	87%	50%
Total	406	97%	81%	32%
<b>Results by Migrant Status</b>				
Migrant family	0	0%	0%	0%
Not migrant family	406	97%	81%	32%
Total	406	97%	81%	32%

## 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						0	0	0	0	0%
Black						54	10	28	0	70%
Hispanic						11	3	6	0	82%
Asian or Pacific Islander						15	6	6	0	80%
White						309	32	203	0	76%
Total						389	51	243	0	76%
Small Group Totals (s)						0	0	0	0	0%
<b>Results by Disability Status</b>										
General-education students	276	31	237	0	97%	354	45	239	0	80%
Students with disabilities	23	4	7	4	65%	35	6	4	0	29%
Total	299	35	244	4	95%	389	51	243	0	76%
<b>Results by Gender</b>										
Female						191	21	133	0	81%
Male						198	30	110	0	71%
Total						389	51	243	0	76%
<b>Results by English Proficiency Status</b>										
English proficient	294	33	243	4	95%	389	51	243	0	76%
Limited English proficient	5	2	1	0	60%	0	0	0	0	0%
Total	299	35	244	4	95%	389	51	243	0	76%
<b>Results by Income Level</b>										
Economically disadvantaged						24	3	15	0	75%
Not disadvantaged						365	48	228	0	76%
Total						389	51	243	0	76%
<b>Results by Migrant Status</b>										
Migrant family						0	0	0	0	0%
Not migrant family						389	51	243	0	76%
Total						389	51	243	0	76%

**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						0	0	0	0	0%
Black						54	3	20	0	43%
Hispanic						11	0	5	0	45%
Asian or Pacific Islander						15	4	6	0	67%
White						309	31	180	0	68%
Total						389	38	211	0	64%
Small Group Totals (s)						0	0	0	0	0%
<b>Results by Disability Status</b>										
General-education students	276	28	225	0	92%	354	37	205	0	68%
Students with disabilities	23	1	5	15	91%	35	1	6	0	20%
Total	299	29	230	15	92%	389	38	211	0	64%
<b>Results by Gender</b>										
Female						191	17	113	0	68%
Male						198	21	98	0	60%
Total						389	38	211	0	64%
<b>Results by English Proficiency Status</b>										
English proficient						389	38	211	0	64%
Limited English proficient						0	0	0	0	0%
Total						389	38	211	0	64%
<b>Results by Income Level</b>										
Economically disadvantaged						24	5	5	0	42%
Not disadvantaged						365	33	206	0	65%
Total						389	38	211	0	64%
<b>Results by Migrant Status</b>										
Migrant family						0	0	0	0	0%
Not migrant family						389	38	211	0	64%
Total						389	38	211	0	64%

## 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	0	0%
Black	56	45%
Hispanic	11	36%
Asian or Pacific Islander	15	67%
White	310	69%
Total	392	65%
Small Group Totals (s)	0	0%
<b>Results by Disability Status</b>		
General-education students	356	67%
Students with disabilities	36	47%
Total	392	65%
<b>Results by Gender</b>		
Female	193	74%
Male	199	56%
Total	392	65%
<b>Results by English Proficiency Status</b>		
English proficient	392	65%
Limited English proficient	0	0%
Total	392	65%
<b>Results by Income Level</b>		
Economically disadvantaged	25	72%
Not disadvantaged	367	64%
Total	392	65%
<b>Results by Migrant Status</b>		
Migrant family	0	0%
Not migrant family	392	65%
Total	392	65%

## 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.