

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**

**Lakeland Central School District**

**March 2003**

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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: Dr. Barnett Sturm		Phone: (914)245-1700	
<b>Organization</b> <b>2001-02</b>		School District Staff (both full- and part-time)	
Grade Range	Student Enrollment	Count of Teachers	Count of Other Professionals
NA	6,200	466	72

<b>2000-01 School District Total Expenditure per Pupil</b>	\$12,615
<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	44	0.7%	64	1.0%	81	1.3%
Eligible for Free Lunch	275	4.6%	230	4.0%	190	3.1%

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

Number of Core Classes	Percent Taught by Highly Qualified Teachers
1,016	91%

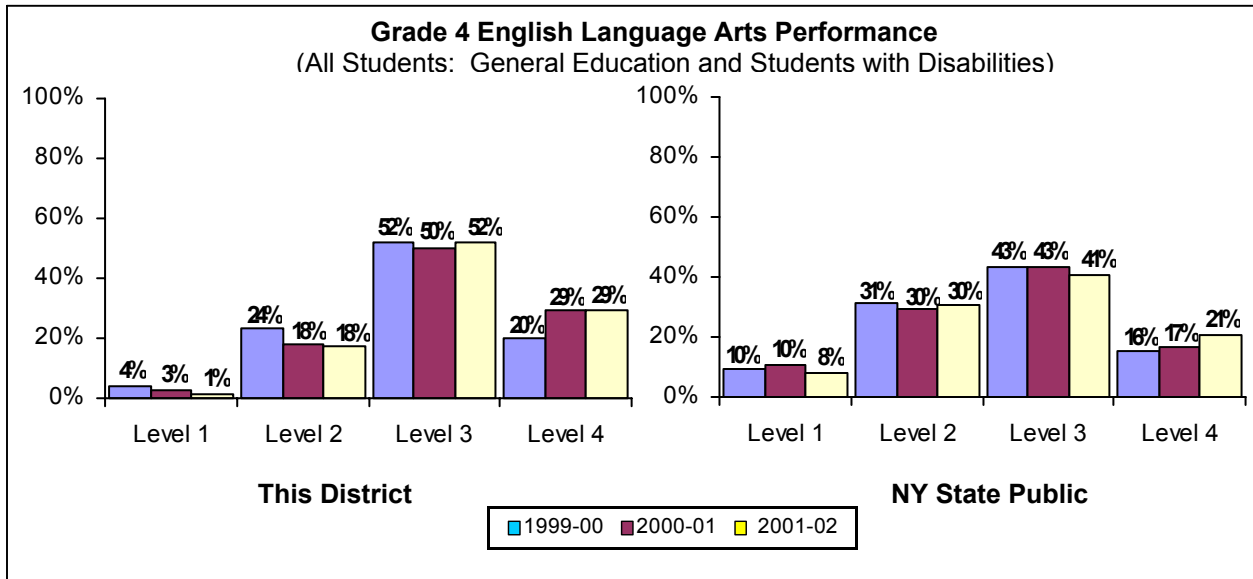
\*For the 2001-02 school year only, teachers of core classes are considered to be highly qualified if they are certified to teach that subject.

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

Number of Teachers	Percent No Valid Teaching Certificate
465	5%

\*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	21	120	266	103	510	665
Jan–Feb 2001	12	84	234	137	467	675
Jan–Feb 2002	6	82	242	136	466	677

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> .

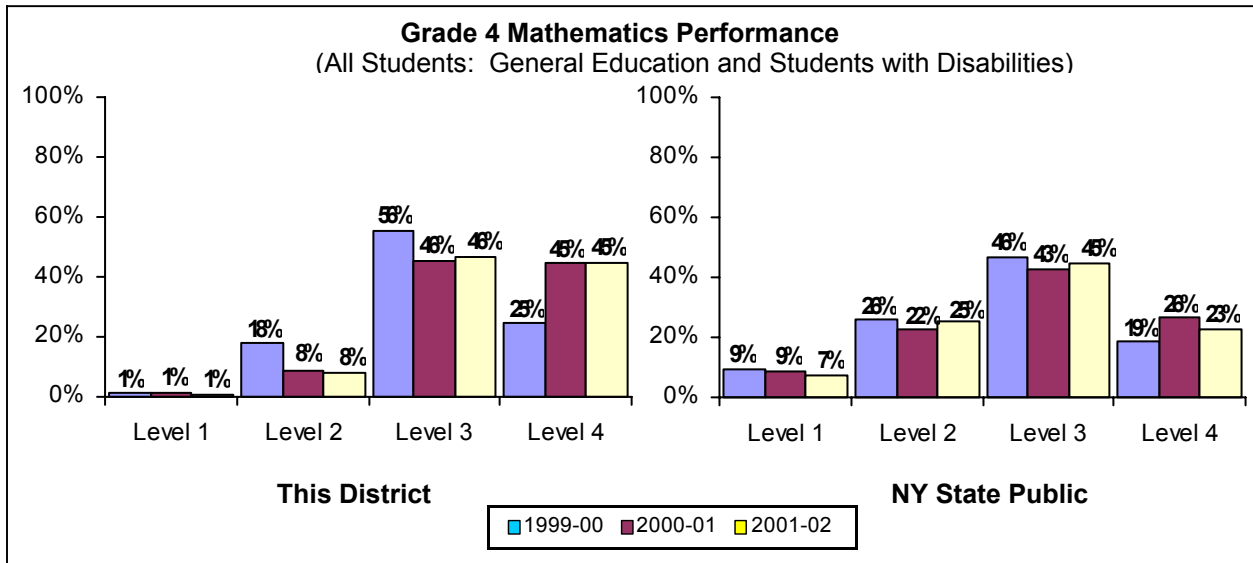
### Performance of Limited English Proficient (LEP) Students

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

## Elementary Level Mathematics



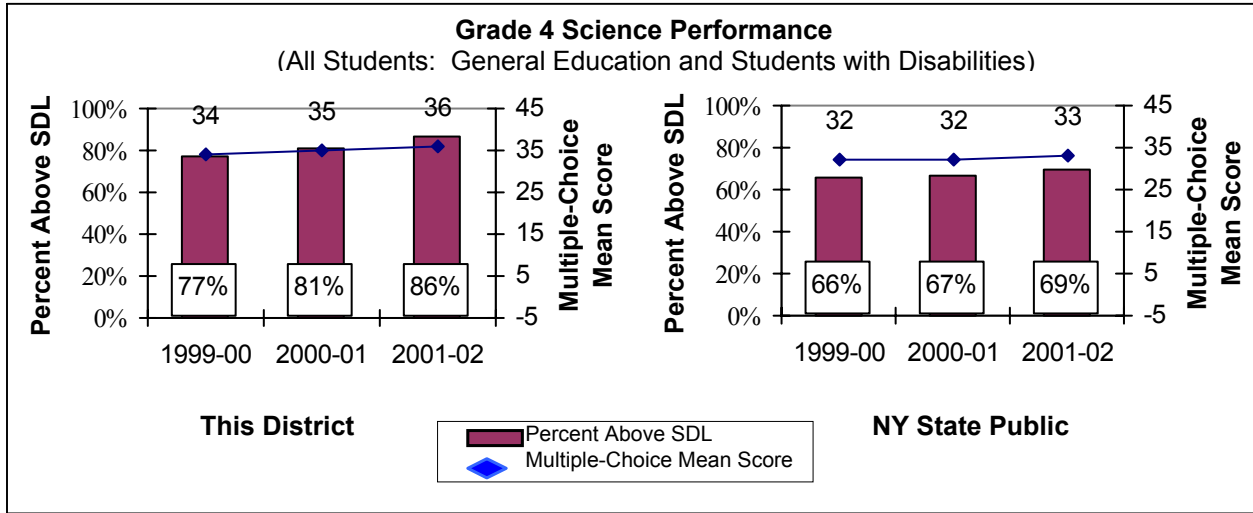
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 448-601	Level 2 602-636	Level 3 637-677	Level 4 678-810	Total	
May 2000	7	93	285	127	512	662
May 2001	6	40	215	210	471	677
May 2002	3	39	221	213	476	675

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	0	0	0	0	0

## Elementary Level Science Multiple-Choice



### All Students

	Number Tested	Number Above SDL	Mean Score
May 2000	514	398	34
May 2001	474	384	35
May 2002	474	409	36

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.

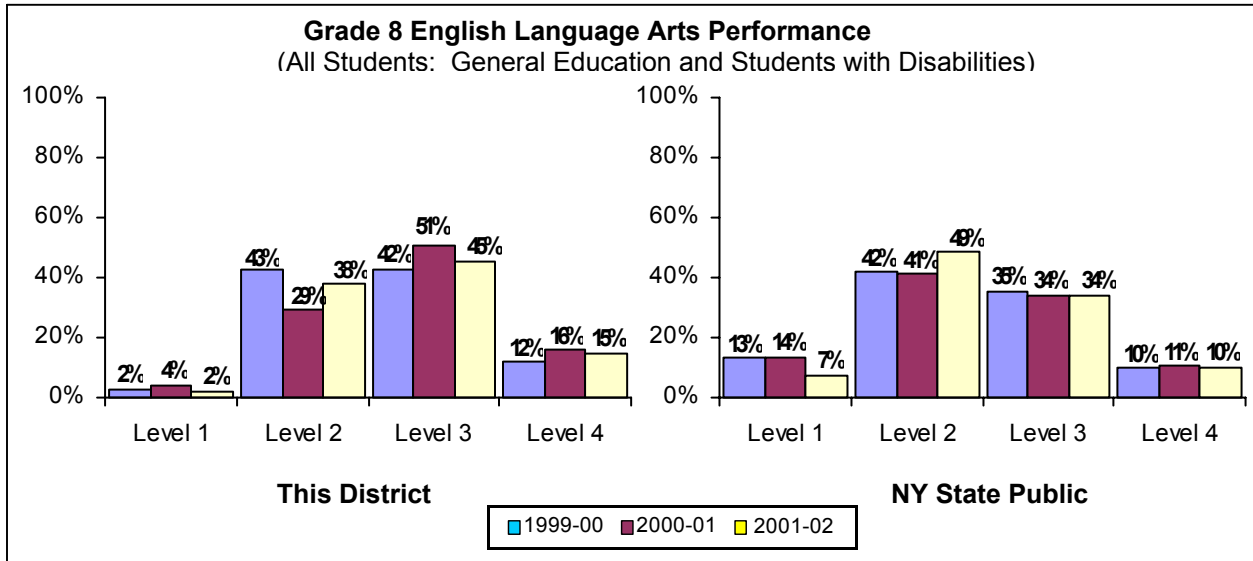
## Elementary Level Science Performance Test

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	512	37
May 2001	471	38
May 2002	472	40

## 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	10	177	175	50	412	707
May 2001	18	128	220	69	435	713
	Level 1 527-659	Level 2 660-698	Level 3 699-737	Level 4 738-830	Total	
March 2002	9	180	215	69	473	708

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

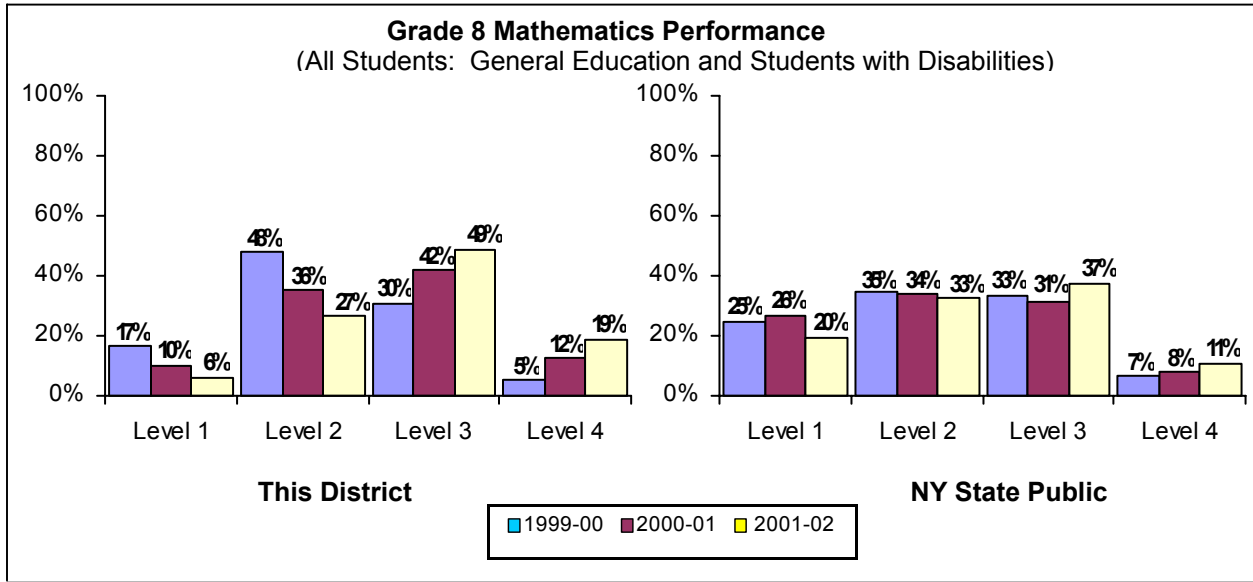
Grade 8	English Proficiency Below Effective Participation Level	Making Appropriate Progress
2002	0	0

### 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



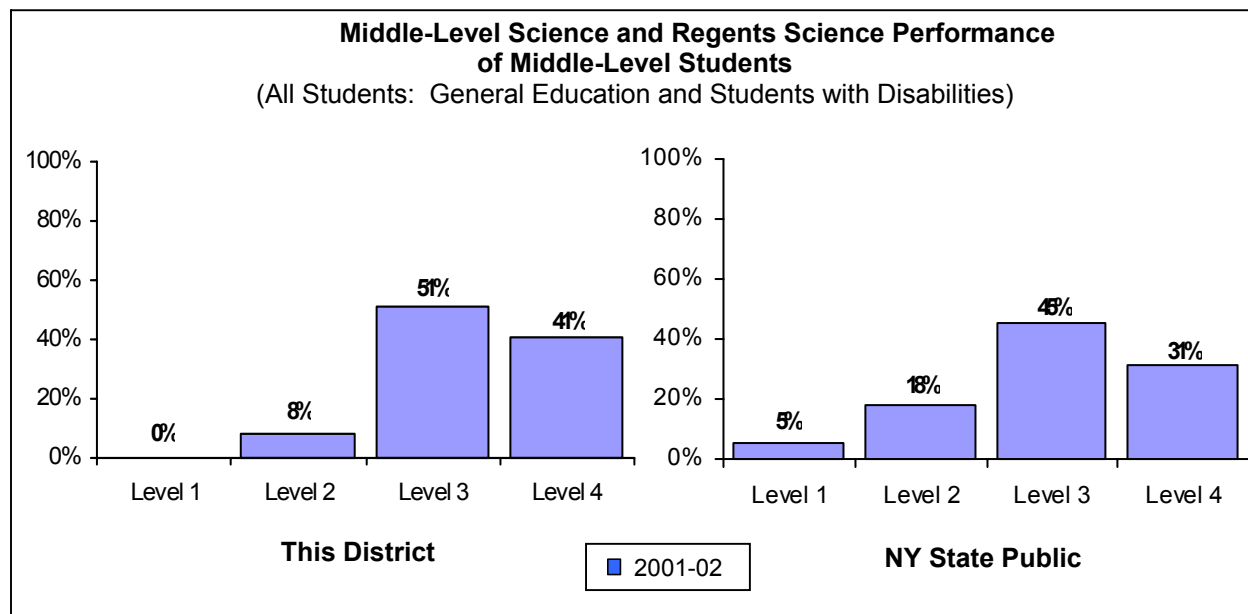
Performance at This District	Counts of Students Tested					Mean Score
	Level 1 517-680	Level 2 681-715	Level 3 716-759	Level 4 760-882	Total	
May 2000	68	197	125	21	411	708
May 2001	43	155	183	54	435	721
May 2002	28	126	231	89	474	732

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



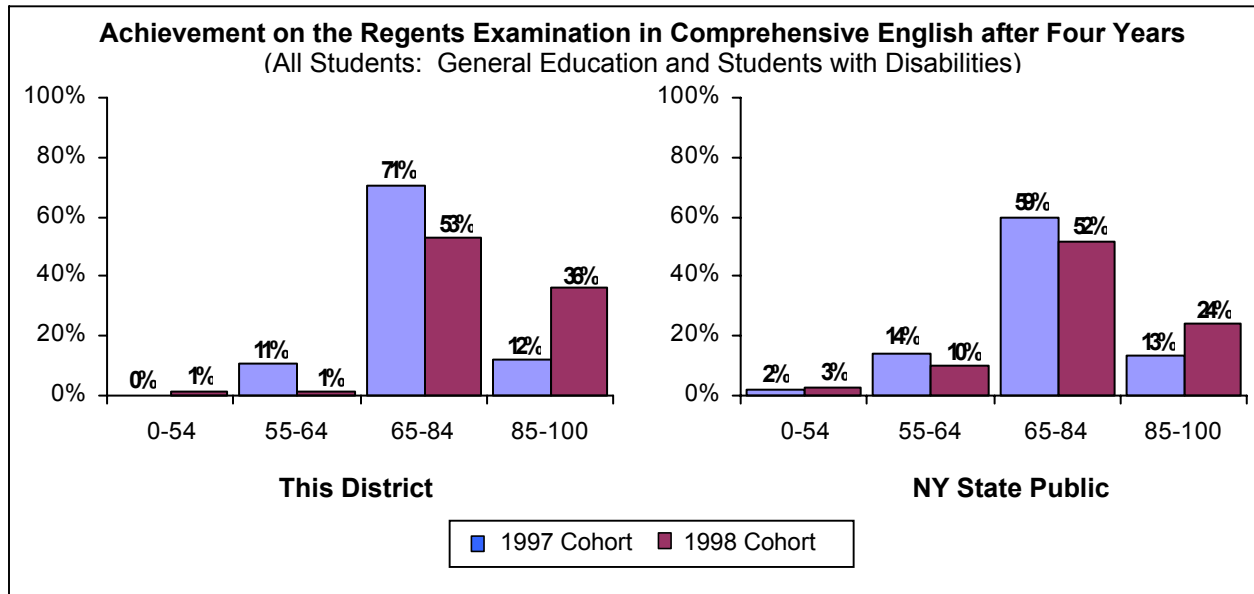
Performance at This District		Counts of Students Tested					Mean Score
		Level 1	Level 2	Level 3	Level 4	Total	
June 2002	Middle-Level Science	1	29	186	149	365	80
	Regents Science	0	0	0	0	0	0

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.

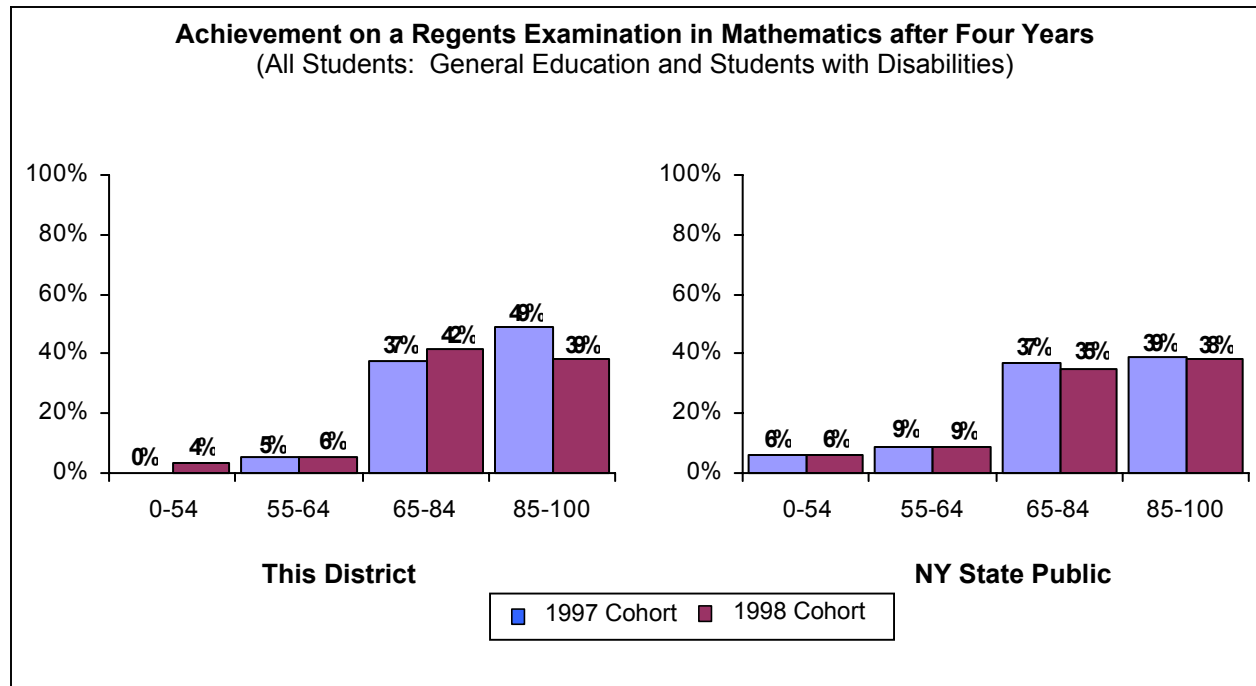


English Graduation Requirement Achievement after Four Years of High School*							
	Student Category	Cohort Members	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit	Passed RCT
1997 Cohort	General Education	394	30	304	55	0	0
	Students w/ Disabilities	65	19	20	0	0	23
	<b>All Students</b>	<b>459</b>	<b>49</b>	<b>324</b>	<b>55</b>	<b>0</b>	<b>23</b>
1998 Cohort	General Education	401	1	216	168	0	0
	Students w/ Disabilities	71	6	33	3	0	0
	<b>All Students</b>	<b>472</b>	<b>7</b>	<b>249</b>	<b>171</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.

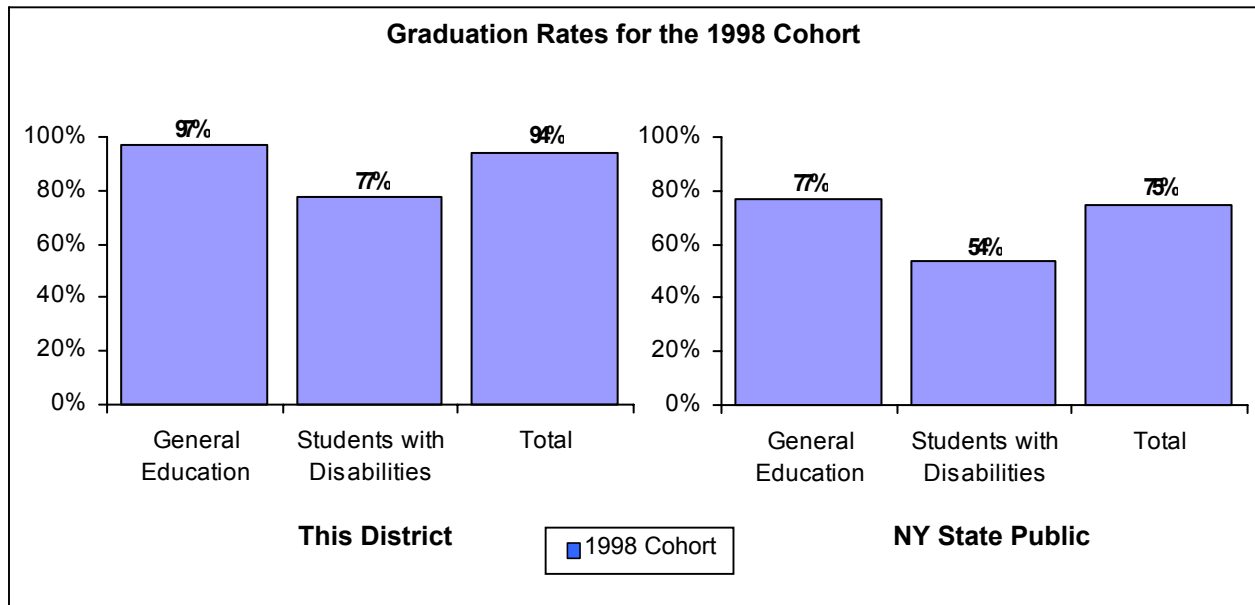


Mathematics Graduation Requirement Achievement after Four Years of High School*							
	Student Category	Cohort Members	Highest Score Between 55 and 64	Highest Score Between 65 and 84	Highest Score Between 85 and 100	Approved Alternative Credit	Passed RCT
1997 Cohort	General Education	394	14	155	223	0	1
	Students w/ Disabilities	65	10	17	2	0	33
	<b>All Students</b>	<b>459</b>	<b>24</b>	<b>172</b>	<b>225</b>	<b>0</b>	<b>34</b>
1998 Cohort	General Education	401	15	174	179	0	0
	Students w/ Disabilities	71	11	23	3	0	1
	<b>All Students</b>	<b>472</b>	<b>26</b>	<b>197</b>	<b>182</b>	<b>0</b>	<b>1</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	401	390
Students with disabilities	71	55
Total	472	445

## **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	0	0%	0%	0%
Black	21	95%	67%	10%	27	93%	59%	7%
Hispanic	29	90%	52%	7%	33	97%	70%	18%
Asian or Pacific Islander	18	s	s	s	21	100%	95%	38%
White	398	98%	82%	32%	385	99%	83%	31%
Total	467	97%	79%	29%	466	99%	81%	29%
Small Group Totals (s)	19	100%	79%	26%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	411	99%	85%	33%	424	99%	85%	31%
Students with disabilities	56	86%	39%	4%	42	93%	45%	7%
Total	467	97%	79%	29%	466	99%	81%	29%
<b>Results by Gender</b>								
Female	248	98%	81%	35%	233	99%	85%	34%
Male	219	96%	78%	22%	233	99%	77%	24%
Total	467	97%	79%	29%	466	99%	81%	29%
<b>Results by English Proficiency Status</b>								
English proficient	467	97%	79%	29%	466	99%	81%	29%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	467	97%	79%	29%	466	99%	81%	29%
<b>Results by Income Level</b>								
Economically disadvantaged	26	88%	46%	12%	0	0%	0%	0%
Not disadvantaged	441	98%	81%	30%	466	99%	81%	29%
Total	467	97%	79%	29%	466	99%	81%	29%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	467	97%	79%	29%	466	99%	81%	29%
Total	467	97%	79%	29%	466	99%	81%	29%

## 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	0	0%	0%	0%
Black	22	95%	86%	36%	28	96%	64%	25%
Hispanic	32	94%	66%	22%	37	97%	84%	22%
Asian or Pacific Islander	19	s	s	s	21	100%	100%	76%
White	397	99%	92%	47%	390	100%	93%	47%
Total	471	99%	90%	45%	476	99%	91%	45%
Small Group Totals (s)	20	100%	90%	45%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	414	99%	93%	49%	429	100%	94%	48%
Students with disabilities	57	95%	70%	14%	47	96%	66%	11%
Total	471	99%	90%	45%	476	99%	91%	45%
<b>Results by Gender</b>								
Female	250	98%	88%	42%	235	99%	91%	44%
Male	221	99%	93%	48%	241	100%	91%	46%
Total	471	99%	90%	45%	476	99%	91%	45%
<b>Results by English Proficiency Status</b>								
English proficient	469	s	s	s	473	s	s	s
Limited English proficient	2	s	s	s	3	s	s	s
Total	471	99%	90%	45%	476	99%	91%	45%
<b>Results by Income Level</b>								
Economically disadvantaged	26	92%	81%	19%	0	0%	0%	0%
Not disadvantaged	445	99%	91%	46%	476	99%	91%	45%
Total	471	99%	90%	45%	476	99%	91%	45%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	471	99%	90%	45%	476	99%	91%	45%
Total	471	99%	90%	45%	476	99%	91%	45%



## 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			28	61%
Hispanic			34	79%
Asian or Pacific Islander			21	100%
White			391	88%
Total			474	86%
Small Group Totals (s)			0	0%
<b>Results by Disability Status</b>				
General-education students	416	86%	428	89%
Students with disabilities	58	45%	46	61%
Total	474	81%	474	86%
<b>Results by Gender</b>				
Female			235	87%
Male			239	86%
Total			474	86%
<b>Results by English Proficiency Status</b>				
English proficient			471	s
Limited English proficient			3	s
Total			474	86%
<b>Results by Income Level</b>				
Economically disadvantaged			0	0%
Not disadvantaged			474	86%
Total			474	86%
<b>Results by Migrant Status</b>				
Migrant family			0	0%
Not migrant family			474	86%
Total			474	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	0	0%	0%	0%
Black	8	s	s	s	23	96%	48%	13%
Hispanic	36	83%	47%	3%	38	95%	34%	3%
Asian or Pacific Islander	9	100%	78%	22%	18	94%	61%	11%
White	381	97%	69%	17%	394	99%	63%	16%
Total	435	96%	66%	16%	473	98%	60%	15%
Small Group Totals (s)	9	89%	33%	0%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	371	99%	75%	19%	430	99%	65%	16%
Students with disabilities	64	78%	17%	0%	43	86%	12%	2%
Total	435	96%	66%	16%	473	98%	60%	15%
<b>Results by Gender</b>								
Female	225	98%	75%	23%	237	99%	67%	19%
Male	210	93%	57%	8%	236	97%	53%	11%
Total	435	96%	66%	16%	473	98%	60%	15%
<b>Results by English Proficiency Status</b>								
English proficient	435	96%	66%	16%	473	98%	60%	15%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	435	96%	66%	16%	473	98%	60%	15%
<b>Results by Income Level</b>								
Economically disadvantaged	50	82%	40%	6%	32	88%	56%	6%
Not disadvantaged	385	98%	70%	17%	441	99%	60%	15%
Total	435	96%	66%	16%	473	98%	60%	15%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	435	96%	66%	16%	473	98%	60%	15%
Total	435	96%	66%	16%	473	98%	60%	15%

## 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	0	0%	0%	0%
Black	8	s	s	s	24	83%	54%	4%
Hispanic	36	81%	31%	3%	38	87%	45%	5%
Asian or Pacific Islander	9	100%	56%	22%	18	94%	67%	17%
White	381	92%	57%	13%	394	95%	71%	21%
Total	435	90%	54%	12%	474	94%	68%	19%
Small Group Totals (s)	9	44%	22%	0%	0	0%	0%	0%
<b>Results by Disability Status</b>								
General-education students	371	96%	62%	15%	431	96%	72%	20%
Students with disabilities	64	58%	11%	0%	43	72%	26%	5%
Total	435	90%	54%	12%	474	94%	68%	19%
<b>Results by Gender</b>								
Female	226	90%	48%	12%	236	94%	67%	19%
Male	209	90%	61%	13%	238	94%	68%	18%
Total	435	90%	54%	12%	474	94%	68%	19%
<b>Results by English Proficiency Status</b>								
English proficient	435	90%	54%	12%	474	94%	68%	19%
Limited English proficient	0	0%	0%	0%	0	0%	0%	0%
Total	435	90%	54%	12%	474	94%	68%	19%
<b>Results by Income Level</b>								
Economically disadvantaged	49	76%	31%	2%	32	88%	56%	13%
Not disadvantaged	386	92%	58%	14%	442	95%	68%	19%
Total	435	90%	54%	12%	474	94%	68%	19%
<b>Results by Migrant Status</b>								
Migrant family	0	0%	0%	0%	0	0%	0%	0%
Not migrant family	435	90%	54%	12%	474	94%	68%	19%
Total	435	90%	54%	12%	474	94%	68%	19%

**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	22	100%	82%	41%
Hispanic	33	100%	85%	21%
Asian or Pacific Islander	16	100%	94%	50%
White	294	100%	93%	43%
Total	365	100%	92%	41%
Small Group Totals (s)	0	0%	0%	0%
<b>Results by Disability Status</b>				
General-education students	324	100%	94%	44%
Students with disabilities	41	98%	71%	12%
Total	365	100%	92%	41%
<b>Results by Gender</b>				
Female	169	99%	90%	35%
Male	196	100%	93%	46%
Total	365	100%	92%	41%
<b>Results by English Proficiency Status</b>				
English proficient	365	100%	92%	41%
Limited English proficient	0	0%	0%	0%
Total	365	100%	92%	41%
<b>Results by Income Level</b>				
Economically disadvantaged	30	97%	90%	27%
Not disadvantaged	335	100%	92%	42%
Total	365	100%	92%	41%
<b>Results by Migrant Status</b>				
Migrant family	0	0%	0%	0%
Not migrant family	365	100%	92%	41%
Total	365	100%	92%	41%

## 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						31	1	23	0	77%
Hispanic						46	0	43	0	93%
Asian or Pacific Islander						13	0	11	0	85%
White						382	6	343	0	91%
Total						472	7	420	0	90%
Small Group Totals (s)						0	0	0	0	0%
<b>Results by Disability Status</b>										
General-education students	394	30	359	0	99%	401	1	384	0	96%
Students with disabilities	65	19	20	23	95%	71	6	36	0	59%
Total	459	49	379	23	98%	472	7	420	0	90%
<b>Results by Gender</b>										
Female						232	1	209	0	91%
Male						240	6	211	0	90%
Total						472	7	420	0	90%
<b>Results by English Proficiency Status</b>										
English proficient	457	s	s	s	s	472	7	420	0	90%
Limited English proficient	2	s	s	s	s	0	0	0	0	0%
Total	459	49	379	23	98%	472	7	420	0	90%
<b>Results by Income Level</b>										
Economically disadvantaged						21	2	17	0	90%
Not disadvantaged						451	5	403	0	90%
Total						472	7	420	0	90%
<b>Results by Migrant Status</b>										
Migrant family						0	0	0	0	0%
Not migrant family						472	7	420	0	90%
Total						472	7	420	0	90%

**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						31	2	22	0	77%
Hispanic						46	2	37	1	87%
Asian or Pacific Islander						13	1	10	0	85%
White						382	21	310	0	87%
Total						472	26	379	1	86%
Small Group Totals (s)						0	0	0	0	0%
<b>Results by Disability Status</b>										
General-education students	394	14	378	1	100%	401	15	353	0	92%
Students with disabilities	65	10	19	33	95%	71	11	26	1	54%
Total	459	24	397	34	99%	472	26	379	1	86%
<b>Results by Gender</b>										
Female						232	11	187	0	85%
Male						240	15	192	1	87%
Total						472	26	379	1	86%
<b>Results by English Proficiency Status</b>										
English proficient						472	26	379	1	86%
Limited English proficient						0	0	0	0	0%
Total						472	26	379	1	86%
<b>Results by Income Level</b>										
Economically disadvantaged						21	1	16	0	81%
Not disadvantaged						451	25	363	1	86%
Total						472	26	379	1	86%
<b>Results by Migrant Status</b>										
Migrant family						0	0	0	0	0%
Not migrant family						472	26	379	1	86%
Total						472	26	379	1	86%

## 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	31	90%
Hispanic	46	98%
Asian or Pacific Islander	13	85%
White	382	95%
Total	472	94%
Small Group Totals (s)	0	0%
<b>Results by Disability Status</b>		
General-education students	401	97%
Students with disabilities	71	77%
Total	472	94%
<b>Results by Gender</b>		
Female	232	94%
Male	240	95%
Total	472	94%
<b>Results by English Proficiency Status</b>		
English proficient	472	94%
Limited English proficient	0	0%
Total	472	94%
<b>Results by Income Level</b>		
Economically disadvantaged	21	90%
Not disadvantaged	451	94%
Total	472	94%
<b>Results by Migrant Status</b>		
Migrant family	0	0%
Not migrant family	472	94%
Total	472	94%

## 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.