

580205-06-0000

# The New York State School District Report Card for Sachem Central School District

*An Overview of Academic Performance*



**March 2002**



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

**March 27, 2002**

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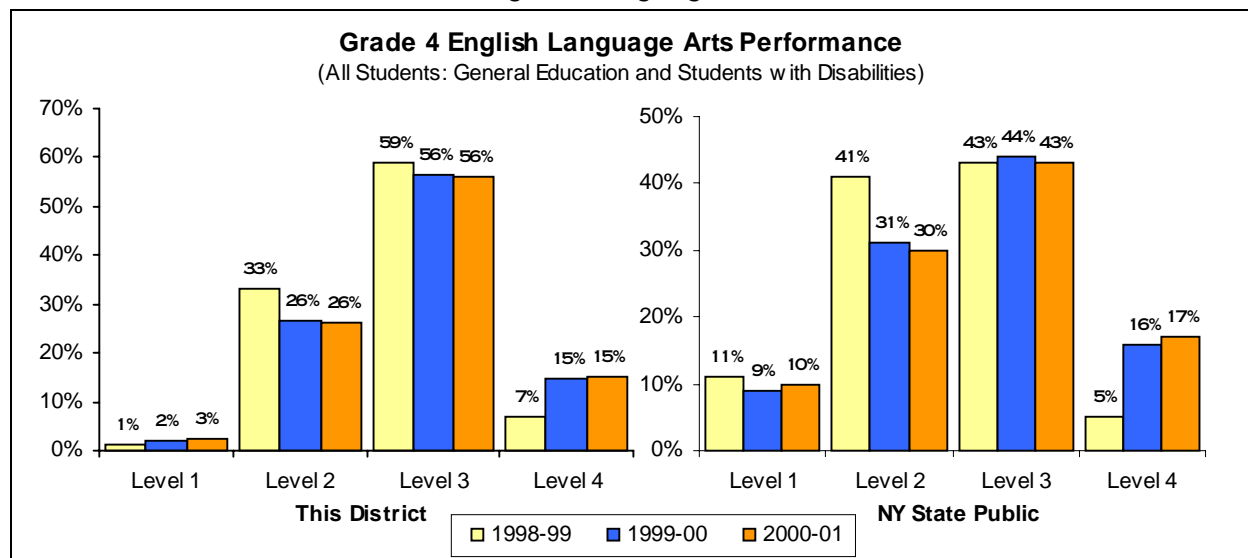
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## Elementary Level English Language Arts



Performance at This District		Counts of Students							Mean Score	
		Not Tested			Tested					
		AA <sup>1</sup>	ELL <sup>2</sup>	Absent <sup>3</sup>	Level 1	Level 2	Level 3	Level 4		Total
Jan 1999	General Education		7	21	3	287	667	84	1,041	658
	Students with Disabilities	25	4	3	10	111	45	0	166	632
	<b>All Students</b>	<b>25</b>	<b>11</b>	<b>24</b>	<b>13</b>	<b>398</b>	<b>712</b>	<b>84</b>	<b>1,207</b>	<b>655</b>
Jan 2000	General Education		10	8	9	236	656	186	1,087	667
	Students with Disabilities	33	2	1	19	100	62	3	184	636
	<b>All Students</b>	<b>33</b>	<b>12</b>	<b>9</b>	<b>28</b>	<b>336</b>	<b>718</b>	<b>189</b>	<b>1,271</b>	<b>662</b>
Jan 2001	General Education		8	4	10	241	625	182	1,058	666
	Students with Disabilities	34	0	1	21	76	56	4	157	635
	<b>All Students</b>	<b>34</b>	<b>8</b>	<b>5</b>	<b>31</b>	<b>317</b>	<b>681</b>	<b>186</b>	<b>1,215</b>	<b>662</b>

### Grade 4 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. All students scoring from <b>692 to 800</b> are in this level.
<b>Level 3</b>	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination. All students scoring from <b>645 to 691</b> are in this level.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards and pass the Regents examination. All students scoring from <b>603 to 644</b> are in this level.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> . All students scoring from <b>455 to 602</b> are in this level.

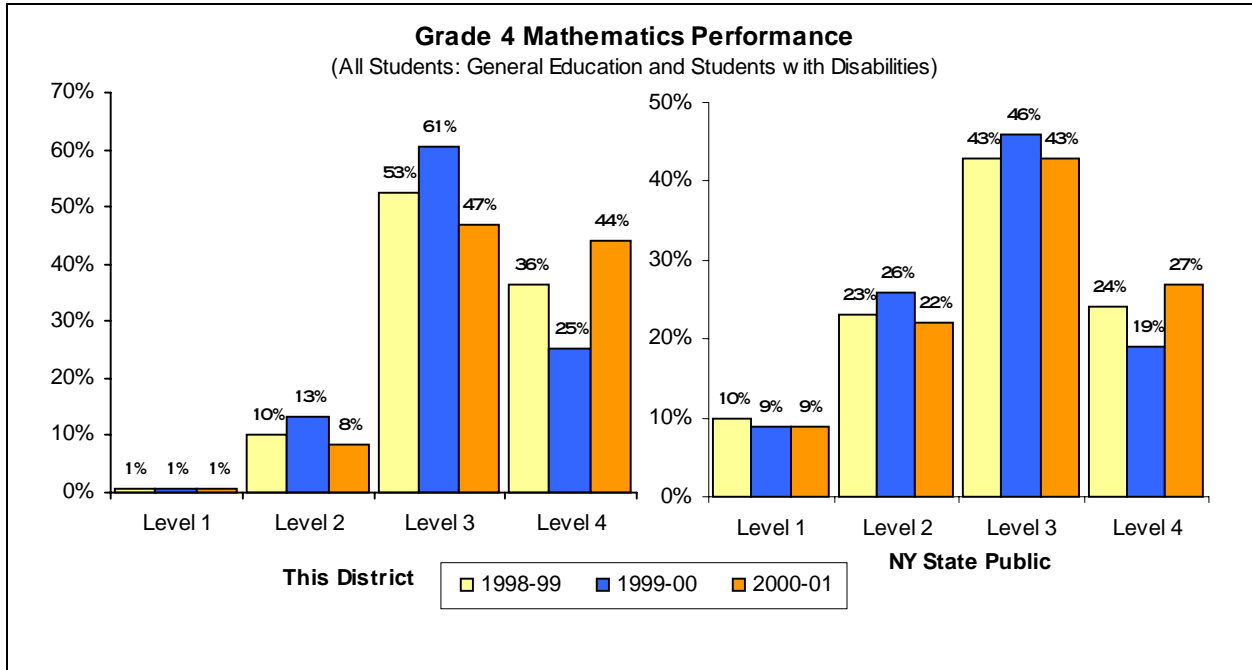
### Performance of English Language Learners (ELL)

ELL are students for whom English is a second language. Schools teach these students English so they can participate effectively in the academic program. ELL students without sufficient proficiency in English are not required to take the grade 4 ELA test. Their progress in learning English is measured, using standardized tests, and reported.

Grade 4	English Proficiency Below Effective Participation Level	Making Appropriate Progress
January 2001	8	3

- 1 For 2001, these students were eligible for the Alternate Assessment (AA). For 2000 and 1999, these students were exempt from this test because of disability as stated in their Individualized Educational Program.
  - 2 These students were not required to take the grade 4 ELA test because they were English Language Learners (ELL) who performed below the 30<sup>th</sup> percentile on another appropriate English reading assessment.
  - 3 These students were enrolled at the time of testing, but were not present to complete some part of the ELA assessment.
- # To protect student confidentiality, the pound character (#) appears when fewer than five students in a group were tested. If fewer than five were tested in one subgroup, then counts appear only in the "All Students" category.

# Elementary Level Mathematics



Performance at This District		Counts of Students							Mean Score	
		Not Tested			Tested					
		AA <sup>1</sup>	ELL <sup>2</sup>	Absent <sup>3</sup>	Level 1	Level 2	Level 3	Level 4		Total
June 1999	General Education		0	10	0	78	556	428	1,062	672
	Students with Disabilities	21	0	10	9	48	90	20	167	646
	<b>All Students</b>	<b>21</b>	<b>0</b>	<b>20</b>	<b>9</b>	<b>126</b>	<b>646</b>	<b>448</b>	<b>1,229</b>	<b>669</b>
May 2000	General Education		1	2	2	123	667	309	1,101	665
	Students with Disabilities	25	0	1	7	48	112	17	184	648
	<b>All Students</b>	<b>25</b>	<b>1</b>	<b>3</b>	<b>9</b>	<b>171</b>	<b>779</b>	<b>326</b>	<b>1,285</b>	<b>663</b>
May 2001	General Education		2	3	5	68	487	510	1,070	679
	Students with Disabilities	33	0	2	2	33	89	33	157	656
	<b>All Students</b>	<b>33</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>101</b>	<b>576</b>	<b>543</b>	<b>1,227</b>	<b>676</b>

### Grade 4 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. All students scoring from <b>678 to 810</b> are in this level.
<b>Level 3</b>	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination. All students scoring from <b>637 to 677</b> are in this level.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards and pass the Regents examination. All students scoring from <b>602 to 636</b> are in this level.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> . All students scoring from <b>448 to 601</b> are in this level.

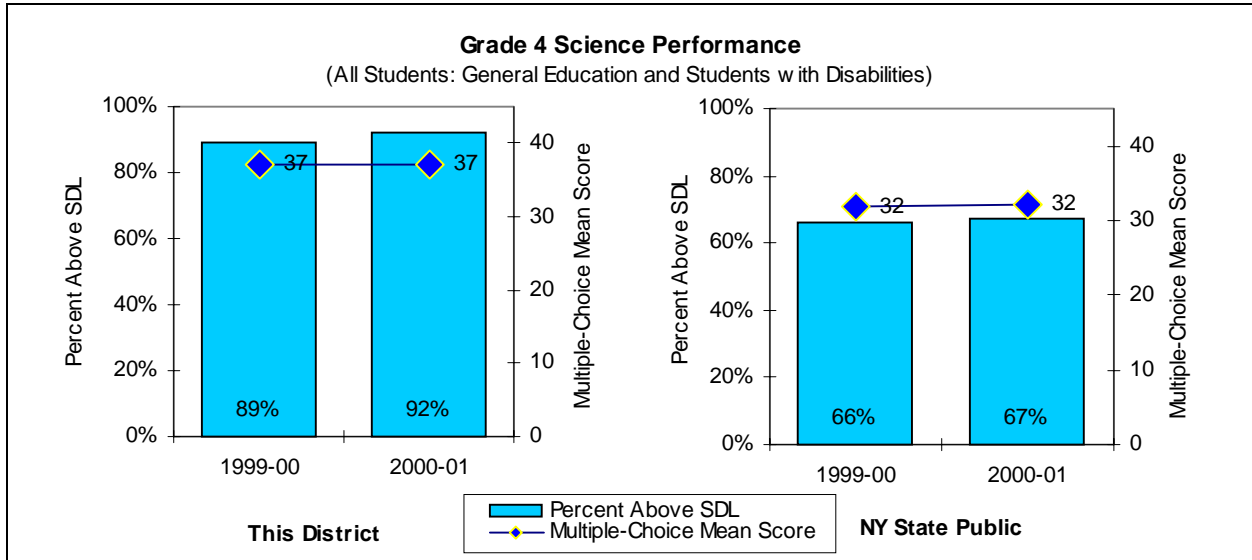
1 For 2001, these students were eligible for the Alternate Assessment (AA). For 2000 and 1999, these students were exempt from this test because of disability as stated in their Individualized Educational Program.

2 These students were not required to take this test because they were English language learners (ELL) who perform below the 30<sup>th</sup> percentile on an appropriate English reading assessment and there was no test form available in their native language. Other ELL students must take this test, but may take an alternative language form if such is available.

3 These students were enrolled at the time of testing but were not present to complete some part of this mathematics assessment.

# To protect student confidentiality, the pound character (#) appears when fewer than five students in a group were tested. If fewer than five were tested in one subgroup, then counts appear only in the "All Students" category.

# Elementary Level Science



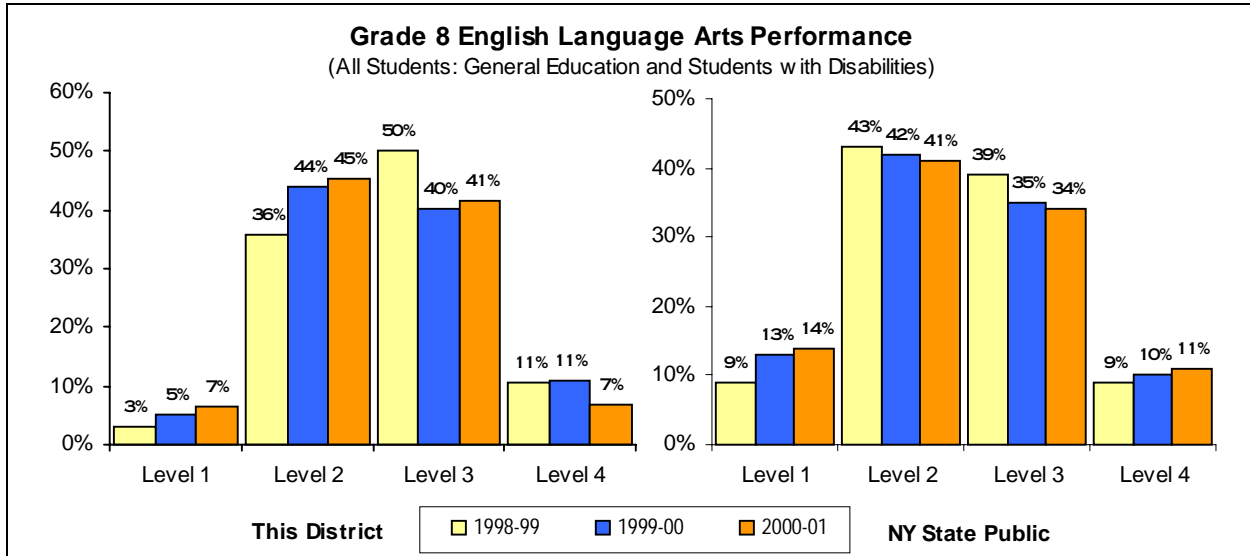
Performance at This District	Counts of Students						School Mean Scores		
	Not Tested			Multiple-Choice Test Component		Performance Component	Mult.-Choice	Performance	
	AA <sup>1</sup>	ELL <sup>2</sup>	Absent <sup>3</sup>	Tested	Above SDL	Tested			
May 2000	General Education		1	2	1,101	1,019	1,085	37	38
	Students with Disabilities	25	0	1	181	126	174	33	38
	<b>All Students</b>	<b>25</b>	<b>1</b>	<b>3</b>	<b>1,282</b>	<b>1,145</b>	<b>1,259</b>	<b>37</b>	<b>38</b>
May 2001	General Education		2	1	1,068	999	1,049	38	39
	Students with Disabilities	34	0	0	154	127	150	34	39
	<b>All Students</b>	<b>34</b>	<b>2</b>	<b>1</b>	<b>1,222</b>	<b>1,126</b>	<b>1,199</b>	<b>37</b>	<b>39</b>

### Grade 4 Science - Knowledge, Reasoning, and Problem-Solving Standards

<b>Multiple-Choice Test Component</b>	This component is 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). Of the 45 questions, 17 reference Physical Setting; 17 reference Living Environment; 8 reference Scientific Inquiry; and 3 reference Mathematics.
<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 (AIS) in the following term of instruction.
<b>Performance Component</b>	This component involves performance of hands-on tasks at 5 stations. The stations are named <i>Liquids</i> , <i>Grouping Objects</i> , <i>Ball and Ramp Game</i> , <i>Magnetic and Electrical Testing</i> , and <i>Unknown Object</i> . All tested students work at the <i>Ball and Ramp Game</i> . Approximately half the students work on <i>Liquids</i> and <i>Grouping Objects</i> and the other half work on <i>Magnetic and Electrical Testing</i> and <i>Unknown Object</i> . Schools use a statistically randomized procedure to assign students to these stations.
<b>School Mean Scores</b>	For the multiple-choice test component, this is the average number of correct answers for students tested. If all tested students answered all questions correctly, this score would be 45. For the performance component, the mean scores for the stations are added together to arrive at the school mean score. If all tested students received perfect scores, this score would be 49.

- 1 For 2001, these students were eligible for the Alternate Assessment (AA). For 2000 and 1999, these students were exempt from this test because of disability as stated in their Individualized Educational Program.
  - 2 These students were not required to take this test because they were English language learners (ELL) who perform below the 30<sup>th</sup> percentile on an appropriate English reading assessment and there was no test form available in their native language. Other ELL students must take this test, but may take an alternative language form if such is available.
  - 3 These students were enrolled at the time of testing but did not complete any part of this science assessment.
- # To protect student confidentiality, the pound character (#) appears when fewer than five students in a group were tested. If fewer than five were tested in one subgroup, then counts appear only in the "All Students" category.

## Middle Level English Language Arts



Performance at This District		Counts of Students							Mean Score	
		Not Tested			Tested					
		AA <sup>1</sup>	ELL <sup>2</sup>	Absent	Level 1	Level 2	Level 3	Level 4		Total
June 1999	General Education		4	27	3	281	514	112	910	713
	Students with Disabilities	8	0	19	30	93	10	0	133	674
	<b>All Students</b>	<b>8</b>	<b>4</b>	<b>46</b>	<b>33</b>	<b>374</b>	<b>524</b>	<b>112</b>	<b>1,043</b>	<b>708</b>
May 2000	General Education		4	8	9	384	424	115	932	709
	Students with Disabilities	26	0	0	46	82	3	0	131	668
	<b>All Students</b>	<b>26</b>	<b>4</b>	<b>8</b>	<b>55</b>	<b>466</b>	<b>427</b>	<b>115</b>	<b>1,063</b>	<b>704</b>
May 2001	General Education		5	17	32	422	445	73	972	704
	Students with Disabilities	24	0	6	39	69	5	0	113	668
	<b>All Students</b>	<b>24</b>	<b>5</b>	<b>23</b>	<b>71</b>	<b>491</b>	<b>450</b>	<b>73</b>	<b>1,085</b>	<b>701</b>

### Grade 8 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. All students scoring from <b>739 to 830</b> are in this level.
<b>Level 3</b>	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination. All students scoring from <b>701 to 738</b> are in this level.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards and pass the Regents examination. All students scoring from <b>662 to 700</b> are in this level.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> . All students scoring from <b>527 to 661</b> are in this level.

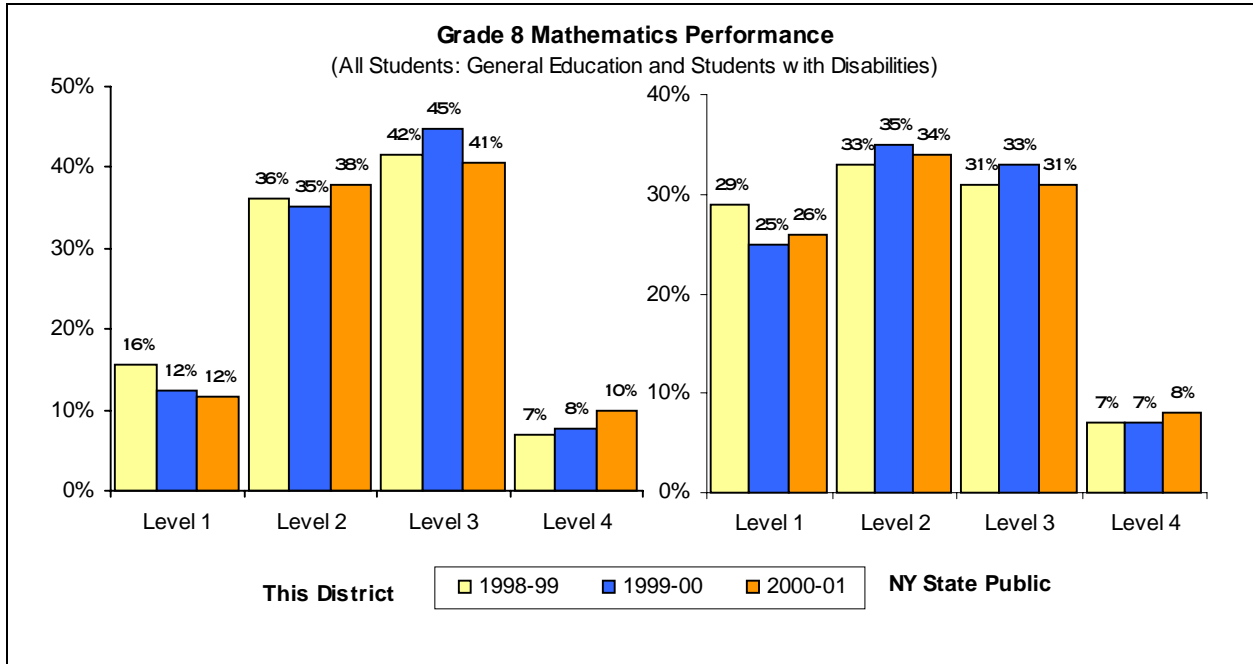
### Performance of English Language Learners (ELL)

ELL are students for whom English is a second language. Schools teach these students English so they can participate effectively in the academic program. ELL students without sufficient proficiency in English are not required to take the grade 8 ELA test. Their progress in learning English is measured, using standardized tests, and reported.

Grade 8	English Proficiency Below Effective Participation Level	Making Appropriate Progress
June 2001	5	3

- For 2001, these students were eligible for the Alternate Assessment (AA). For 2000 and 1999, these students were exempt from this test because of disability as stated in their Individualized Educational Program.
  - These students were not required to take the grade 8 ELA test because they were English Language Learners (ELL) who performed below the 30<sup>th</sup> percentile on another appropriate English reading assessment.
  - These students were enrolled at the time of testing but were not present to complete some part of the ELA assessment.
- # To protect student confidentiality, the pound character (#) appears when fewer than five students in a group were tested. If fewer than five were tested in one subgroup, then counts appear only in the "All Students" category.

## Middle Level Mathematics



Performance at This District	Counts of Students								Mean Score	
	Not Tested			Tested						
	AA <sup>1</sup>	ELL <sup>2</sup>	Absent <sup>3</sup>	Level 1	Level 2	Level 3	Level 4	Total		
June 1999	General Education		0	43	80	326	419	70	895	719
	Students with Disabilities	16	0	20	78	41	5	0	124	668
	<b>All Students</b>	<b>16</b>	<b>0</b>	<b>63</b>	<b>158</b>	<b>367</b>	<b>424</b>	<b>70</b>	<b>1,019</b>	<b>713</b>
May 2000	General Education		1	11	58	331	465	81	935	722
	Students with Disabilities	26	0	1	73	45	13	0	131	672
	<b>All Students</b>	<b>26</b>	<b>1</b>	<b>12</b>	<b>131</b>	<b>376</b>	<b>478</b>	<b>81</b>	<b>1,066</b>	<b>716</b>
May 2001	General Education		2	15	74	366	429	107	976	721
	Students with Disabilities	24	0	5	52	47	12	0	111	680
	<b>All Students</b>	<b>24</b>	<b>2</b>	<b>20</b>	<b>126</b>	<b>413</b>	<b>441</b>	<b>107</b>	<b>1,087</b>	<b>717</b>

### Grade 8 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. All students scoring from <b>760 to 882</b> are in this level.
<b>Level 3</b>	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination. All students scoring from <b>716 to 759</b> are in this level.
<b>Level 2</b>	These students <b>need extra help</b> to meet the standards and pass the Regents examination. All students scoring from <b>681 to 715</b> are in this level.
<b>Level 1</b>	These students have <b>serious academic deficiencies</b> . All students scoring from <b>517 to 680</b> are in this level.

\* Similar Schools are schools grouped by district and student demographic characteristics. More information is on the **School Profile** page of this report. Further explanation is available at <http://www.emsc.nysed.gov/reprcrd2002/similar.html>

1 For 2001, these students were eligible for the Alternate Assessment (AA). For 2000 and 1999, these students were exempt from this test because of disability as stated in their Individualized Educational Program.

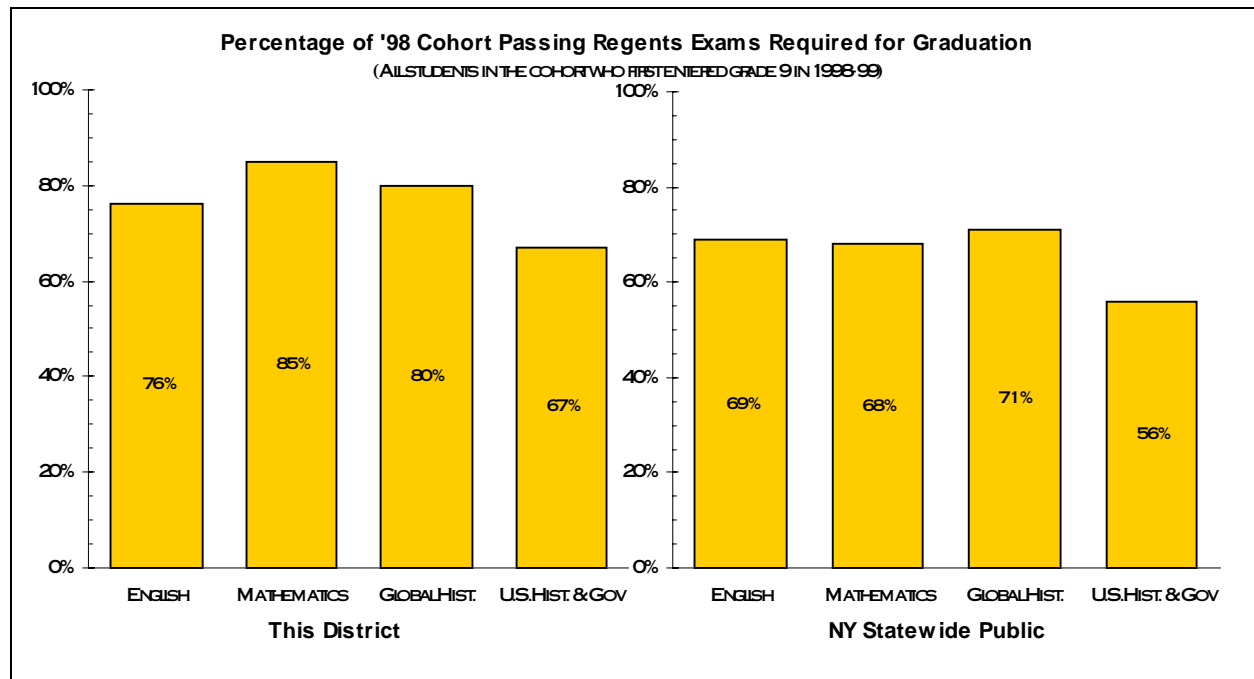
2 These students are not required to take this test because they are English language learners (ELL) who perform below the 30<sup>th</sup> percentile on an appropriate English reading assessment and there is no test form available in their native language. Other ELL students must take this test, but may take an alternative language form if such is available.

3 These students were enrolled at the time of testing but were not present to complete some part of the mathematics assessment.

# To protect student confidentiality, the pound character (#) appears when fewer than five students in a group were tested. If fewer than five were tested in one subgroup, then counts appear only in the "All Students" category.

## High School Achievement - After Three Years of Instruction

This section presents the success of students on Regents examinations required for graduation. Passing is defined as scoring 65 or higher, or earning approved alternative credit. Students who earn credit through component retesting are counted as if they scored in range 55 to 64 or in range 65 to 84 as determined by the results of the component retest. This page presents information about students who first entered grade 9 in 1998-99, displaying results for these students after three years. Safety-net provisions of the graduation requirements allow some students to earn credit for graduation by alternative means. The percentage of students meeting their personal graduation requirements after four years is presented elsewhere in this report as a school accountability measure.



Requirement	Student Category	Students in Cohort <sup>1</sup>	Highest Score <sup>2</sup> From 55 To 64	Highest Score <sup>2</sup> From 65 To 84	Highest Score <sup>2</sup> From 85 To 100	Approved Alternative Credit
<b>English</b> (after 3 years)	General Education	882	82	517	216	0
	Students w/ Disabilities	105	32	17	2	0
	<b>All Students</b>	<b>987</b>	<b>114</b>	<b>534</b>	<b>218</b>	<b>0</b>
<b>Mathematics</b> (after 3 years)	General Education	882	37	321	472	0
	Students w/ Disabilities	105	7	38	10	0
	<b>All Students</b>	<b>987</b>	<b>44</b>	<b>359</b>	<b>482</b>	<b>0</b>
<b>Global History</b> (after 3 years)	General Education	882	76	468	278	0
	Students w/ Disabilities	105	16	45	3	0
	<b>All Students</b>	<b>987</b>	<b>92</b>	<b>513</b>	<b>281</b>	<b>0</b>
<b>U.S. Hist. &amp; Gov.</b> (after 3 years)	General Education	882	82	358	280	0
	Students w/ Disabilities	105	13	19	2	0
	<b>All Students</b>	<b>987</b>	<b>95</b>	<b>377</b>	<b>282</b>	<b>0</b>

<sup>1</sup> Cohort is defined in Section 100.2 (p) (8) (iii) of Commissioner's Regulations.

<sup>2</sup> Only the highest score of each student is counted, regardless of how many times the student may have taken the examination.

# To protect student confidentiality, the pound character (#) appears when there are fewer than five students in a group. If fewer than five special-education students were reported, then counts appear only in the "All Students" category.



## School District Profile

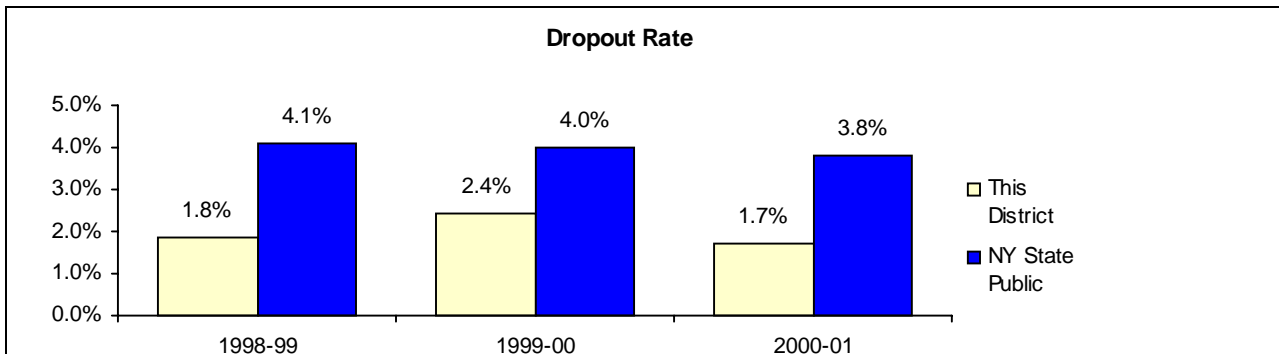
Superintendent: Mr. James A. Ruck		Phone: (631)471-1336		
<b>Organization 2000-01</b>		School District Staff <sup>1</sup> (both full- and part-time)		
Grade Range	Student Enrollment	Count of Teachers	Count of Other Professionals	Count of Paraprofessionals
K-12	14,948	1138	134	221

<b>1999-00 School District Total Expenditure per Pupil</b>	\$12,704
<b>1999-00 NY State Public Schools Total Expenditure per Pupil</b>	\$11,040

Student Enrollment			
Grade Level	October 2000	Grade Level	October 2000
Pre-Kindergarten	0	Grade 7	1,169
Kindergarten	997	Grade 8	1,085
Grade 1	1,152	Grade 9	1,036
Grade 2	1,125	Grade 10	1,053
Grade 3	1,081	Grade 11	957
Grade 4	1,180	Grade 12	881
Grade 5	1,234	Ungraded Elementary with Disabilities	453
Grade 6	1,204	Ungraded Secondary with Disabilities	341

Student Demographics	1998-99		1999-2000		2000-01	
	Count	Percent	Count	Percent	Count	Percent
English Language Learners	176	1.2%	162	1.1%	176	1.2%
Eligible For Free Lunch	998	7.4%	927	6.8%	860	6.2%

<b>Need to Resource Capacity (N/RC) Group</b>	The State Education Department assigns each school district to a comparison group based on student demographics and the resource capacity of the district. This district is in N/RC Group 5. This district has average needs relative to local resource capacity.
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A dropout is any student who left school prior to graduation for any reason except death and did not enter another school or approved high school equivalency preparation program. The dropout rate is calculated by dividing the total number of students who dropped out in a given year by the total fall enrollment in grades 9-12, including that portion of the ungraded secondary student enrollment that can be attributed to grades 9-12.

<sup>1</sup> Some district-employed staff serve in more than one school. These shared people are included in counts reported here.