

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**

**Liverpool Central 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: Mr. John J. Cataldo		Phone: (315)453-0225	
<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	8,631	646	106

<b>2000-01 School District Total Expenditure per Pupil</b>	\$11,160
<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	106	1.2%	90	1.0%	118	1.3%
Eligible for Free Lunch	1,013	11.6%	1,055	12.2%	1,034	12.0%

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

Number of Core Classes	Percent Taught by Highly Qualified Teachers
1,386	95%

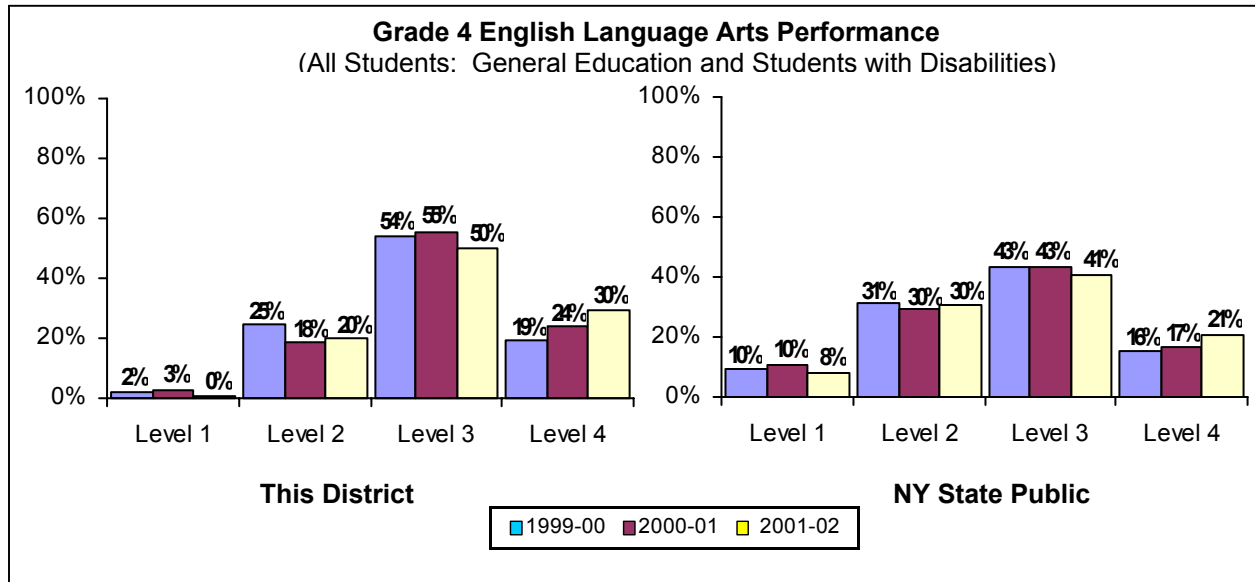
\*For the 2001-02 school year only, teachers of core classes are considered to be highly qualified if they are certified to teach that subject.

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

Number of Teachers	Percent No Valid Teaching Certificate
638	2%

\*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	13	165	358	129	665	666
Jan–Feb 2001	16	114	342	149	621	671
Jan–Feb 2002	3	132	323	192	650	676

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> .

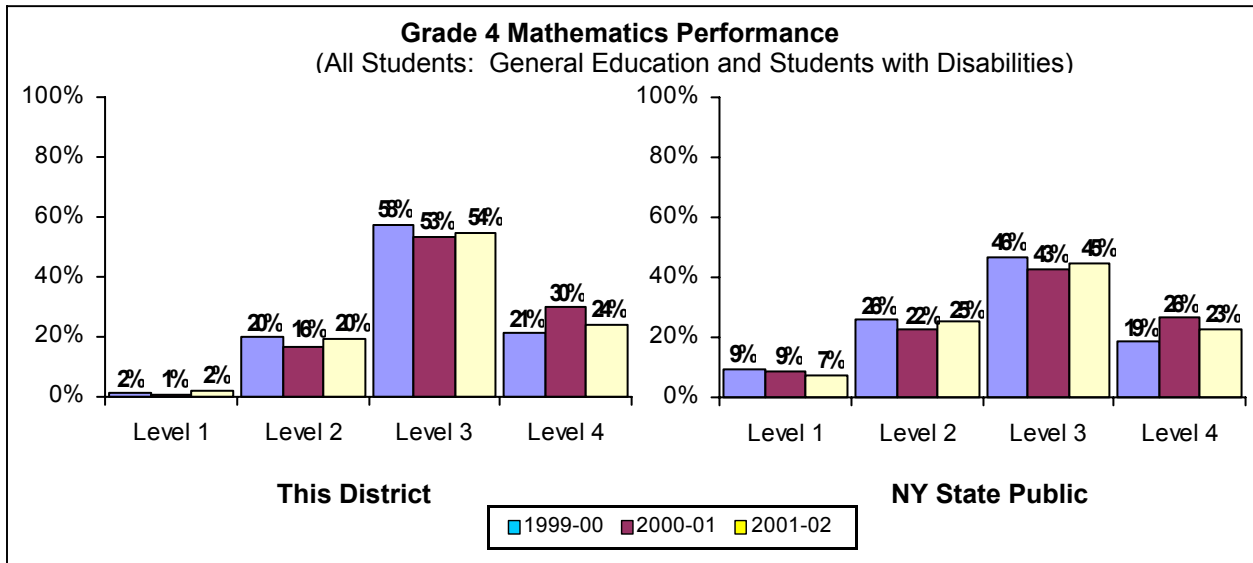
### Performance of Limited English Proficient (LEP) Students

Grade 4	English Proficiency Below Effective Participation Level	Making Appropriate Progress
2002	7	0

### 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
2001–02	4	#	#	#	#

## Elementary Level Mathematics



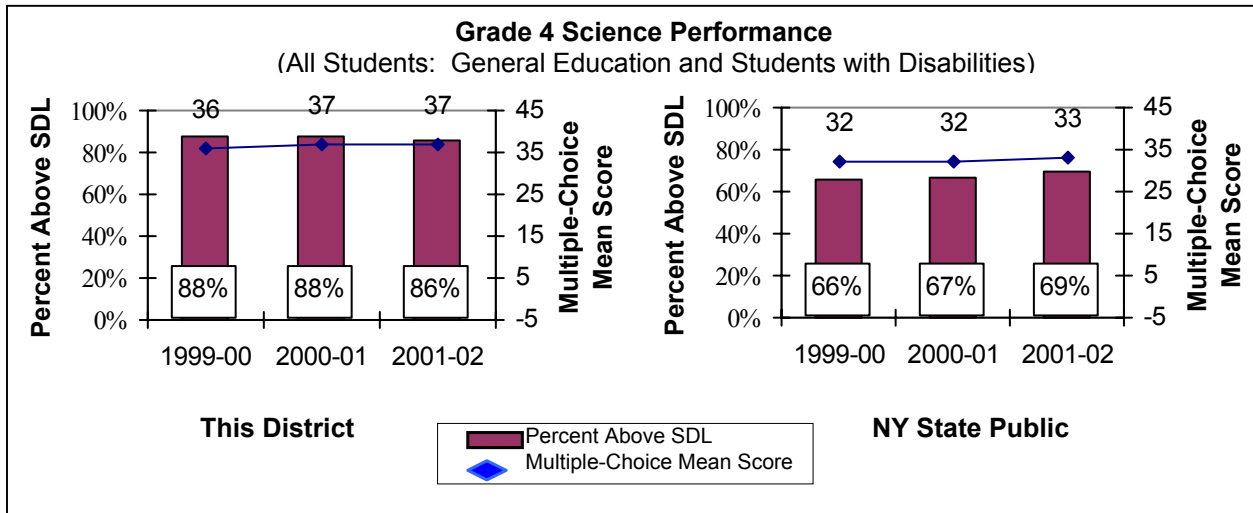
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 448-601	Level 2 602-636	Level 3 637-677	Level 4 678-810	Total	
May 2000	11	130	381	139	661	658
May 2001	4	103	333	186	626	665
May 2002	11	129	357	159	656	658

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>	5	1	1	3	0

## Elementary Level Science Multiple-Choice



### All Students

	Number Tested	Number Above SDL	Mean Score
May 2000	655	576	36
May 2001	625	547	37
May 2002	576	496	37

### 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>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.

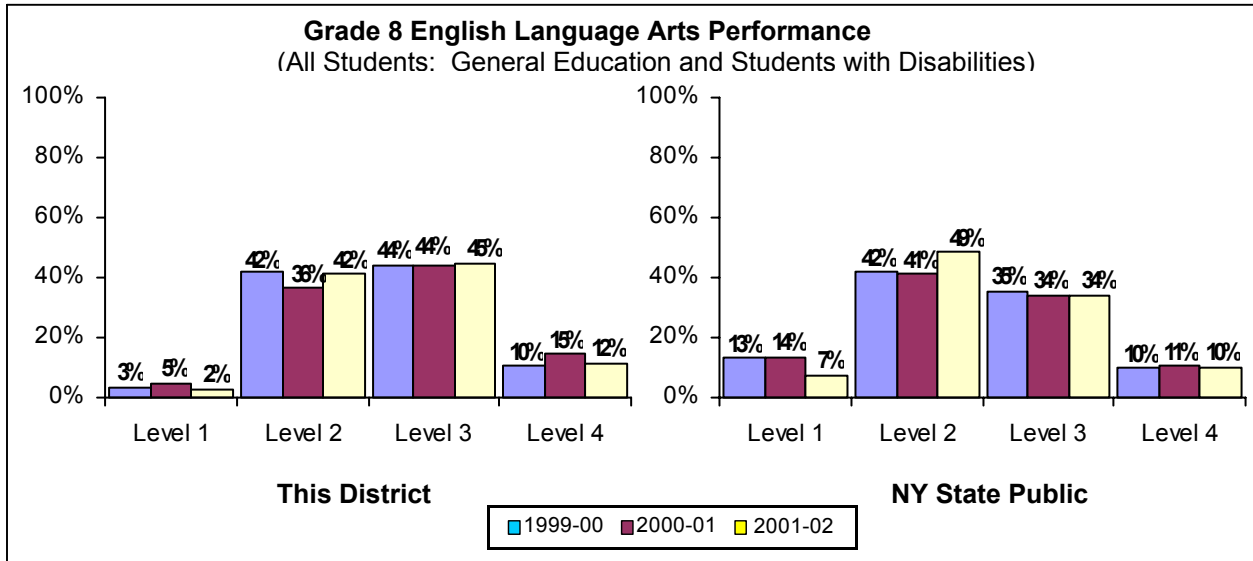
## Elementary Level Science Performance Test

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	649	36
May 2001	617	36
May 2002	572	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	23	286	298	71	678	705
May 2001	34	250	300	102	686	708
	Level 1 527-659	Level 2 660-698	Level 3 699-737	Level 4 738-830	Total	
March 2002	15	260	279	72	626	704

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

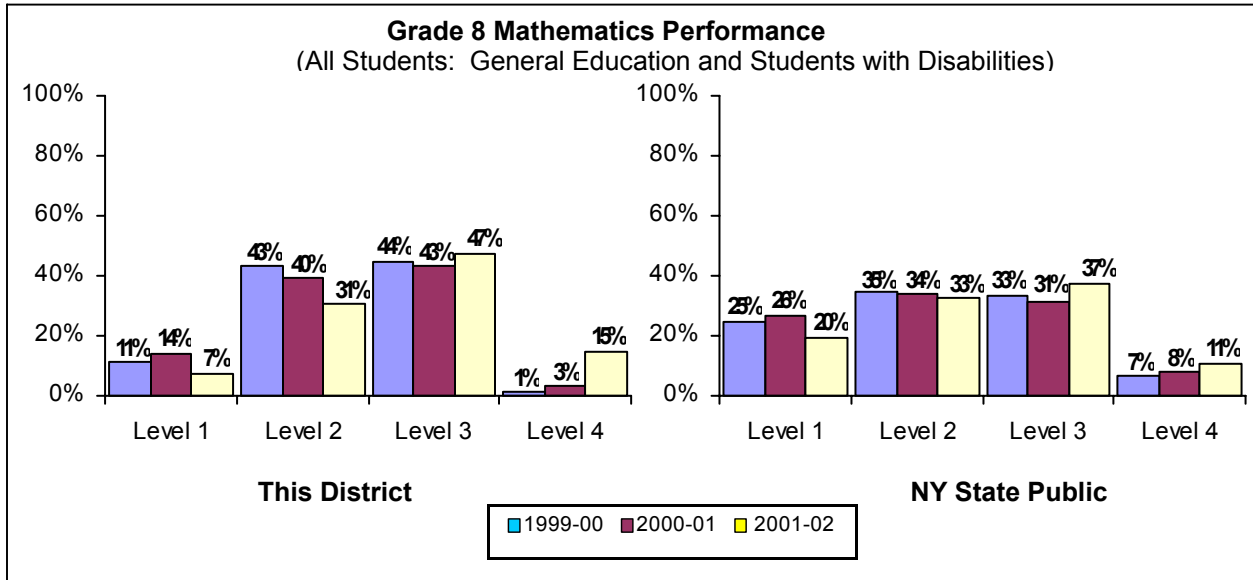
Grade 8	English Proficiency Below Effective Participation Level	Making Appropriate Progress
2002	#	#

### 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	9	1	2	6	0



## Middle Level Mathematics



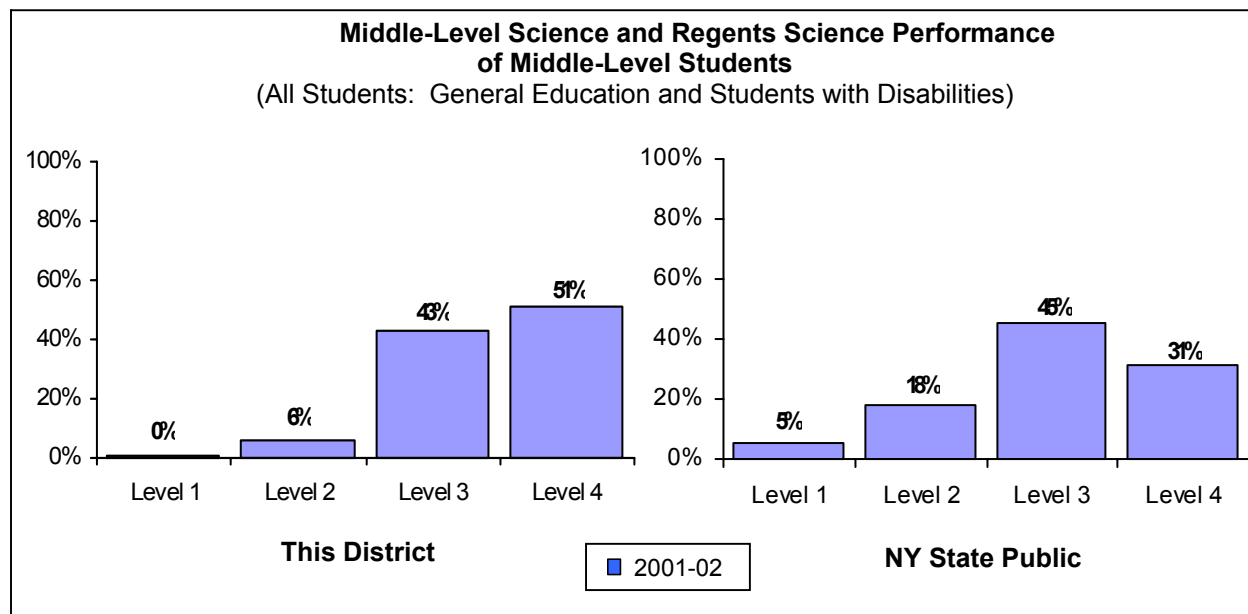
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 517-680	Level 2 681-715	Level 3 716-759	Level 4 760-882	Total	
May 2000	63	239	246	6	554	711
May 2001	80	224	245	17	566	710
May 2002	46	190	294	92	622	726

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>	9	1	3	5	0

## Middle Level Science



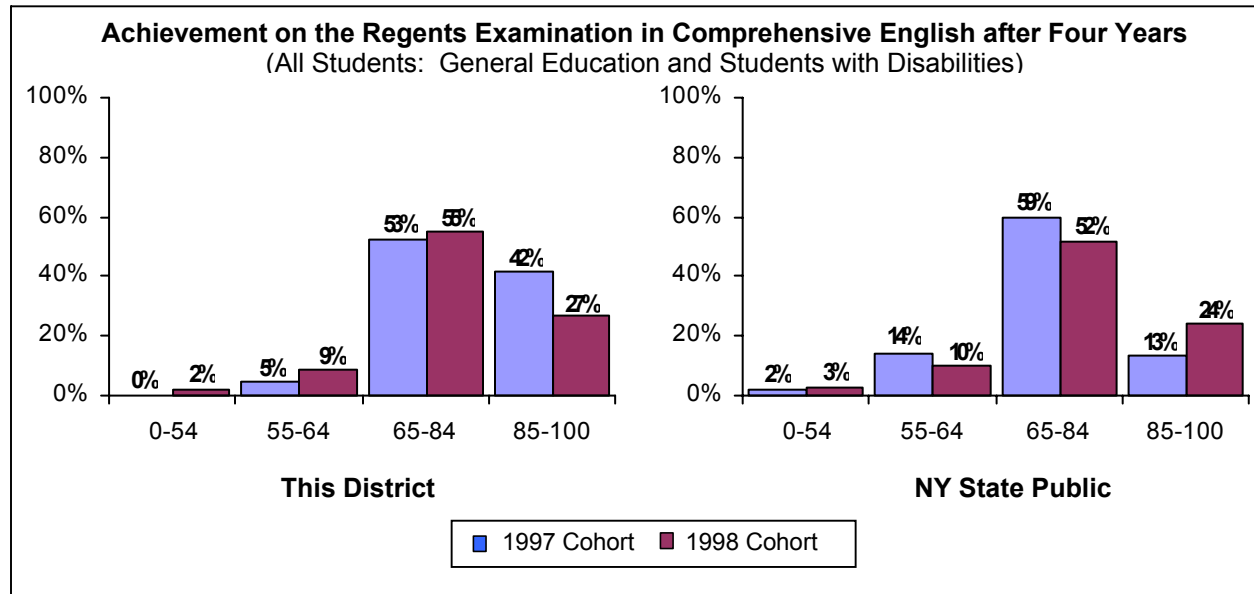
Performance at This District		Counts of Students Tested					Mean Score
		Level 1	Level 2	Level 3	Level 4	Total	
June 2002	Middle-Level Science	3	35	261	308	607	83
	Regents Science	0	0	0	0	0	0

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.

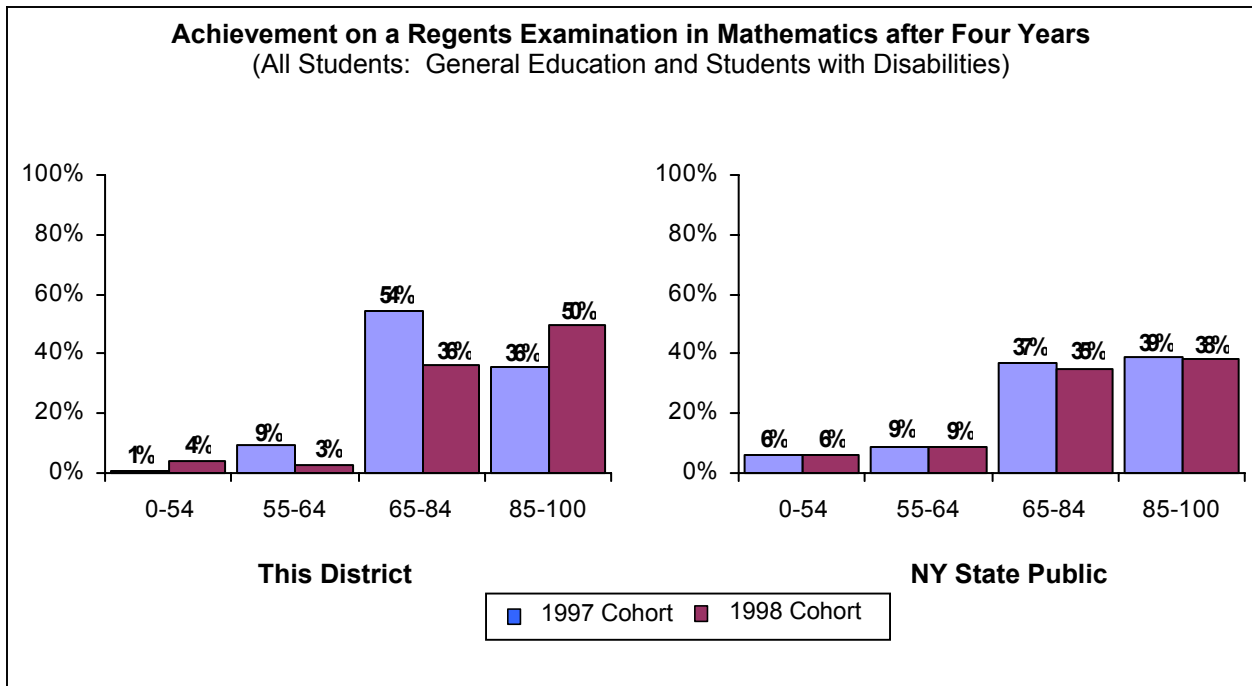


English Graduation Requirement Achievement after Four Years of High School*							
	Student Category	Cohort Members	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit	Passed RCT
1997 Cohort	General Education	515	23	273	219	0	0
	Students w/ Disabilities	12	2	4	1	0	4
	<b>All Students</b>	<b>527</b>	<b>25</b>	<b>277</b>	<b>220</b>	<b>0</b>	<b>4</b>
1998 Cohort	General Education	516	40	288	156	0	0
	Students w/ Disabilities	74	13	35	2	0	0
	<b>All Students</b>	<b>590</b>	<b>53</b>	<b>323</b>	<b>158</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.

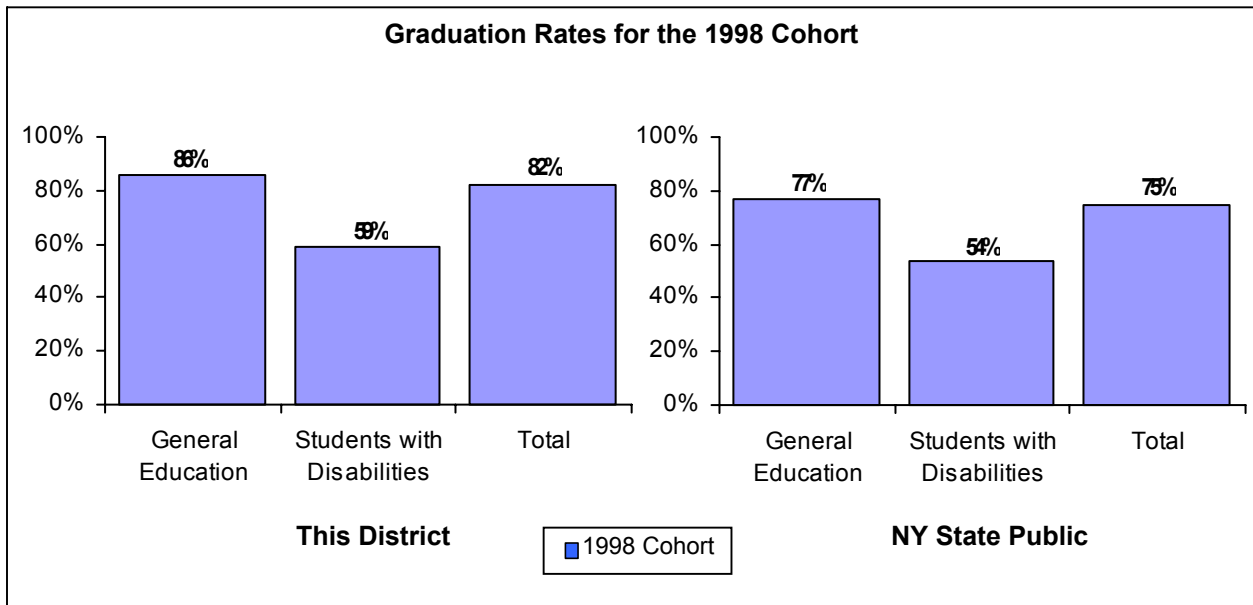


Mathematics Graduation Requirement Achievement after Four Years of High School*							
	Student Category	Cohort Members	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit	Passed RCT
1997 Cohort	General Education	515	46	278	189	0	0
	Students w/ Disabilities	12	2	7	0	0	2
	<b>All Students</b>	<b>527</b>	<b>48</b>	<b>285</b>	<b>189</b>	<b>0</b>	<b>2</b>
1998 Cohort	General Education	516	12	195	281	0	0
	Students w/ Disabilities	74	5	20	13	0	4
	<b>All Students</b>	<b>590</b>	<b>17</b>	<b>215</b>	<b>294</b>	<b>0</b>	<b>4</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	525	450
Students with disabilities	75	44
Total	600	494

## **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	1	s	s	s	1	s	s	s
Black	35	91%	69%	6%	38	100%	63%	16%
Hispanic	12	s	s	s	12	s	s	s
Asian or Pacific Islander	12	100%	67%	25%	14	100%	71%	21%
White	561	98%	80%	25%	585	99%	81%	31%
Total	621	97%	79%	24%	650	100%	79%	30%
Small Group Totals (s)	13	100%	85%	23%	13	100%	62%	0%
<b>Results by Disability Status</b>								
General-education students	511	99%	83%	27%	561	100%	81%	31%
Students with disabilities	110	92%	61%	9%	89	99%	71%	18%
Total	621	97%	79%	24%	650	100%	79%	30%
<b>Results by Gender</b>								
Female	303	99%	81%	31%	328	99%	78%	30%
Male	318	96%	77%	17%	322	100%	80%	30%
Total	621	97%	79%	24%	650	100%	79%	30%
<b>Results by English Proficiency Status</b>								
English proficient	619	s	s	s	648	s	s	s
Limited English proficient	2	s	s	s	2	s	s	s
Total	621	97%	79%	24%	650	100%	79%	30%
<b>Results by Income Level</b>								
Economically disadvantaged	141	95%	68%	12%	118	98%	62%	14%
Not disadvantaged	480	98%	82%	28%	532	100%	83%	33%
Total	621	97%	79%	24%	650	100%	79%	30%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	621	97%	79%	24%	650	100%	79%	30%
Total	621	97%	79%	24%	650	100%	79%	30%

## 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	1	s	s	s	1	s	s	s
Black	33	97%	82%	21%	36	92%	56%	8%
Hispanic	13	100%	92%	31%	13	s	s	s
Asian or Pacific Islander	12	s	s	s	18	100%	83%	44%
White	567	99%	83%	31%	588	99%	81%	25%
Total	626	99%	83%	30%	656	98%	79%	24%
Small Group Totals (s)	13	100%	85%	15%	14	100%	43%	0%
<b>Results by Disability Status</b>								
General-education students	514	99%	84%	33%	570	99%	83%	27%
Students with disabilities	112	99%	77%	16%	86	94%	49%	7%
Total	626	99%	83%	30%	656	98%	79%	24%
<b>Results by Gender</b>								
Female	305	100%	81%	30%	331	98%	74%	21%
Male	321	99%	85%	30%	325	99%	83%	27%
Total	626	99%	83%	30%	656	98%	79%	24%
<b>Results by English Proficiency Status</b>								
English proficient	623	s	s	s	649	98%	79%	24%
Limited English proficient	3	s	s	s	7	100%	71%	29%
Total	626	99%	83%	30%	656	98%	79%	24%
<b>Results by Income Level</b>								
Economically disadvantaged	142	99%	75%	17%	118	94%	60%	8%
Not disadvantaged	484	99%	85%	33%	538	99%	83%	28%
Total	626	99%	83%	30%	656	98%	79%	24%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	626	99%	83%	30%	656	98%	79%	24%
Total	626	99%	83%	30%	656	98%	79%	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			1	s
Black			34	65%
Hispanic			13	s
Asian or Pacific Islander			18	83%
White			510	88%
Total			576	86%
Small Group Totals (s)			14	57%
<b>Results by Disability Status</b>				
General-education students	513	91%	503	90%
Students with disabilities	112	70%	73	62%
Total	625	88%	576	86%
<b>Results by Gender</b>				
Female			290	82%
Male			286	90%
Total			576	86%
<b>Results by English Proficiency Status</b>				
English proficient			569	86%
Limited English proficient			7	57%
Total			576	86%
<b>Results by Income Level</b>				
Economically disadvantaged			113	71%
Not disadvantaged			463	90%
Total			576	86%
<b>Results by Migrant Status</b>				
Migrant family			0	0%
Not migrant family			576	86%
Total			576	86%

**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	5	100%	60%	0%
Black	39	85%	36%	0%	53	96%	28%	6%
Hispanic	4	s	s	s	10	100%	50%	0%
Asian or Pacific Islander	7	100%	57%	14%	13	100%	38%	15%
White	635	96%	60%	16%	545	98%	59%	12%
Total	686	95%	59%	15%	626	98%	56%	12%
Small Group Totals (s)	5	100%	60%	0%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	580	97%	66%	17%	527	99%	64%	13%
Students with disabilities	106	82%	19%	1%	99	92%	14%	1%
Total	686	95%	59%	15%	626	98%	56%	12%
<b>Results by Gender</b>								
Female	358	96%	63%	19%	330	98%	55%	13%
Male	328	94%	53%	10%	296	97%	57%	10%
Total	686	95%	59%	15%	626	98%	56%	12%
<b>Results by English Proficiency Status</b>								
English proficient	686	95%	59%	15%	626	98%	56%	12%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	686	95%	59%	15%	626	98%	56%	12%
<b>Results by Income Level</b>								
Economically disadvantaged	96	89%	27%	2%	114	94%	27%	3%
Not disadvantaged	590	96%	64%	17%	512	98%	63%	13%
Total	686	95%	59%	15%	626	98%	56%	12%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	686	95%	59%	15%	626	98%	56%	12%
Total	686	95%	59%	15%	626	98%	56%	12%

## 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	4	s	s	s
Black	37	68%	16%	0%	56	84%	32%	0%
Hispanic	3	s	s	s	14	93%	36%	7%
Asian or Pacific Islander	6	s	s	s	13	s	s	s
White	519	87%	49%	3%	535	94%	66%	16%
Total	566	86%	46%	3%	622	93%	62%	15%
Small Group Totals (s)	10	90%	30%	0%	17	88%	65%	18%
<b>Results by Disability Status</b>								
General-education students	461	91%	52%	3%	525	96%	69%	17%
Students with disabilities	105	65%	19%	3%	97	74%	25%	2%
Total	566	86%	46%	3%	622	93%	62%	15%
<b>Results by Gender</b>								
Female	306	87%	45%	3%	327	92%	58%	14%
Male	260	85%	48%	3%	295	94%	66%	15%
Total	566	86%	46%	3%	622	93%	62%	15%
<b>Results by English Proficiency Status</b>								
English proficient	566	86%	46%	3%	618	s	s	s
Limited English proficient	0	0%	0%	0%	4	s	s	s
Total	566	86%	46%	3%	622	93%	62%	15%
<b>Results by Income Level</b>								
Economically disadvantaged	90	68%	27%	2%	114	79%	37%	4%
Not disadvantaged	476	89%	50%	3%	508	96%	68%	17%
Total	566	86%	46%	3%	622	93%	62%	15%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	566	86%	46%	3%	622	93%	62%	15%
Total	566	86%	46%	3%	622	93%	62%	15%

## 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	3	s	s	s
Black	54	98%	80%	22%
Hispanic	11	s	s	s
Asian or Pacific Islander	13	100%	100%	31%
White	526	100%	95%	55%
Total	607	100%	94%	51%
Small Group Totals (s)	14	100%	93%	14%
<b>Results by Disability Status</b>				
General-education students	511	100%	97%	56%
Students with disabilities	96	98%	76%	21%
Total	607	100%	94%	51%
<b>Results by Gender</b>				
Female	320	99%	93%	44%
Male	287	100%	94%	58%
Total	607	100%	94%	51%
<b>Results by English Proficiency Status</b>				
English proficient	606	s	s	s
Limited English proficient	1	s	s	s
Total	607	100%	94%	51%
<b>Results by Income Level</b>				
Economically disadvantaged	109	97%	81%	20%
Not disadvantaged	498	100%	97%	57%
Total	607	100%	94%	51%
<b>Results by Migrant Status</b>				
Migrant family	0	0%	0%	0%
Not migrant family	607	100%	94%	51%
Total	607	100%	94%	51%

## 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						3	s	s	s	s
Black						20	4	14	0	90%
Hispanic						8	s	s	s	s
Asian or Pacific Islander						10	3	7	0	100%
White						549	44	455	0	91%
Total						590	53	481	0	91%
Small Group Totals (s)						11	2	5	0	64%
<b>Results by Disability Status</b>										
General-education students	515	23	492	0	100%	516	40	444	0	94%
Students with disabilities	12	2	5	4	92%	74	13	37	0	68%
Total	527	25	497	4	100%	590	53	481	0	91%
<b>Results by Gender</b>										
Female						305	24	263	0	94%
Male						285	29	218	0	87%
Total						590	53	481	0	91%
<b>Results by English Proficiency Status</b>										
English proficient	527	25	497	4	100%	590	53	481	0	91%
Limited English proficient	0	0	0	0	0%	0	0	0	0	0%
Total	527	25	497	4	100%	590	53	481	0	91%
<b>Results by Income Level</b>										
Economically disadvantaged						56	6	40	0	82%
Not disadvantaged						534	47	441	0	91%
Total						590	53	481	0	91%
<b>Results by Migrant Status</b>										
Migrant family						0	0	0	0	0%
Not migrant family						590	53	481	0	91%
Total						590	53	481	0	91%

**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						3	s	s	s	s
Black						20	2	16	0	90%
Hispanic						8	s	s	s	s
Asian or Pacific Islander						10	0	10	0	100%
White						549	14	478	4	90%
Total						590	17	509	4	90%
Small Group Totals (s)						11	1	5	0	55%
<b>Results by Disability Status</b>										
General-education students	515	46	467	0	100%	516	12	476	0	95%
Students with disabilities	12	2	7	2	92%	74	5	33	4	57%
Total	527	48	474	2	99%	590	17	509	4	90%
<b>Results by Gender</b>										
Female						305	8	275	1	93%
Male						285	9	234	3	86%
Total						590	17	509	4	90%
<b>Results by English Proficiency Status</b>										
English proficient						590	17	509	4	90%
Limited English proficient						0	0	0	0	0%
Total						590	17	509	4	90%
<b>Results by Income Level</b>										
Economically disadvantaged						56	3	41	1	80%
Not disadvantaged						534	14	468	3	91%
Total						590	17	509	4	90%
<b>Results by Migrant Status</b>										
Migrant family						0	0	0	0	0%
Not migrant family						590	17	509	4	90%
Total						590	17	509	4	90%

## 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	3	s
Black	20	80%
Hispanic	8	s
Asian or Pacific Islander	10	90%
White	559	83%
Total	600	82%
Small Group Totals (s)	11	45%
<b>Results by Disability Status</b>		
General-education students	525	86%
Students with disabilities	75	59%
Total	600	82%
<b>Results by Gender</b>		
Female	307	90%
Male	293	74%
Total	600	82%
<b>Results by English Proficiency Status</b>		
English proficient	600	82%
Limited English proficient	0	0%
Total	600	82%
<b>Results by Income Level</b>		
Economically disadvantaged	58	71%
Not disadvantaged	542	84%
Total	600	82%
<b>Results by Migrant Status</b>		
Migrant family	0	0%
Not migrant family	600	82%
Total	600	82%

## 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.