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

# OVERVIEW OF SCHOOL PERFORMANCE IN ENGLISH LANGUAGE ARTS, MATHEMATICS, AND SCIENCE

# AND

# ANALYSIS OF STUDENT SUBGROUP PERFORMANCE

# for

# Candlewood Middle School

# in

# Half Hollow Hills Central School District

## March 2003

## THE UNIVERSITY OF THE STATE OF NEW YORK

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The *New York State School 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 school and district performance. Knowledge gained from the school report card on a school's strengths and weaknesses can be used to improve instruction and services to students.

The *New York State School Report Card* consists of three parts: the *Overview of School Performance in English Language Arts, Mathematics, and Science and Analysis of Student Subgroup Performance,* the *Comprehensive Information Report,* and the *School 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 *School Accountability Report* provides information as to whether a school 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 school, including general-education students and students with disabilities. In the *Overview*, each school's performance is compared with that of schools similar in grade level, district resources, and student needs as indicated by income and limited English proficiency (LEP) status. 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 school report card may be found in the glossary on the last page. Further information on the school report card may be found in the guide, *Understanding Your School Report Card 2003*, available at your school or on the Information and Reporting Services Web site at www.emsc.nysed.gov/irts.

# Overview of School Performance in English Language Arts, Mathematics, and Science

## School Profile

| Principal: Andrew Greene | | | Phone: (631)592-3300 |
|---|---|---|---|
| **Organization 2001–02** | | School Staff[1] (both full- and part-time) | |
| Grade Range | Student Enrollment | Count of Teachers | Count of Other Professionals |
| 6-8 | 960 | 77 | 9 |

| **2000–01 School District-wide Total Expenditure per Pupil** | $13,393 |
|---|---|

| **Student Demographics Used To Determine Similar Schools Group** | 1999–2000 | | 2000–2001 | | 2001–2002 | |
|---|---|---|---|---|---|---|
| | Count | Percent | Count | Percent | Count | Percent |
| Limited English Proficient | 8 | 0.9% | 5 | 0.5% | 9 | 0.9% |
| Eligible for Free Lunch | 46 | 5.1% | 48 | 5.2% | 58 | 6.0% |

| **Similar Schools Group** | This school is in Similar Schools Group 36. All schools in this group are middle level schools in school districts with low student needs in relation to district resource capacity. The schools in this group are in the higher range of student needs for middle level schools in these districts. |
|---|---|

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

| Number of Core Classes | Percent Taught by Highly Qualified Teachers |
|---|---|
| 210 | 100% |

*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*

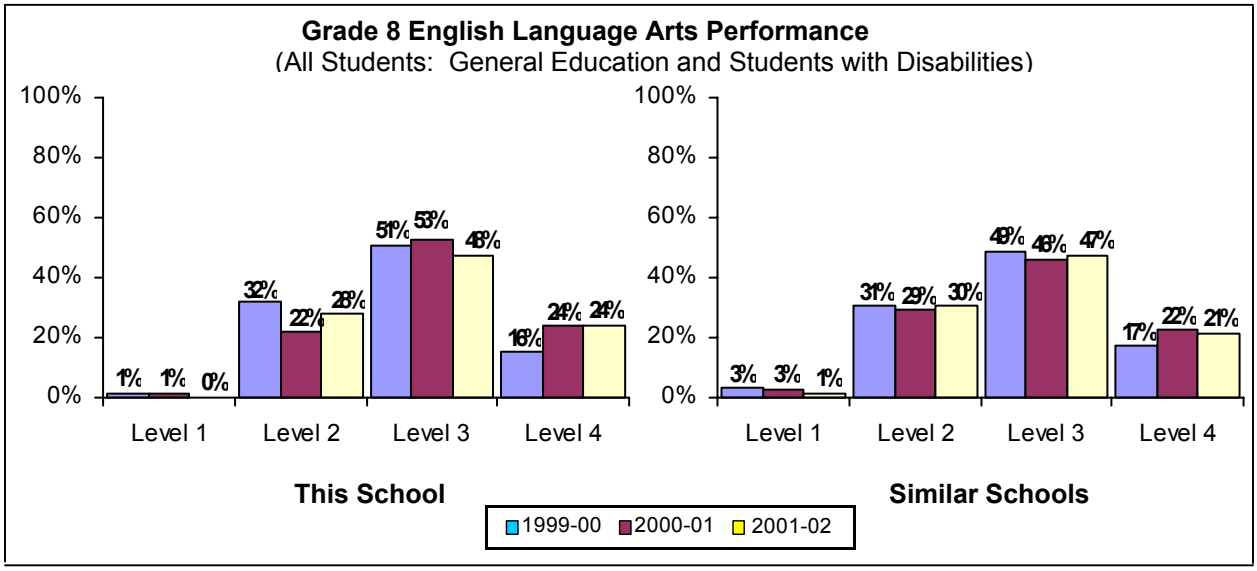
| Number of Teachers | Percent No Valid Teaching Certificate |
|---|---|
| 77 | 0% |

*This count includes teachers with temporary licenses who do not have a valid permanent or provisional teaching certificate.

[1] District-employed staff who serve in more than one school are not included in these counts.

# Middle Level

English Language Arts




| Performance at This School | 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 | 4 | 88 | 140 | 43 | 275 | 714 |
| May 2001 | 4 | 64 | 154 | 71 | 293 | 721 |
| | Level 1 527–659 | Level 2 660–698 | Level 3 699–737 | Level 4 738–830 | Total | |
| March 2002 | 1 | 87 | 149 | 76 | 313 | 716 |

| Middle-Level English Language Arts Levels — Listening, Reading, and Writing Standards | |
|---|---|
| **Level 4** | These students **exceed the standards** and are moving toward high performance on the Regents examination. |
| **Level 3** | These students **meet the standards** and, with continued steady growth, should pass the Regents examination. |
| **Level 2** | These students **need extra help** to meet the standards and pass the Regents examination. |
| **Level 1** | These students have **serious academic deficiencies**. |

## Performance of Limited English Proficient (LEP) Students

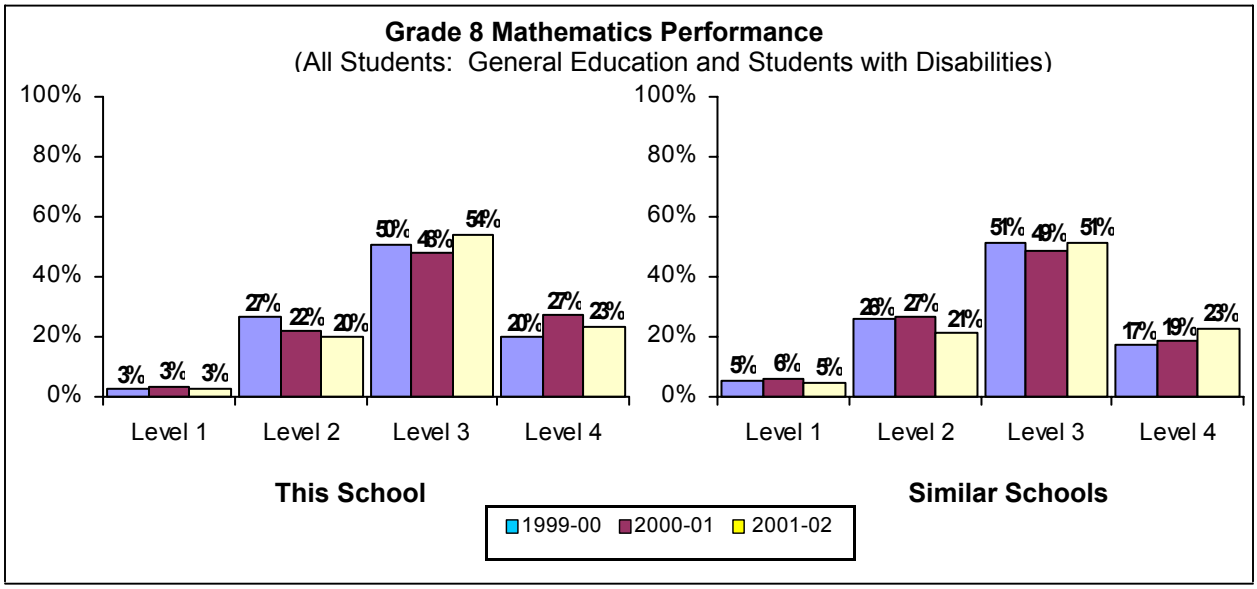
| Grade 8 | English Proficiency Below Effective Participation Level | Making Appropriate Progress |
|---|---|---|
| 2002 | # | # |

## 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** | 6 | 0 | 1 | 5 | 0 |

# Middle Level

## Mathematics




| Performance at This School | 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** | **8** | **74** | **139** | **55** | **276** | **733** |
| **May 2001** | **9** | **64** | **139** | **79** | **291** | **740** |
| **May 2002** | **9** | **63** | **171** | **74** | **317** | **738** |

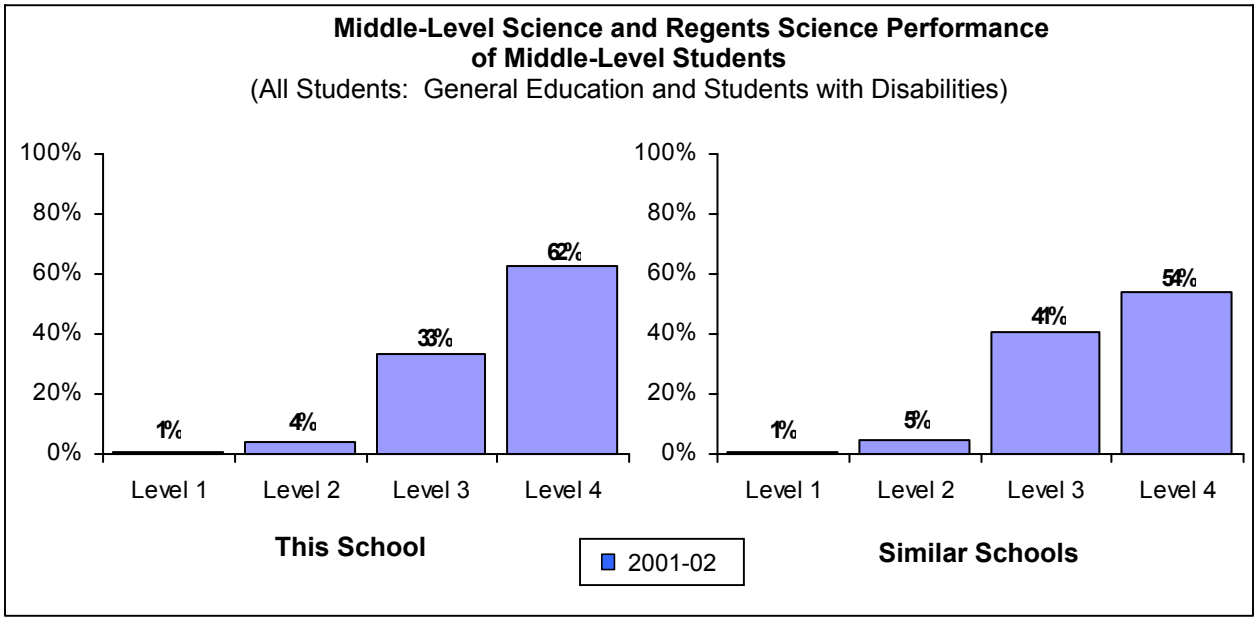
| **Middle-Level Mathematics Levels — Knowledge, Reasoning, and Problem-Solving Standards** | |
|---|---|
| **Level 4** | These students **exceed the standards** and are moving toward high performance on the Regents examination. |
| **Level 3** | These students **meet the standards** and, with continued steady growth, should pass the Regents examination. |
| **Level 2** | These students **need extra help** to meet the standards and pass the Regents examination. |
| **Level 1** | These students have **serious academic deficiencies**. |

## 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 |
|---|---|---|---|---|---|
| **2001–02** | 6 | 0 | 2 | 4 | 0 |

# Middle Level

Science




| Performance at This School | | Counts of Students Tested | | | | | Mean Score |
|---|---|---|---|---|---|---|---|
| | | Level 1 | Level 2 | Level 3 | Level 4 | Total | |
| June 2002 | Middle-Level Science | 2 | 12 | 100 | 81 | 195 | 80 |
| | Regents Science | 0 | 0 | 5 | 116 | 121 | 92 |

| Middle-Level Science Levels — Knowledge, Reasoning, and Problem-Solving Standards* | |
|---|---|
| **Level 4** | These students **exceed the standards** on the middle-level science test and are moving toward high performance on the Regents examinations ***or*** score 85–100 on a Regents science examination. |
| **Level 3** | These students **meet the standards** on the middle-level science test and, with continued steady growth, should pass the Regents examinations ***or*** score 65–84 on a Regents science examination. |
| **Level 2** | These students **need extra help** to meet the standards for middle-level science and to pass the Regents examinations ***or*** score 55–64 on a Regents science examination. |
| **Level 1** | These students have **serious academic deficiencies** as evidenced in the middle-level science test ***or*** 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.

# 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 school 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 school 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 school 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.

# 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 |
| **Results by Race/Ethnicity** | | | | | | | | |
| American Indian/Alaskan Native | 0 | 0% | 0% | 0% | 0 | 0% | 0% | 0% |
| Black | 20 | 95% | 60% | 10% | 30 | 100% | 50% | 10% |
| Hispanic | 12 | 92% | 58% | 8% | 9 | 100% | 22% | 0% |
| Asian or Pacific Islander | 36 | 100% | 92% | 31% | 24 | 100% | 79% | 21% |
| White | 225 | 99% | 77% | 25% | 250 | 100% | 76% | 27% |
| Total | 293 | 99% | 77% | 24% | 313 | 100% | 72% | 24% |
| Small Group Totals **(s)** | 0 | 0% | 0% | 0% | 0 | 0% | 0% | 0% |
| **Results by Disability Status** | | | | | | | | |
| General-education students | 261 | 99% | 83% | 27% | 270 | 100% | 80% | 28% |
| Students with disabilities | 32 | 97% | 25% | 0% | 43 | 98% | 23% | 0% |
| Total | 293 | 99% | 77% | 24% | 313 | 100% | 72% | 24% |
| **Results by Gender** | | | | | | | | |
| Female | 134 | 99% | 77% | 27% | 159 | 100% | 72% | 23% |
| Male | 159 | 99% | 77% | 22% | 154 | 99% | 71% | 25% |
| Total | 293 | 99% | 77% | 24% | 313 | 100% | 72% | 24% |
| **Results by English Proficiency Status** | | | | | | | | |
| English proficient | 293 | 99% | 77% | 24% | 312 | s | s | s |
| Limited English proficient | 0 | 0% | 0% | 0% | 1 | s | s | s |
| Total | 293 | 99% | 77% | 24% | 313 | 100% | 72% | 24% |
| **Results by Income Level** | | | | | | | | |
| Economically disadvantaged | 18 | 94% | 56% | 0% | 15 | 100% | 40% | 0% |
| Not disadvantaged | 275 | 99% | 78% | 26% | 298 | 100% | 73% | 26% |
| Total | 293 | 99% | 77% | 24% | 313 | 100% | 72% | 24% |
| **Results by Migrant Status** | | | | | | | | |
| Migrant family | 0 | 0% | 0% | 0% | 0 | 0% | 0% | 0% |
| Not migrant family | 293 | 99% | 77% | 24% | 313 | 100% | 72% | 24% |
| Total | 293 | 99% | 77% | 24% | 313 | 100% | 72% | 24% |

# 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 |
| **Results by Race/Ethnicity** | | | | | | | | |
| American Indian/Alaskan Native | 0 | 0% | 0% | 0% | 0 | 0% | 0% | 0% |
| Black | 19 | 89% | 63% | 16% | 32 | 88% | 47% | 13% |
| Hispanic | 13 | 85% | 38% | 8% | 10 | 90% | 60% | 10% |
| Asian or Pacific Islander | 36 | 100% | 89% | 39% | 25 | 100% | 96% | 20% |
| White | 223 | 98% | 76% | 27% | 250 | 98% | 80% | 26% |
| Total | 291 | 97% | 75% | 27% | 317 | 97% | 77% | 23% |
| Small Group Totals **(s)** | 0 | 0% | 0% | 0% | 0 | 0% | 0% | 0% |
| **Results by Disability Status** | | | | | | | | |
| General-education students | 259 | 99% | 80% | 31% | 273 | 99% | 82% | 27% |
| Students with disabilities | 32 | 78% | 34% | 0% | 44 | 89% | 45% | 2% |
| Total | 291 | 97% | 75% | 27% | 317 | 97% | 77% | 23% |
| **Results by Gender** | | | | | | | | |
| Female | 133 | 97% | 68% | 22% | 161 | 98% | 76% | 20% |
| Male | 158 | 97% | 80% | 32% | 156 | 96% | 79% | 27% |
| Total | 291 | 97% | 75% | 27% | 317 | 97% | 77% | 23% |
| **Results by English Proficiency Status** | | | | | | | | |
| English proficient | 290 | s | s | s | 316 | s | s | s |
| Limited English proficient | 1 | s | s | s | 1 | s | s | s |
| Total | 291 | 97% | 75% | 27% | 317 | 97% | 77% | 23% |
| **Results by Income Level** | | | | | | | | |
| Economically disadvantaged | 18 | 94% | 50% | 11% | 18 | 89% | 39% | 11% |
| Not disadvantaged | 273 | 97% | 77% | 28% | 299 | 98% | 80% | 24% |
| Total | 291 | 97% | 75% | 27% | 317 | 97% | 77% | 23% |
| **Results by Migrant Status** | | | | | | | | |
| Migrant family | 0 | 0% | 0% | 0% | 0 | 0% | 0% | 0% |
| Not migrant family | 291 | 97% | 75% | 27% | 317 | 97% | 77% | 23% |
| Total | 291 | 97% | 75% | 27% | 317 | 97% | 77% | 23% |

# Middle Level

## Science

| Student Subgroup | 2001–02 | | | |
|---|---|---|---|---|
| | Tested | Percentages of Tested Students Scoring at Levels | | |
| | | 2–4 | 3–4 | 4 |
| **Results by Race/Ethnicity** | | | | |
| American Indian/Alaskan Native | 0 | 0% | 0% | 0% |
| Black | 26 | 100% | 92% | 19% |
| Hispanic | 9 | 100% | 56% | 56% |
| Asian or Pacific Islander | 13 | 100% | 100% | 54% |
| White | 147 | 99% | 95% | 44% |
| Total | 195 | 99% | 93% | 42% |
| Small Group Totals **(s)** | 0 | 0% | 0% | 0% |
| **Results by Disability Status** | | | | |
| General-education students | 152 | 99% | 97% | 49% |
| Students with disabilities | 43 | 98% | 79% | 16% |
| Total | 195 | 99% | 93% | 42% |
| **Results by Gender** | | | | |
| Female | 93 | 100% | 91% | 40% |
| Male | 102 | 98% | 94% | 43% |
| Total | 195 | 99% | 93% | 42% |
| **Results by English Proficiency Status** | | | | |
| English proficient | 194 | s | s | s |
| Limited English proficient | 1 | s | s | s |
| Total | 195 | 99% | 93% | 42% |
| **Results by Income Level** | | | | |
| Economically disadvantaged | 18 | 100% | 89% | 17% |
| Not disadvantaged | 177 | 99% | 93% | 44% |
| Total | 195 | 99% | 93% | 42% |
| **Results by Migrant Status** | | | | |
| Migrant family | 0 | 0% | 0% | 0% |
| Not migrant family | 195 | 99% | 93% | 42% |
| Total | 195 | 99% | 93% | 42% |

# 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$^{th}$ 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).

**Similar Schools:** Similar schools are schools that are grouped by common district and student demographic characteristics, including grade range of students served by the school, school district financial resources, and needs of the school student population. More information about similar school groups may be found on the Web at http://www.emsc.nysed.gov/repcrd2002/similar.html.

**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.