ED 289 920	TM 870 766
TITLE	Connecticut Basic Skills Proficiency Test, 1986-87. Mathematics, Basic Writing Skills in the Language Arts, Reading. Summary and Interpretations.
INSTITUTION	Connecticut State Board of Education, Hartford.
PUB DATE	87
NOTE	50p.; Several tables and figures contain small print.
PUB TYPE	Reports - General (140)
EDRS PRICE	MF01/PC02 Plus Postage.
DESCRIPTORS	*Achievement Tests; Grade 9; High Schools; Language
	Tests: Mathematics Tests: Minimum Competencies:
	*Minimum Competency Testing; Reading Tests; Scores;
	*State Programs; Test Construction; *Testing
	Programs; *Test Results; Trend Analysis; Writing
	Evaluation
IDENTIFIERS	Connecticut; *Connecticut Basic Skills Proficiency Test

ABSTRACT

This booklet interprets and summarizes the results of the Connecticut Statewide Basic Skills Proficiency Test as administered to ninth graders in October, 1986. The test measures basic skills in reading and mathematics, and basic writing skills in the language arts. The test is used to identify students who require further temediation in order to participate successfully in ninth-grade classes. The 1986 results showed that 90 percent of the students met or exceeded the Statewide Level of Expected Performance (SLOEP) in reading, writing, language arts, and mathematics for the third consecutive year. Although the percent of urban students at or above the SLOEP increased in all areas, large cities continued to have the highest percent of students in need of remedial assistance (40.1%). In addition, this publication includes sections covering the following: (1) Designing the Mathematics, Basic Writing Skills, Language Arts and Reading Tests; (2) Test Development Procedures including Pilot Testing and setting the SLOEP; (3) Test Administration and Scoring; and (4) The October 1986 Proficiency Test Results by type of community, school district, state and individual students. Tables are included comparing the statewide results of each of the 1986 tests with the previous six years' scores. Five writing samples are included to illustrate holistic scoring standards. (KSA)



State of Connecticut

William A. O'Neill, Governor

ì

Board of Education

Abraham Glassman, Chairman James J. Szerejko. Vice Chairman A. Walter Esdaile Warren J. Foley Dorothy C. Goodwin Rita L. Hendel John F. Mannix Julia S. Rankin Humberto Solano

Norma Foreman Glasgow (ex officio) Commissioner of Higher Education

Gerald N. Tirozzi Commissioner of Education

Frank A. Altieri Deputy Commissioner Finance and Operations

Lorraine ⁴ Aronson Deputy Co. ^{*}ssioner Program and Supr. ⁻⁻ Services



CONNECTICUT BASIC SKILLS PROFICIENCY TEST 1986-87

Summary and Interpretations

- MATHEMATICS
- BASIC WRITING SKILLS IN THE LANGUAGE ARTS
- READING



For the third consecutive year, the results of the Connecticut Basic Skills Proficiency Test indicate that 90 percent of Connecticut's students met or exceeded the statewide level of expected performance in reading, writing, language arts and mathematics. While the statewide scores this year are consistent with the 1985 results, improvement during the five-year history of the Education Evaluation and Remedial Assistance Act has been considerable. I think we can all take pride in the achievements of Connecticut students.

As you know, we have implemented a new test system, the Connecticut Mastery Test. The proficiency test was administered for the last time in the fall 1986. The first mastery test was administered in the fall of 1985 to fourth graders. Mastery testing of sixth and eighth graders took place for the first time in the fall of 1986. These mastery tests represent the next stage in the work begun by the implementation of the proficiency test.

Connecticut's experience with the ninth-grade proficiency test demonstrates the commitment of local school districts to higher achievement in the basic skills. We at the Department of Education are looking forward to your continued cooperation and assistance as we attempt, together, to assess more accurately the performance of Connecticut's students statewide.

Gerald N. Tirozzi^{VV} Commissioner of Education



EERA ADVISORY COMMITTEE

Nora Anthony, Connecticut League of Women Voters Sophie Jaffe Banasiak, Connecticut State Labor Council **Robbins Barstow,** Connecticut Education Association June D. Carroll, Connecticut State Federation of Teachers David G. Carter, Associate Vice President of Academic Affairs, University of Connecticut Julie Carter, Connecticut Association of Pupil Personnel Administrators Jorge Dominguez, Connecticut Association of School Psychologists **Delbert G. Eberhardt,** Coordinator, Research and Evaluation, Greenwich Victor H. Ferry, Elementary School Principals' Association of Connecticut Vincent J. Glennon, Professor of Education (Mathematics), University of Connecticut June K. Goodman, Former Chairwoman, Connecticut State Board of Education Lubbie Harper, Jr., Urban Education Representative Hilda L. Jay, Connecticut Educational Media Association **Harry Levitin**, Association of Teachers of Mathematics **Geil Orcutt**, State Representative Rossalie Pinkham, Professor of Language Arts, Southern Connecticut State University Nelson P. Quinby, Connecticut Association for Supervision and Curriculum Development Mary Russo, Connecticut Association for Reading Research Mae Schmidle, Kathleen Slanski, Parent-Teacher Association Ruth Schwartz, Connecticut Council of Teachers of English Char.lotte J. Sharp, Association of Reading Councils of Connecticut John F. Shine, Connecticut Association of Secondary Schools, Inc. Betty J. Sternberg, Connecticut State Department of Education Carlos Toro, Title I Parent Advisory Council Richard D. Veltri, Connecticut Association of Boards of Education Anne Wingate, Connecticut Business and Industry Association

MATHEMATICS COMMITTEE

Harry Levitin, Chairperson Tom Andreoli, East Hartford Public Schools Constance Beaudry, West Hartford Public Schools Nancy Cetorelli, Stratford Public Schools Edward Crotean, New London Public Schools Tom Day, Farmington Public Schools Russ Dobelstein, Ellington Public Schools Leroy Dupee, Bridgeport Public Schools Roger Fiondella, Guilford Public Schools Gloria Francesconi, Trumbull Public Schools Robert Gregorski, Regional School District 15 Sally Hammond, Midulefield Public Schools Sara Harrigan, Wethersfield Public Schools Don Hastings, Monroe Public Schools Phillip Hyde, Manchester Public Schools Ben Kupcho, Regional School District 13 Earlene Patrick, Hartford Public Schools Virginia Planinshek, Eli Whitney Reg. Voc. Tech. School, Hamden Richard Veltri, Connecticut Association of Boards of Education, Hartford Maureen Walsh, Berlin Public Schools Steven Leinwand, Connecticut State Department of Education Liaison

LANGUAGE ARTS COMMITTEE

Joan Kerelejza, Chairperson, West Hartford Public Schools Marion D. Brauley, North Branford Public Schools Jerry Brooker, Westport Public Schools Evelyn Burack, Westport Public Schools Martin C. Bush, Hartford Public Schools Wendell Davis, Sr., Killingly Public Schools Laura Ferrante-Fernandes, New Haven Public Schools Robert Fitzgerald, Madison Public Schools Edgar Flynn, H.C. Wilcox Reg. Voc. Tech. School, Meriden Marguerite Fuller, Bridgeport Public Schools Louis Haddad, Windham Memorial Hospital Elizabeth Hahn, Southern Connecticut State University, New Haven Gilbert Hunt, Manchester Public Schools Sandra J. Klinkoeki, Meriden Public Schools Virginia Lity, Bridgeport Public Schools Charles B. Phelps, Danbury Public Schools Rossalie Pinkham, Southern Connecticut State University, New Haven Ruth Schwartz, New Haven Public Schools Diase Shagert, Central Connecticut State University, New Britain Geraldine Smith, Canton Public Schools John Sutton, Darien Public Schools Anne Wingate, Connecticut Business and Industry Association, Hartford Carol Wright, Hartford Public Schools Robert Kinder, Connecticut State Department of Education Liaison

ACKNOWLEDGEMENTS

READING COMMITTEE

Beatrice Wood, Chai:person, Hartford Public Schools (Retired) Betty Chu, Waterford Public Schools Adela Concepcion, Hartford Public Schools John Delgreco, Regional School District 1 Mary Fisher, Thompson Public Schools James W. Foley, Waterbury Public Schools Hilda Jay, Ridgefield Public Schools Judith Meagher, University of Connecticut, Storrs Carol Parmelee, Middletown Public Schools Frank M. Perry, Newtown Public Schools Mary Russo, E. O. Smith High School, Storrs Charlotte Sharp, Farmington Public Schools Kathleen Slanski, Parent-Teacher Association (Trumbull) David Wolansky, Bloomfield Public Schools Robert Kinder, Connecticut State Department of Education Liaison

BIAS COMMITTEE

Aida Comulada, Chairperson, New Haven Public Schools Constance Beaudry, West Hartford Public Schools Clotean Brayfield, C.R.E.C., Plainville Lillian Cruz, Commission on Human Rights and Opportunities, Hartford Benjamin Dixon, Bloomfield Public Schools M. Claudina Fabregas, Bridgeport Public Schools Vincent J. Glennon, University of Connecticut, Storrs Barbara Marshall, Danbury Public Schools Ronald S. McMullen, New Haven Public Schools James F. Mitchell, Groton Public Schools Lyn Nevins, Cooperative Educational Services, Norwa'k Rosa Quezada, New Haven Public Schools Nelson Quinby, Regional School District 9 Armando Tourron, Stamford Public Schools David S. Wolansky, Bloomfield Public Schools Carol Ann Wright, Hartford Public Schools Eve Hendricks, Connecticut State Department of Education Liaison

PSYCHOMETRICS COMMITTEE

Delbert G. Eberhardt, Chairperson, Greenwich Public Schools Thomas Andreoli, East Hartford Public Schools Victor Ferry, Waterford Public Schools Robert Gable, University of Connecticut, Storrs Lawren re Giandomenico, Berlin Public Schools Zandra Goldberg-Gratz, Stamford Public Schools William Love, Life Insurance, Marketing and Research Association, Hartford Michael L. Muro, Norwalk Public Schools Frances Murray, Bridgeport Public Schools Raymond Pecheone, Connecticut State Department of Education Peter Prowda, C. nnecticut State Department of Education Liaison



-V-

Contents

I. OVERVIEW	1
Highlights Historian J. Background	1
HISTOFICAL BACKGROUND Purposes	2
Implementation	2
	5
II. DESIGNING THE TESTS	4
Mathematics Test	4
Basic Writing Skills in the	6
Language Arts Test	-
Reading lest	/
III. TEST DEVELOPMENT PROCEDURES	8
Pilot Testing	8
Setting the Statewide Level	9
of Expected Performance (SLOEP)	
IV. TEST ADMINISTRATION AND SCORING	11
Scoring of the Language Arts and Mathematics Tests	11
Scoring of the Writing Sample	11
Scoring of the Reading Test	14
V. OCTOBER 1986 PROFICIENCY TEST RESULTS	15
Statewide Test Results	15
Test Results by Type of Community	21
Test Results by District	24
Participation Rate Results	24
Individual Student Report	24
Figures	
Figure 1 Comparison of Statewide Recults for the EEDA	17
Basic Skills Proficiency Test: October 1980	17
through 1986 Administrations. Mathematics	
Figure 2. Comparison of Statewide Results for the EERA	18
Basic Skills Proficiency Test: October 1980	
through 1986 Administrations, Language Arts	
Figure 3. Comparison of Statewide Results for the EERA	19
Basic Skills Proficiency lest: Uctober 1980 through 2086 Administrations Writing	
Figure 4. Statewide Results for the FFRA Basic	20
Skills Proficiency Test: October 1985	20
through 1986 Administrations, Reading	
Figure 5. Individual Student Report	33



Tables

Table 1 Connecticut Basic Skills Pro Test Results: Oct	ficiency 15 ber 1986
Statewide Summary Report: Grade 9, All	istricts
Table 2 Summary of EERA Basic Skills Pro	ficiency 22
Test Results for Six Types of Com	unities,
Vocational-Technical Sch	ols, and
State: Oct	ber 1986
Table 3 Number of Students Scored: Oct	ber 1986 22
Table 4 Number and Percent of Stude	ts Below 23
SLOEP on One or More Subtests,	by State
and by Type of Community (TOC): Oct	ber 1986
Table 5 EERA Basic Skills Proficiency Test Re	ults for 25
Connecticut School Districts: Oct	ber 1986
Table 6 Participation Rates for Ni Students by	th-Grade 30 District

Appendix

Sample Papers Representing the 34 Scoring Range for the Writing Sample

етан 19

× × • • • • • •

,

I. OVERVIEW

The Connecticut Statewide Basic Skills Proficiency Test was administered for the seventh and final time in October 1986. The test measures basic skills in reading, mathematics, and basic writing skills in the language arts. The purpose of the test is to help identify students who are performing so far below their current grade level that they require further diagnosis and remediation in order to participate successfully in ninth-grade classes. The results of the proficiency test are of particular interest to those who are concerned about the effectiveness of basic skills instruction and Highlights from the 1986 assessment are summarized in this remediation. section. Specific details are provided in Section V (October 1986 Proficiency Test Results) of this report.

<u>Highlights</u>

- The percent of students at or above Statewide Level of Expected Performance (SLOEP) is above 90 in each of the four subtest areas of the statewide proficiency test for the third consecutive year.
- Statewide, the percent of students at or above SLOEP varied no more than three-tenths of a percentage point in mathematics, language arts or reading, compared to last year's scores.
- The 1986 percent of students at or above the SLOEP in each of the four areas tested were substantially higher than the comparable figures for the 1980 administration.
- The percent of urban students (TOC 1) at or above SLOEP in 1986 increased from the previous year in mathematics, language arts and reading. The percents of students at or above SLOEP also improved since 1980 with the largest gain in mathematics (34.2% additional students at or above SLOEP).
- With the exception of large cities (TOC 1) and Vocational Technical Schools, there are relatively small differences in the average scores on the subtests among the remaining TOCs.
- Of the 6,100 students in possible need of remedial assistance, 4,101 (67.2%) fell below SLOEP on only one subtest.
- Large cities (TOC 1) continue to have the highest percent of students who may be in need of remedial assistance (40.1%).

٠.



<u>Historical</u> Background

The Connecticut Statewide Basic Skills Proviciency Test is required by the Education Evaluation and Remedial Assistance Act (Section 10-14n of the Connecticut General Statutes). This examination was administered for the first time in March of the 1979-80 school year and has subsequently been administered each October from the 1980-81 school year through the 1986-87 school year. The law, which became effective July 1, 1978, requires that the State Board of Education administer an annual statewide proficiency examination in basic reading, language arts, and mathematics skills to all ninth-grade students in Connecticut's public schools, vocational-technical schools, and endowed or incorporated high schools and academies. In addition, Public Act 82-387, which was passed in June of 1982, requires that students who score below the Statewide Level of Expected Performance (SLOEP) on any part of the statewide proficiency test must be retested annually in the non-proficient area(s) until they score at or above the statewide standard. In October 1986, retesting of tenth-, eleventh- and twelfth-grade students who scored below the SLOEP on one or more parts of the test took place for the Beginning in the fall of 1987 and annually thereafter, each last time. student for whom retesting is required due to failing one or more parts of the proficiency test will be tested with the corresponding part(s) of the eighth-grade mastery test. Students for whom retesting is required will be retested annually only in the nonproficient area(s) until such students score at or above the statewide standard(s). This report describes the development of the test and summarizes the October 1986 test results for ninth-grade students. Results for tenth-, eleventh- and twelfth-grade students who were retested in one or more areas are reported in a separate addendum.

Purposes

The act concerning Education Evaluation and Remedial Assistance (EERA), which requires, among other things, the Statewide Basic Skills Proficiency Test, has eight basic purposes:

- to formalize a process of identifying those students in need of further diagnosis and possible remedial assistance in basic skills;
- to provide appropriate basic skills remedial assistance for students so identified;
- to maximize the number of students in Connecticut's schools who are proficient in the basic skills;
- to provide information to parents, instructors, students, and the public regarding the status of student proficiency in basic skills;
- to establish procedures at both the state and local level, for the effective use of test results;
- to provide school districts with information for use in assessing the progress of individual students over time;
- to provide the State Department of Education with information for use in assessing the progress of students and school districts over time, and



 to provide information upon which improvements in the general instructional program can be based.

The Basic Skills Test is one important means of achieving the goals of EERA.

<u>Use of the test</u>. In enacting Section 10-14n of the Connecticut General Statutes, the Connecticut General Assembly specified that the proficiency test should be used as a means of screening or identifying students who may be in need of help in acquiring basic skills proficiency. Students who are deficient in these skills must be provided with remediation. The test, however, should not serve as a requirement for promotion or graduation or as a diagnostic instrument. The test is administered as early as possible in high school in order to make the best use of the time available for providing remedial assistance to students who need it.

<u>Implementation</u>

A Statewide Advisory Committee was appointed by the State Board of Education to assist the Department of Education in implementing EERA. Committees were appointed in each of the three content areas (Mathematics, Language Arts, and Reading) to assist in identifying the specific skills upon which the proficiency test would be based and to assist in developing the test. A Test Bias Committee and a Psychometrics Committee were also appointed to assist in the development and review of the test. Committee members included specialists in the basic skills areas, representatives of the education community (elementary school through graduate school), and representatives of the general public. A list of the EERA Advisory Committee and the other committee members is presented at the beginning of this report.

During the 1979-80 school year, three phases of the development of the ninth-grade test were successfully completed:

PHASE I Identifying the Content of the Test PHASE II Developing and Piloting the Test PHASE III Administering, Scoring, and Reporting the Results of the Test (March 1980)

In the 1980-81 school year, the same form of the test (Form A) was administered for a second time and subsequently released to the public. In the 1981-82 and 1982-83 school years, a parallel test form (Form B) was used. The College Board of New York was responsible for developing and scoring the reading portion of the proficiency test (PA-3). Form C was administered during the 1983-84 and 1984-85 school years as well as a new form of the reading test (PB-6) developed by the College Board of New York. In the 1986-87 school year Form D was administered for the second time with Form PB-6 of the reading test. National Computer Systems (NCS) of Iowa City, Iowa administered and scored the test and reported the data in the 1984-85, 1985-86 and 1986-87 school years.



II. DESIGNING THE TESTS

The scope and difficulty of the content included in the proficiency test were selected to represent skills that students should have acquired after eight years of instruction. Lists of the specific skills (or objectives) to be assessed by the test were developed by the EERA Mathematics, Language Arts, and Reading Committees in the spring of 1979. The skills lists, along with examples and sample items, as appropriate, were then reviewed by Connecticut citizens by means of a survey questionnaire and a series of public meetings.

Based on reviews of the survey results and the reactions and recommendations of people attending the public meetings, members of the three content area committees revised the skills lists (objectives). A description of the test and a complete list of the objectives for each content area are included below.

Mathematics Test

The mathematics portion of the proficiency test was composed of 65 test items, all in multiple-choice format. Students were given 70 minutes to complete the test. Listed below are the 37 objectives which were identified for the mathematics portion of the test. The Mathematics Committee selected the objectives as representative, but !.ot exhaustive, of the skills which should be taught prior to taking the Basic Skills Proficiency Test that are included within the broader domains of Computation, Concepts, and Problem Solving.

COMPUTATION

Addition and Subtraction with Whole Numbers and Decimals

- 1. Add whole numbers.
- 2. Subtract whole numbers.
- 3. Add decimal numbers.
- 4. Subtract decimal numbers.

Multiplication and Division with Whole Numbers and Decimals

- 5. Multiply whole numbers.
- 6. Divide whole numbers (without remainders).
- 7. Multiply decimal numbers.
- 8. Divide decimal numbers.

Computation with Fractions

- 9. Add fractions and/or mixed numbers.
- 10. Subtract fractions and/or mixed numbers.
- 11. Multiply fractions and/or mixed numbers.
- 12. Divide fractions and/or mixed numbers.

<u>Percents</u>

- 13. Find a percent of a given whole number.
- 14. Find what percent one whole number is of another whole number.



CONCEPTS

<u>Concepts of Order and Magnitude</u>

- 15. Order unit fractions or decimal numbers.
- 16. Identify the place value of a digit in a given number.
- 17. Select the most appropriate unit of measure for a given task.

<u>Concepts of Mathematical Equivalents</u>

- 18. Convert fractions, decimals, and percents to equivalents.
- 19. Find equivalent linear measures (English, metric).
- 20. Find equivalent measures of weight (mass) and capacity (English, metric).

Concepts of Numeric Representations

- 21. Identify the numeric form of a given whole number written in words.
- 22. Name a ratio given two quantities.
- 23. Identify the fractional equivalent of the shaded portion of a given pictorial representation.

Concepts of Geometric Properties

- 24. Recognize a given pair of lines as parallel, perpendicular, or intersecting.
- 25. Find the perimeter of a common geometric figure (triangle, rectangle, square, circle).
- 26. Find the area of a common geometric figure (triangle, rectangle, square, circle).

PROBLEM SOLVING

Problem-Solving Techniques

- 27. Identify the correct number sentence to solve a problem.
- 28. Solve for the value of a variable in a given formula.
- 29. Approximate a reasonable answer to a given problem.

<u>Problem-Solving Using Tables, Graphs, Charts and Maps</u>

- 30. Read and interpret a table, chart, or graph.
- 31. Read and interpret a map drawn to scale.

Problem-Solving Applications

- 32. Solve a problem involving whole numbers.
- 33. Solve a problem involving fractions.
- 34. Solve a problem involving decimals.
- 35. Solve a problem involving percents.
- 36. Solve a problem involving time.
- 37. Find the average of a set of whole numbers.

Basic Writing Skills in the Language Arts Test

In identifying the content of the language arts portion of the proficiency test, members of the Language Arts Committee acknowledged that the language skills of listening, speaking, reading, and writing are all very important tools in the study of language arts. Given the constraints of testing, however, and given the fact that reading would be assessed separately, the Committee determined that the proficiency test of language skills would concentrate on writing. For that reason, they titled the language arts assessment "Basic Writing Skills in the Language Arts".

The test was designed to assess writing ability as well as related language skills in the broad domains of Mechanics of Written Expression, Composing and Organizing Skills, and Library Skills for Writing Tasks. Accordingly, the test consisted of two parts:

- an exercise requiring each student to write a passage based on personal experience, and
- 36 multiple-choice questions.

Students were given 25 minutes to complete the writing exercise and 45 minutes to answer the 36 multiple-choice questions.

Following is the list of objectives identified for inclusion on the multiple-choice test of basic writing skills in the language arts.

MECHANICS OF WRITTEN EXPRESSION

- 1. Use correct capitalization in a sentence.
- 2. Use correct spelling for basic English vocabulary words.
- 3. Use correct punctuation in a sentence.
- 4. In connected discourse, recognize and correct errors of usage and/or grammar.

COMPOSING AND ORGANIZING SKILLS

- 5. Use language appropriate for the writer's purpose and audience.
- 6. Arrange information and ideas in appropriate sequence.
- 7. Recognize and group related ideas to achieve unity in a passage.
- 8. Identify and use appropriate words and phrases to make transitions in written expression.

LIBRARY SKILLS FOR WRITING TASKS

- 9. Demonstrate dictionary skills.
- 10. Use reference materials to locate information for a given writing task.

- 6 -

Reading Test

The reading portion of the proficiency test is called the "Degrees of Reading Power" (DRP). The test is designed to measure a student's ability to process and understand nonfiction English prose passages written at different levels of difficulty or readability. The test identifies the hardest prose that a student can read with comprehension.

The test measures a student's reading ability on an absolute scale. Just as a person's height and weight can be measured accurately without reference to how tall or heavy any other person is, so can reading ability be measured by determining on the prose difficulty scale the hardest text that can be read with comprehension.

The earlier form (PA-3) of the test consisted of 14 nonfiction prose passages on a variety of topics. Each passage contained about 300 words and asked seven questions. Students were given 75 minutes to answer the 98 questions. In the present form (PB-6) of the test, the number of passages has been reduced to 11, and the students are given 65 minutes to answer the 77 questions. The passages are arranged in order of difficulty, beginning with very easy material and progressing to very difficult material. Test items are formed by the deletion of selected words in each passage. Each deleted word is indicated by an underlined blank space. Five response options are provided for completing each blank.

The items are designed so that the text of the passage must be read and understood. All the response options fit the blank space: that is, each one makes a grammatically correct and logically plausible sentence if the sentence is considered in isolation. However, only one response fits or is plausible when the surrounding context of the passage is considered. Therefore, to determine the right answer, students must understand the text surrounding the sentence. If the text is understood, then the one correct answer will be obvious.

The deleted words and the response options are always easy or common words, no matter how difficult the passage. Thus the test items become more difficult only with respect to the difficulty of the text in the passages. The response options are kept at an easy level in order to assure that answering questions correctly depends on understanding the surrounding prose in the passage. In addition, all the information that is needed to answer the questions is provided in the text of the passage thus making it more certain that the test measures reading ability, and not prior information that some students may have and others may not.

Since a student's score on the test is an indication of the most difficult prose reading material which that student can comprehend, the information can be used by teachers to select materials for instruction and independent reading assignments which are of an appropriate difficulty level for that student.

Full Text Provided by ERIC

- 7 -

III. TEST DEVELOPMENT PROCEDURES

For each of the skills identified for inclusion on the proficiency test, the content area committees established guidelines concerning the types, numbers, and difficulty level of items to be used to measure the skill. National Evaluation Systems was responsible for providing a set of test items meeting those specifications from which two parallel forms of the mathematics and language arts tests could be constructed. The College Board was responsible for providing a set of items for the reading test.

All language arts and mathematics test items were developed specifically for the Connecticut Basic Skills Proficiency Test. Test items were reviewed by committee members three times during the test development process--twice prior to the pilot test and once afterward to examine the pilot test results. Test items were added, deleted, or revised based upon committee recommendations the test development process. throughout Reading Committee members participated in a review of test items which had previously been extensively The next section (Pilot field-tested by the College Board of New York. Testing) will describe the procedures used in October 1979 to create Forms A and B and those used in October 1981 and 1982 to create Forms C and D.

Pilot Testing

In October 1979 a pilot test consisting of 148 test items in mathematics and 112 test items in language arts was administered to a sample of tenth-grade students in 32 representative Connecticut schools. A review of pilot-test results by the Mathematics, Language Arts, Test Bias, and Psychometrics Committees resulted in a final item pool containing enough items to construct two parallel forms (Forms A and B) of the mathematics and language arts tests. Form A was administered in March 1980 and again in October 1980. (For a more detailed description of the pilot-test procedures, see the Summary Report of the 1979-80 Connecticut Ninth-Grade Proficiency Test.)

In the fall of 1981, test Form B in both Language Arts and Mathematics was administered along with a set of pilot items. Form B in Language Arts was administered with 20 different sets of 6 pilot items. Form B in Mathematics was administered along with twenty different sets of 10 pilot items. In this testing design, Form B is an anchor test into which 120 experimental language arts items and 200 experimental mathematics items are imbedded. Each version of the tests was administered to approximately 2,000 students.

In October 1982, the same design was used to test an additional 200 experimental mathematics items (20 sets of 10 items) and 140 experimental language arts items (20 sets of 7 items). (NOTE: Experimental items were administered to ninth-grade students only.)

The major purpose of this design was to construct two new forms of the tests, Form C and Form D, for both language arts and mathematics. Test Forms C and D will have the following characteristics:

 Test Forms C and D are to have the same number of items as Form B (i.e., 36 items in language arts; and 65 items in mathematics);



- Test Forms C and D are to be equal in difficulty to each other, and to Form B, at both the domain and total test level, and
- Test Forms C and D are not to contain any overlapping items.

The psychometric procedures which were utilized to construct test Forms C and D focus primarily on the use of the one-parameter latent trait model. The construction of Form C was completed in the spring of 1983, and was used in the October 1983 and October 1984 test administrations. The construction of Form D was completed in 1984 and administered in October 1985 and October 1986.

<u>Setting the Statewide Level of Expected Performance (SLOEP)</u>

As soon as final test forms (A and B) had been established for each section of the March 1980 Ninth-Grade Proficiency Test, the State Department of Education began the process of setting standards for the test. EERA regulations mandated that a Statewide Level of Expected Performance (SLOEP) be established by January 1, 1980. Students whose scores fall below the statewide level of expected performance will be eligible for further diagnosis and, if necessary, remedial assistance to be provided by the local or regional school board.

The State Department of Education's EERA staff met with the EERA Advisory Committee to determine the procedures to be used for setting standards on the Connecticut test. The State Department staff made a proposal, based upon consultation with the Psychometrics Committee, which recommended using some combination of the four most commonly used procedures for setting standards on multiple-choice tests: (a) Angoff method, (b) Nedelsky method, (c) Borderline Group method, and (d) Constrasting Groups method. The EERA Advisory Committee recommended the following two steps:

- Use the Angoff and Nedelsky methods prior to January 1 to establish the expected levels of performance for the March 1980 test administration.
- Use the Borderline and Contrasting Groups procedures after March 1980 to validate the SLOEP (set in step 1) for future years.

<u>Angoff and</u> Nedelsky procedures. Both the Angoff and Nedelsky approaches to standard-setting required the participation of subject-matter experts who know the capabilities and general performance levels of the student population and who are familiar with the curriculum in the schools. Four such groups of subject-matter experts, the majority of whom were teachers of ninth-grade students, participated as judges in the standard-setting process for the Connecticut mathematics and language arts multiple-choice tests. For each test, one group used the Angoff procedure and the other used the Nedelsky procedure. Both methods are designed to yield an estimate of the expected average score of a group of students with minimally acceptable performance. Estimates resulting from the use of these procedures were used to set the cut scores for the mathematics and language arts multiple-choice portions of the Connecticut ninth-grade test. (For a more detailed description of the standard-setting process, see the 1979-80 Summary Report.)

ERCC*

¢. {.

- 9 -

. • :

Setting standards for the Writing Exercise and the Reading Test (DRP) involved two groups for each test. For the Writing Sample, two groups of committee members, acting as judges, read a set of 18 papers which had been previously scored using the holistic scoring method. The judges were asked to read each paper and to determine whether the writer (a) definitely needed remedial assistance, (b) definitely did not need remedial assistance, or (c) was on the borderline between needing remedial assistance and not needing it. After a brief training exercise in holistic scoring, each judge rated the papers. Judges' ratings were then compared with the actual scores those papers had been given when scored holistically. Based upon their ratings, the two groups of judges agreed that papers which had received a summed score of 2 or 3 indicated a need for remedial assistance. The State Department, therefore, recommended as the SLOEP for the writing sample a holistic score of 4.

In reading, one group examined the passages in the DRP, asking themselves what the most difficult passage was which a ninth-grade minimally competent student could be expected to read with 75% comprehension. The other sub-group examined lists of textbooks, commonly used in English and social studies classes, and selected those textbooks which a minimally competent ninth-grade student could be expected to read. When the DRP unit (score) corresponding to those textbooks was identified, it was identical to the DRP unit (score) of the passage identified by the first group. The DRP unit (score) recommended by both reading sub-groups was 47.

<u>State Board approval</u>. The State Department of Education recommended the adoption of the following Statewide Levels of Expected Performance: 62 percent for Mathematics, 58 percent for Basic Writing Skills in the Language Arts, a holistic score of 4 for Writing, and a DRP unit score of 47 for Reading. In January, 1980, the State Board of Education approved the standard-setting process and all four of the proposed Statewide Levels of Expected Performance.



1.

IV. TEST ADMINISTRATION AND SCORING

Test sessions were conducted by local teachers under the supervision of local test coordinators who had been trained by staff from National Computer Systems (NCS). A student who took all four subtests participated in approximately three and one-half hours of testing. In order to allow the school districts as much latitude as possible in adapting test administration to local conditions and student needs, local plans for administration of the Basic Skills Proficiency Test were acceptable if the following conditions were met for all students:

- Session 1 (Writing Sample) occurred on October 16, 1986;
- Basic Writing Skills in the Language Arts, Mathematics, and Reading occurred in any sequence sometime during October 14, 15, 16 and 17, 1986;
- All ninth, tenth, eleventh and twelfth graders in a district were tested on the same schedule;
- Testing occurred during the regular school day in a classroom setting;
- Testing allowed for a minimum of a five-minute break between each testing session;
- No more than three testing sessions were administered in one-half day, and
- Make-up sessions began on Monday, October 20 and were concluded by Thursday, October 23, 1986. The last three above conditions applied for all make-up sessions.

At the conclusion of the make-up testing period, the tests and answer booklets were returned to NCS and organized in preparation for holistic scoring workshops and optical scanning and scoring.

Scoring of the Language Arts and Mathematics Tests

The mathematics and language arts multiple-choice tests were scored by NCS. The scores reported indicate the percent of items answered correctly by students. Mathematics scores were reported for the total test and for three domains: Computation, Concepts, and Problem Solving. Likewise, language arts scores were reported for the total test and for three domains: Mechanics of Written Expression, Composing and Organizing Skills, and Library Skills for Writing Tasks.

<u>Scoring of the Writing Sample</u>

The writing samples were scored using a technique known as the holistic scoring method. Holistic scoring is an impressionistic and quick scoring process that rates written products on the basis of their <u>overall</u> quality.



- 11 - 2

It relies upon the scorers' trained understanding of the general features that determine distinct levels of achievement on a scale appropriate to the group of writing pieces being evaluated.

The major assumption upon which holistic scoring is based is that the quality of a piece of writing should be judged on its overall success as a whole presentation, rather than on the quality of its component parts. Contributing to the rationale underlying holistic scoring is evidence that: (1) no aspect of writing skill can really be judged independently; (2) teachers can recognize and agree upon good writing when they see it regardless of how they describe writing ability, and (3) teachers will rate pieces of writing in much the same way regardless of any discrepant views they might hold about how particular components of writing should be weighed.

The procedure for holistic scoring is specific to the complete set of writing samples on a given topic that a group of scorers has been asked to evaluate. That is, the scoring scale is based on the range of ability reflected in the particular set of writing samples being assessed.

<u>Preparation for scoring</u>. Prior to the training/scoring sessions, a committee consisting of Connecticut State Department of Education (CSDE) personnel, representatives of the Connecticut Council of Teachers of English (CCTE) and the Connecticut Heads of English Departments (CHED), two Chief Readers and project staff from Measurement Inc. of Durham, North Carolina, met and read a substantial number of essays drawn from the total pool of essays to be scored. Approximately 60 essays were selected to serve as "range-finders" or "markers", representing the range of achievement demonstrated in the total set of papers. Copies of those range-finders served as training papers during the scoring workshops which followed. Each range-finder was assigned a score according to a four-point scale, where 1 represents a poor paper and 4 represents a superior paper.

<u>Scoring workshops</u>. This section describes the procedures used to score the writing samples.

During the month of November, eight holistic scoring workshops were held in two different locations in the state. Attendance at these scoring workshops totaled 238 teachers. A Chief Reader and two assistants (table leaders) were present at every workshop in addition to representatives of the CSDE, the CCTE, and the CHED. Each workshop consisted of a training session and a scoring session. Any teacher with at least two years of prior scoring experience had the option to self-train under the supervision of the table leaders. The training of all other teachers was conducted separately by the Chief Reader.

The general procedure for a training session is described below.

• Each training paper (range-finder) was studied in turn and trial-scored by all scorers. Scoring judgments were independent, quick, and immediate, and were based on the scorer's overall impression of the paper. No fractional points on the score scale (1-4) were permissible.



- After all scorers had scored the first four training papers, their judgments were compared to the score assigned during the range-finding process. Any discrepancies were discussed. Through repeated discussions on succeeding training papers, scorers came to identify and internalize those features of written composition that distinguish the papers along the established range. This "holistic" process obviates the need to articulate explicitly the specific criteria that separate one score point from the next.
- Scorers were "calibrated" by ascertaining that they were making judgments consistent with one another and with the Chief Reader/table leaders. Discussions about papers continued until agreement was reached on the scores of the training papers.

Once teachers were calibrated, actual scoring of the writing exercises occurred. Each paper was read independently by two different scorers; that is, the second reader did not see the score assigned by the first reader. The Chief Reader was responsible for adjudicating any disagreement of more than one point between the judgments of the two scorers as well as any score in combination with a zero score. In another words, discrepancies of one point between scores (e.g., 4 and 3, 1 and 2, 2 and 3) were acceptable, but larger discrepancies (e.g., 2 and 4, 3 and 1, 1 and 4, as well as 0 and 1, 2, 3, or 4) had to be resolved by the Chief Reader. Once a paper was assigned two acceptable scores, the two scores would be summed in the computerized scoring process to produce the final score for each student. The possible scale of summed scores ranged from a low of 2 to a high of 8.

In past years the Proficiency Test was scored exclusively by Connecticut teachers. This year's writing samples, however, had to be evaluated a second time by contracted scorers because of a discrepancy that was detected during a preliminary data check. The discrepancy necessitated rescoring the papers to maintain comparability with the proficiency scoring standard assigned to writing samples in past years.

<u>Understanding the holistic scores</u>. Examples of actual student papers which are representative of the scoring range for the Connecticut proficiency test will assist the reader in understanding the statewide standard set for the writing sample and in interpreting the test results. Sample papers representing four different holistic scores are presented in the Appendix. Note that the process of summing the scores assigned by the two readers expands the scoring scale to account for "borderline" papers. A paper which receives a 4 from both scorers (for a total score of 8) is likely to be better than a paper to which one reader assigns a 4 and another reader assigns a 3 (for a total score of 7). In addition, it should be emphasized that each of the score points represents a range of student papers--some 4 papers are better than others.

A score of zero (0) was assigned to student papers in certain cases. A score of 0 indicates that a paper is not scorable and, therefore, that the student's writing skills remain to be assessed. The cases in which a score of 0 was assigned were as follows:

responses that merely repeated the assignment

22

र्षे संस्थित हेन्द्र

- illegible responses
- blank responses
- responses in languages other than English
- responses that failed to address the assigned topic in any way
- responses that ware too brief to score accurately, but which demonstrated no signs of serious writing problems (for example, a response by a student who wrote the essay first on scratch paper and who failed to get very much of it recopied)

Both readers had to agree that a paper deserved a O before this score was assigned. If the two readers disagreed, the Chief Reader arbitrated the discrepancy. Papers which were assigned a score of O were not included in summary reports of test results.

Scoring of the Reading Test

The reading test was scored by the College Board of New York. The scores reported are the DRP unit scores. These scores identify the difficulty or readability level of prose that a student can read with comprehension. This makes it possible to match the difficulty of written materials with student ability. These scores can be better interpreted by referring to the readability levels of some general reading materials as shown below:

- Sports Section local daily newspaper 58 DRP Units
- Fiction Section general interest magazines 45 DRP Units
- Business Section local daily newspaper 73 DRP Units

A much more extensive list of reading materials is contained and rated in the booklet <u>Readability Report</u>.

The conversion between DRP unit scores and raw scores can be made from the tabled values in the Degrees of Reading Power <u>Users Guide</u>, pp. 26–28.



V. OCTOBER 1986 PROFICIENCY TEST RESULTS

'Test results are reported in three ways: statewide, by type of community and by district.

Statewide Test Results

ţ.,

٦

Table 1 summarizes the statewide results of the October 1986 Basic Skills Proficiency Test for ninth-grade students in each of four subject areas.

TABLE 1

CONNECTICUT BASIC SKILLS PROFICIENCY TEST RESULTS: OCTOBER 1986 STATEWIDE SUMMARY REPORT: GRADE 9 ALL DISTRICTS

SUBJECT/DOMAIN	AVERAGE Percent Correct	STANDARD DEVIATION	NUMBER OF Students Scored	STUDEN ABOVE NUMBER	TS AT OR SLOEP x Percent
HATHEMATICS					
COMPUTATION	82.9%	14,5%			
CONCEPTS	74,1%	18.3%			
PROBLEM-SOLVING	87,5%	14,5%			
TOTAL	81.9%	14.0%	32,905	29,616	90.0%
LANGUAGE ARTS					
MECHANICS	Ŷ0.5%	14.0%			
Composing	85.0%	16.1%			
LIBRARY	92.2%	14,7%			
TOTAL	86,9%	12.0%	32,073	31,672	96.3%
	AVERAGE Holistic score				
HRITING SAMPLE	5,1	1.5	32,739	29,571	90.3%
	AVERAGE DRP UNIT SCORE				
READING	64		32,922	31,316	95,1%

* MATHEMATICS SLOEP = 62% LANGUAGE ARTS SLOEP = 58%

HRITING SLOEP READING SLOEP **= 4**

= 47



- 15 -

<u>Mathematics</u>. In mathematics, 29,616 or 90.0% of the students taking the test scored at or above SLOEP. Statewide, Connecticut students achieved an average score of 81.9%; that is, 54 of the 65 items were answered correctly. Students did best in problem solving (87.5%), followed by computation (82.9%) and mathematical concepts (74.1%).

<u>Basic Writing Skills in the Language Arts</u>. Basic writing skills in the language arts were measured with two separate tests. Students took a 25-minute writing sample as well as a 36-item multiple-choice test. On the multiple-choice test, 31,672 students, or 96.3% scored at or above SLOEP. The average score was 88.9%. It can be seen that students did best on multiple-choice test items in library skills (92.2%), followed by mechanics of written expression (90.5%) and composing (85.0%). On the writing sample, 29,571 students, or 90.3% were at or above SLOEP. The average score on the writing sample was 5.1 on a range of 2 to 8.

<u>Reading</u>. In reading, 31,316 students, or 95.1%, scored at or above SLOEP. The average Degrees of Reading Power (DRP) unit score was 64. This translates to a DRP raw score of 67 out of 77 test items.

Figures 1-3 (pages 17-19) pictorially present the results in mathematics, language arts and writing for each of the seven October test administrations. For each subtest in figures 1-3, the bar graph indicates the percent of students at or above SLOEP for each test administration. The shaded area of each bar graph highlights the average growth in student achievement since 1980. The line graphs display the average number or percent of items answered correctly by all students for each test administration, with the SLOEP for each area tested represented by the solid black horizontal line. The 1985 and 1986 reading results are presented in Figure 4 (page 20). Reading results from previous years are not presented since the 1985 and 1986 scores are based on revised raw score to DRP conversion tables and are not directly comparable to student performance prior to 1985.

Principal Results

- The percent of students at or above SLOEP is above 90 in each of the four subtest areas of the statewide proficiency test.
- The 1986 percent of students at or above SLOEP in each of the four areas tested were substantially higher than the comparable figures for the 1980 administration.
- Statewide, the percent of students at or above SLOEP varied no more than three-tenths of a percentage point in mathematics, language arts or reading, compared to last year's scores.



COMPARISON OF STATEWIDE RESULTS FOR EERA BASIC SKILLS PROFICIENCY TEST: OCTOBER 1980 THROUGH 1986 ADMINISTRATIONS

MATHEMATICS

Student Achievement in Relation to the SLOEP*



Average Percent of Items Correct



*SLOEP is the Statewide Level of Expected Performance



COMPARISON OF STATEWIDE RESULTS FOR EERA BASIC SKILLS PROFICIENCY TEST. OCTOBER 1980 THROUGH 1986 ADMINISTRATIONS





Average Percent of Items Correct



*SLOEP is the Statewide Level of Expected Performance



and y in

27

COMPARISON OF STATEWIDE RESULTS FOR EERA BASIC SKILLS PROFICIENCY TEST: OCTOBER 1980 THROUGH 1986 ADMINISTRATIONS

WRITING



*SLOEP is the Statewide Level of Expected Performance

COMPARISON OF STATEWIDE RESULTS FOR EERA BASIC SKILLS PROFICIENCY TEST: OCTOBER 1985 THROUGH 1986 ADMINISTRATIONS

READING

Student Achievement in Relation to the SLOEP*



Average DRP Unit Score



Only Reading results for the 1985 and 1986 administrations are presented since different conversion tables were used prior to 1985. (See the Summary and Interpretations Report of the 1985-86 Proficiency Test for details.)



. .

*SLOEP is the Statewide Level of Expected Performance

Test Results by Type of Community

Tables 2 and 3 present data aggregated by Type of Community (TOC) for each portion of the test. Connecticut school districts were classified according to six-community types, as follows:

- TOC 1 = LARGE CITY a town with a population of more than 100,000.
- TOC 2 = FRINGE CITY a town contiguous with a large city, and with a population over 10,000.
- TOC 3 = MEDIUM CITY a town with a population between 25,000 and 100,000 and not a Fringe City.
- TOC 4 = SMALL TOWN (Suburban) a town within an SMSA* with a population of less than 25,000, not a Fringe City.
- TOC 5 = SMALL TOWN (Emerging Suburban) a town with a population of less than 25,000 included in what was a proposed 1980 SMSA but not included in a 1970 SMSA.
- TOC 6 = SMALL TOWN (Rural) a town not included in an SMSA, with a population of less than 25,000.

For Tables 2 and 3, students attending Regional Vocational-Technical Schools have not been classified within the six TOCs but have been aggregated as a separate group.

Principal Results

- The percent of urban students (TOC 1) at or above SLOEP in 1986 increased from the previous year in mathematics, language arts and reading. The percents of students at or above SLOEP also improved since 1980 with the largest gain in mathematics (34.2% additional students at or above SLOEP).
- With the exception of large cities (TOC 1) and Vocational-Technical Schools, there are relatively small differences in the average scores on the subtests among the remaining TOCs.
- In TOC 1 and the Vocational-Technical Schools, the average scores and the percents of students at or above SLOEP are below the respective statewide averages.

^{*}SMSA ("Standard Metropolitan Statistical Area") is the U.S. Census Bureau definition of a metropolitan area. It includes a central city (or "twin cities") of at least 50,000 people, and those contiguous towns that are socially and economically integrated with the central city. There are 11 SMSAs in Connecticut. The above classifications are based upon what were the proposed 1980 SMSAs.



SUMMARY OF EERA BASIC SKILLS PROFICIENCY TEST RESULTS FOR SIX TYPES OF COMMUNITIES, VOCATIONAL-TECHNICAL SCHOOLS, AND STATE: OCTOBER 1986 SCHOOL YEAR 1986-87

NOTE: It is neither appropriate nor meaningful to sum across the different tests and subtests because of differences in scoring units, test lengths and Statewide Levels of Expected Performance (SLOEPs).

_		HA	THEMA	TICS			LAN	GUAGE	ARTS		HRIT	ING	READING	
TYPE OF COMMENTLY (TOC)	Сощр	Conc	Prob	Total Mean % Correct	X At or Above SLOEP	Hech	Сощр	Libr	Total Mean % Correct	% At or Above SLOEP	Hean Holistic Score	% At or Above SLOEP	Mean DRP Unit Score	% At or Above SLOEP
Large City (1)	74.8	60.9	78,5	72.0	74.1	82.6	77.6	86.3	81.6	90.5	4.4	77.5	58	87.1
Fringe City (2)	85.6	77.6	89.9	84.8	94.0	93.2	87.7	94.0	91.4	98.0	5.3	94.4	67	97.4
Hedium City (3)	83.3	74.1	86.1	82.3	91.3	91.3	85.8	92.8	89.6	97.1	5.1	89.9	64	95.9
Suburban Town (4)	87.0	80.5	91,5	86.7	95. 8	93.7	88,5	94.9	92.1	98.8	5,5	95.2	69	98.6
Emerging Suburban (5)	86.1	79.2	90.8	85.7	95.4	93.6	87.6	94.3	91.6	98.2	5,4	96.4	67	97.5
Rural Town (6)	83.9	76.8	88.8	83.5	92.4	91.3	85.2	92.8	89.4	96.6	5.3	93.5	66	55.6
Vocational-Technical Schools	77.7	67.7	82.7	76,5	85.0	85.0	79.1	87.8	83.5	93,5	4.4	84.7	60	91.6
State	82.9	74.1	87.5	81.9	90.0	90.5	85.0	92.2	88.9	%.3	5,1	90.3	64	95.1

TABLE 3 NUMBER OF STUDENTS SCORED: OCTOBER 1986 SCHOOL YEAR 1986-87

TYPE OF COMUNITY (TOC)	HATHEMATICS	LANGUAGE ARTS	HRITING	READING
Large City (1)	4,831	4,821	4,733	4,825
Fringe City (2)	6,519	6,517	6,516	6,520
Medium City (3)	7,218	7,194	7,201	7,238
Suburban Town (4)	6,033	6,041	6,002	6,035
Emerging Suburban (5)	2,971	2,970	2,959	2,969
Rural Town (6)	2,312	2,303	2,305	2,301
Vocational-Technical Schools	3,021	3,027	3,023	3,034
State	32,96.	32,873	32,739	32,922



ginggeran ya ku ku Sija

:

v

, -

Table 4 presents unduplicated counts of the total number and percent of students needing further diagnosis (and perhaps remedial assistance) in one or more subject areas. Table 4 displays the potential magnitude of remedial assistance at the ninth-grade level in Connecticut. The results are presented for the state as a whole, and then aggregated by TOC and vocational-technical schools.

Principal Results

- Of the 6,100 students, statewide, in possible need of remedial assistance, 4,101 (67.2%) fell below SLOEP on only one subtest.
- Large cities (TOC 1) continue to have the highest percent of students who may be in need of remedial assistance (40.1%). However, the urban school districts have reduced this figure substantially since the beginning of the statewide proficiency testing in 1980.

TABLE 4

NUMBER AND PERCENT OF STUDENTS BELOW SLOEP ON ONE OR MORE SUBTESTS, BY STATE AND BY TYPE OF COMMUNITY (TOC)*: OCTOBER 1986

	NUMBER OF STUDENTS TAKING AT LEAST ONE SUBTEST	BELOH S ONLY ONE	LOEP ON SUBTEST	Belon On th More Su	SLOEP 10 or 18tests	TOTAL BELOH SLOEP ON AT LEAST ONE SUBTEST				
<u> </u>		*	%	*	<i></i>	*	%			
STATE	33,478	4,101	12.2	1,999	6.0	6,100	18.2			
TOC 1	5,042	1,198	23.8	824	16.3	2,022	40.1			
TOC 2	6,593	550	8,3	206	3.1	756	11.5			
TOC 3	7, 378	955	12.9	358	4.9	1,313	17.8			
TOC 4	6,068	407	6.7	121	2.0	528	8.7			
TOC 5	2,994	195	6.5	73	2,4	268	9.0			
TOC 6	2,336	211	9.0	118	5,1	329	14.1			
VOCATIONAL- TECHNICAL SCHOOLS	3,067	565 ·	19.1	299	9,7	884	28.8			

SCHOOL YEAR 1986-87

* THE TOC IS BASED ON THE STUDENT'S SCHOOL DISTRICT



Test Results by District

Table 5 (pages 25-27) presents a listing of test results by school districts and other schools. School districts are listed alphabetically, followed by regional school districts, endowed academies, and vocational-technical schools. The TOC designation in the second column indicates the group with which each district or school has been classified on Tables 2, 3 and 4.

Because the most valid comparisons for district scores are longitudinal within each district, the State Department of Education advises against making school district comparisons. The following cautions should also be noted:

- The tests were not designed for normative purposes.
- It is not appropriate or meaningful to sum across the different tests and subtests because of differences in test length, scoring units, and SLOEPs.
- It is inappropriate to compare districts solely on the basis of the percent of students scoring at or above the SLOEPs. These comparisons are inappropriate since it is impossible to identify, solely on the basis of the above information, how the average student has performed in the districts being compared. Average scores and standard deviations provide more appropriate comparative information on how well the average student is performing, although many factors may affect the comparability of these statistics as well.
- Test score comparisons with previous years should be performed at the total test score level and not at the domain score level.

Participation Rate Results

Table 6 (pages 30-32) presents the number of ninth-grade students in each district and the percents of students who participated in the proficiency test during the October 1986 statewide administration. The alphabetical listing of districts provides the following information for each district:

- Column 1 The total number of ninth-grade students at the time of testing.
- Column 2 The number of ninth-grade students eligible for testing (i.e., excluding certain special education, bilingual, and ESL students).
- Column 3 The number of students tested but excluded from district summary data.
- Columns 4-7 The percents of ninth-grade students who received valid scores for each test based on the number of eligible students (i.e., column 2).

Individual Student Report

المعاد المحاجب والمحم مراوية

For each student tested, two copies of an individual student report were sent to the district, one for the student's file and one for the student's parent or guardian. An example is provided in Figure 5 on page 33.

EERA BASIC SKILLS PROFICIENCY TEST RESULTS For connecticut school districts: October 1986

SCHOOL YEAR 1986-87

NOTE: It is neither appropriate nor meaningful to sum across the different tests and subtests because of differences in scoring units, test lengths and Statewide Levels of Expected Performance (SLOEPs).

		MATHEMATICS										HRITING		READING	
DISTRICT	тос	Сощо	Conc	Prob	Total Mean X Correct	X At or Above SLOEP	Nech	Совр	Libr	Total Hean X Correct	% At or Above SLOEP	Mean Holistic Score	X At or Above SLOEP	Hean DRP Unit Score	% At or Above SLOEP
ANSONIA	ß	81.4	70 K		80.1										
AVON 1	, iii	92.3	M. 5	00,0	00 •	92.Z	72.0	86.7	92.6	90,5	99,1	4.5	91.3	62	93.0
BERLIN	4	87.1	79.0	92.8	76+6	47.0	70.0	72.2	97.0	72 ,2	100.0	6.2	97.9	76	100.0
BETHEL	4	88.4	79.3	92.4	87.1	97.1	47.5	80 9	79,9	76.5	100.0	5.7	97.8	69	98.9
BLOOMFIELD	2	81.1	71.1	86.4	80.1	89.8	89.9	85.8	91.7	76,7	70,0 47 s	D , D	90.3	69	99.2
BOLTON 2	4	87.2	77.5	92.0	86.1	95.8	95.8	88.9	94.2	93.0	100.0	5,1	72.0	03	>>.1
BRANPORD 3	4	80.0	71.5	86.5	79.8	89.8	88.8	84.4	89.4	87.3	93.0	4.8	89.2		70.0
BRIDGEPORT	1.	72.3	58.4	75.7	69.4	69.9	79.3	75.0	86.0	79.3	88.9	4.0	67.2	54	84.3
DRISTOL	3	81.8	72.7	87,5	81.2	91.9	90.6	83.8	92.5	88,5	96.2	5.4	93.4	64	96.1
DROUKFIELD	4	86,4	84.9	91.4	86.4	95.9	95.9	90.0	97.2	\$4.0	99.5	5.1	94.4	69	97.4
CANTON A	6	84.2	78.4	86.8	84,2	94,5	91.4	83.6	93.5	89.0	95,9	4.9	93.2	65	98.6
CHERNIDE		93.1	88.1	94.3	92,1	100.0	93.9	92.4	96.2	93.9	100.0	5,4	97,7	73	190.0
CITNTON	2	07.5	82.7	92.1	87.7	96.6	94.3	88.1	95.6	92.3	96.1	5.7	96.9	69	93.5
COLCHESTER	р Б	04.0	/2,8	86.9	82.9	92.3	88,6	81.1	90.1	86,2	92.9	5.2	96.8	62	92.3
COVENTRY			/3.0	00.5	80.0	66,3	87.8	80.3	92.5	86.1	94.7	4.8	90.6	66	100.0
CRONNELL		84 7	74 4	80 7	05.V	97.7	94.Z	87.1	95,5	91.9	100.0	5,8	96,8	67	98.9
DANBURY	3	81.4	79.8	84 8	80.7	77,3	73.7	00.7	95,1	91,5	96,8	4.9	89.4	67	96.8
DARIEN	2	91.7	88.8	64.7	0V./ 91 0	07.0	70.1	05,0	91.0	00,6	%,3	5,3	93.8	64	95.3
DERBY 5	5	75.0	66.8	85.0	74 1	88.4	79,7	71,0	72,0	74.3	99.5	6.3	100.0	76	100.0
EAST GRANBY	4	84.7	81.4	93.0	87.4	100.0	72,5 OE 4	01,0	07./	07.9	¥>,6	9.8	89,5	63	92.1
EAST HADDAM	5	83.1	76.9	89.0	83.4	97.5	97.K	84 7	70,0 04 A	72,7	100.0	D. 0	97.9	73	100.0
EAST HAMPTON	5	86.3	81.1	91.5	86.6	97.9	92.4	90.6	64 7	92 7	47.0	D,D 4 0	- 94.9	69	100.0
EAST HARTPORD	2	80.4	72.3	86.1	80.0	91.4	91.9	86.4	92.2	90.0	06 1	4.0	91.D	69	97.9
EAST HAVEN	2	78.6	67.2	27.0	78.2	91.4	92.8	84.9	93.2	90.0	97.4	49	77.9	47	- Ye
EAST LYME 6	- 4	87,4	82.0	90.6	87.0	95.3	92.3	86.4	93.2	90.3	38.7	5.4	94.0	47	77.4
EAST HINDSOR	- 4	79.8	69.7	86.4	79.2	92.0	92.0	86.4	92.8	90.1	96.7	5.0	94.7	47	
ELLINGTON	<u> </u>	84.7	78.3	90.6	84.9	94.1	93.9	86.4	94.4	91.3	99.2	5.1	89.8	69	96.3
ENFIELD	3	84.2	77.5	89.9	84,3	94.3	92.6	86.0	94.0	90.5	98.4	5.1	90.4	66	96.5
FAIRFIELD	2	87.8	80,0	91.5	86.8	96.6	95,2.	89.3	94.7	93.0	98.9	5.4	96.3	67	98.6
CLARTINGIUN 7	21	90.6	84.0	94.6	90.1	99.5	93.9	90.7	97.0	93.4	99.5	6.0	100.0	73	99.5
CRANBY A	2	91.0	87.5	95.0	91.6	96,9	95,9	91.2	97.5	94.6	100.0	6.3	100.0	73	99.4
OF FRANTCH		02.2	70.0	90,1	83.4	94.0	92.5	88,3	93.9	91,3	97.4	5.9	94.8	69	99.1
SPISHOLD 10		07.7	74 7	73.4	æ.o	70,Z	94.7	89,2	95.7	92.9	96.7	5.6	95.6	71	98.9
GROTON		82 0	77.0	09,Y	01,3	- 00,9	87.1	81.3	91.0	85,9	92.6	4.9	64.0	62	91.4
GUILFORD		84 4	73.£ 81 3	00.0 01 0	03,1	92.0	91.7	80.Z	93,4	90,1	97.6	5,0	09.5	66	97.6
HAMIDEN		79.8	72 3	83 7	79.0	~~~~~	73,5	00.0	93.7	91.6	100.0	6.1	97.9	69	96.7
HARTPORD	īl	75.0	61.6	78.8	79 4	74 4	07./	77 4	91.0	07,5	93,4	5,1	88,5	62	92.4
KILLINGLY 11	6	80.8	74.0	84.9	80.3	84.0	87 0	70 0	2,00	00.7	09.7	4.2	75,6	58	87.3
LEBANON 12	6	85.4	76.0	88.3	83.7	94.0	89.0	87.5	41 E	84 E	90.9	9,8	87.5	62	92.6
LEDYARD 13	4	85.7	79.5	87.7	84.6	90.1	92.8	87.6	94.2	91 9	77.5	7 ,2 5 0	92.9	67	95.8
LITCHFIELD	6	87.4	81.1	90.5	86.7	93.8	91.3	87.3	95.0	90.7	70.0	9,C 5 7	90.2	67	97.9
HADISON	5	84.3	81.1	91.2	86.5	97.8	94.2	88.8	94.7	92.4	97.8	5,/ E #	00.0	07	90.9
MANCHESTER 14	3	85.7	76.3	89.5	84.3	93.3	91.2	86.5	92.5	89.8	96.9	5.2	- 70.1	07 44	7/.0
MERIDEN	3	80.6	71,2	86.3	79.9	86.8	90.2	85.0	91.8	88.7	96.9	4.7	83.4	50	04 4
MIDDLETOWN 15	3	83.0	71.2	87.3	81.1	88.6	88.6	83.2	90.9	87.1	94.8	4.8	87.4	65 66	2.2
MILFORD	3	83.1	74.8	89.4	82.9	93.2	92.4	87.1	94.7	91.0	98.6	4.7	90.7	67	98.1
FUNKUE 16	•	8, 88	80.9	91.1	86.6	95.0	94.5	88.3	94.7	92.3	96.8	5.0	94.3	67	98.1
	• • • •	84.1	76.7	89.4	83.8	92.1	91.7	84.6	93.3	89.5	94.7	4.9	90.7	66	98.0
NEL RETTATL	Z	78.3	68.0	84.3	77.4	85.0	86.7	85,3	90.5	87.9	96.3	4.8	91.4	64	96.4
INDA PATINTA] د	77.0	67.1	03.1	76,5	81.6	86.2	83,1	90.2	86.0	94.3	4.4	84.9	61	92.5
	-		~												



1 .

;,

- 25 - 34

EERA BASIC SKILLS PROFICIENCY TEST RESULTS For connecticut school districts: October 1986

SCHOOL YEAR 1986-87

		MATHEMATICS					LA	NGUAGI	E ARTS		HRITING		READING		
	Į													Mann	
					7-4-1	v				Tatal	Y #1	Mana	Y At on	n d d	Y At an
					IOLAL V	A AL OF				Hotel V	A AL OF	inenci Maliatia	A AL OF	UKP	Abom
ATSTRICT	m	C	Cono	Buch	Connect	RIGER	Manh	Com	1 ihn	Connect	SLOED	90000	SLOFP	Soone	SLOFP
PISIRICI			Conc	FIUD	Correct	SWEP	magn	Comp	PUBL.	WITTEL	JUVEr	JOUNE	JULF	30014	
NEH CANAAN 18	2	93.6	87.8	95.1	92.4	99.5	97.2	92.1	97.5	95.5	100.0	6.3	99.0	73	99.5
NEH FAIRFIELD	- 4 1	84.4	79.2	89.6	84.7	89.5	92.4	87.9	92.1	90.7	97.4	5.3	88.4	66	98.4
NEH HAVEN	il	73.6	57.5	76.6	70.0	70.9	82.3	75.5	84.3	80.3	89.5	4.4	77.5	56	84.4
NEHINGTON	2	88.4	83.6	93.6	88.0	97.6	95.8	90.1	95.9	93.8	99.3	5.3	96.7	69	96.7
NEH LONDON	3	80.6	67.8	83.5	77.9	87.7	88.0	81.8	91.8	86.6	97.9	4.7	84.5	61	93.1
NEH MILFORD 19	5	86.7	77.5	90.9	85.5	95.3	94.3	88.5	94.9	92.3	96.5	5.3	96.7	69	97.0
NEHTCHN	5	89.3	82.6	94.1	89.0	97.6	94.7	90.8	95.9	93.6	99.6	5.8	96.8	73	99.2
NORTH BRANFORD	4	84.8	77.0	91.0	84.7	95.1	95.0	86.6	91.3	91.1	96.4	5.3	95.9	66	100.0
NORTH HAVEN	2	90.5	79.2	92.6	87.9	96.5	95.0	89.0	96.0	93.1	99.6	4.7	89.4	71	99.6
NORTH STONINGTON 20	5	90.9	82.7	94.2	89.7	96.0	91.6	87.1	93.8	90.4	100.0	5.4	96.0	n	100.0
NORHALK	3	82.1	70.6	85.0	79.8	86.7	87.3	83.2	90.1	86.4	94.7	4.9	85.8	61	91.3
NORWICH	3	69.9	56.6	79.7	69.5	66.7	76.7	74.1	80.7	76.6	77.3	4.1	72.7	55	86.4
OLD SAYBROOK	5	83.5	77.3	89.1	83.7	92.9	92.8	83.0	92.5	89.2	97.6	5.6	94.1	63	97.6
PLAINFIELD 21	6	83.2	71.3	87.4	81.2	93.4	91.4	84.3	92.1	89.0	97.9	5.0	90.9	62	95.4
PLATNVILLE 22	4	86.5	79.3	92.6	86.5	96.7	92.7	87.1	94.7	91.1	98.3	4.8	91.6	66	96.6
PLYMOLTH	2	81.5	72.4	90.2	81.9	94.5	93.2	86.8	94.0	91.8	100.0	5.2	92.9	69	99.2
PORTLAND	5	84.4	76.8	90.4	84.9	93.2	93.2	86.7	95.3	91.3	95.9	5.3	98.6	67	97.3
PLITNAM 23	6	84.1	76.5	90.1	84.0	96.6	92.6	83.8	94.8	89.9	97.5	4.6	85.0	64	96.3
RIDGEFIELD	š	91.0	86.0	94.5	90.8	96.7	94.1	91.0	96.4	94.3	99.7	6.0	100.0	73	99.7
POCKY HTLL	4	82.6	75.8	90.8	83.4	95.4	94.2	88.1	94.0	92.0	100.0	4.6	80.2	67	96.5
SEVICE 24	5	80.4	71 0	87.8	80.5	90 1	92.0	84.4	90.9	89.0	95.3	5.2	95.3	63	95.4
SHELTON	1	82 9	74 1	A6 0	89 4	07 4	67.9	87.8	03.8	91 3	96.2	5.3	90.8	67	97.9
STHENIDY 25		91.1	84 1	03.7	90 0	96 5	6 1	91.5	96.5	94.5	99.7	5.6	97.9	76	99.1
SOMEDR	4	88.7	80 8	94 7	70.0	07 4	05 4	89.0	96.6	93.4	100.0	5.1	93.5	71	100.0
SOLITIVITINGTION 26		84 1	79 4	01 6	84 1	94 4	05.7	89.6	94. 2	93.4	99.5	5.5	98.8	67	97.3
SCHITH HINDSOF 27	2	84.8	78.7	91 0	85 0	94 K	62 B	87.6	93.6	91.0	98.8	5.8	96.9	66	95.7
STAFFORD 28	Ē	87 4	70 4	01 7	84.4	94 0	94.9	85 E	95.7	91.7	100.0	5.1	97.6	69	100.0
STANFORD	ĩ	80 K	71 A	85 6	79.8	84 1		84 1	91.0	87.4	93.7	5.2	91.9	63	93.6
STONTNETON	\$	84 0	80 K	03.0	84 4	07 8	02.7	88.9	94.7	91 3	00.3	5.7	97.0	60	96.5
STRATEORD		82 7	70 9	84 0	81 0	01 1	01 2	84 4	61 1	AA 9	55.2		87.0	64	95.7
DIRATIOND	- 4	02.3	77 1	00.7	01.U	01 7	00 0	87 E	74.4 OE 7	01 E	100 0		94.3	67	94.4
	- 7	en 4	77	00.2	63.9	74.3	76.0	84 7	07.5	90 0	08.7	E 2	98.7	1 71	100 0
THOMPSON	- 7	02.0	10.L	70.5 01 7	05.2	70.2 07 2		80.7	07.1	02 K	98.4	57	100.0	1 40	98.4
			85 0	71,3		77.2	04.7	07.7 0n •	05 4	93 7	100 0	R R	94 3	73	96.5
TORDATION		00.0	80.1	72,9 41 E	67.0	77.3	07 1	87 1	94 1	91 1	98 2	4 2	73 8	47	98.3
		80 7	80.1	74,9	00.0	97 A	04.0	80.8	0E E	02 B	96.7	R A	99.0	71	99.4
VEDAVAJ 21		07.J	74 4	76.7	87.4	77.7	07.0	87 3	07 4	61 K	99 n	5.0	94.7	1 44	96.1
VALLYNCEODD 79		03.5 47 E	70.4	07.0	60 0	77.7 01 4	00	84 E	07.0	90 4	97 1		87 5	67	97.4
WALLINGTON DY 32	3	74 E	72.7 E7 8	78 4	71 1	71.0	AE 9	70 1	73.L RA 0	81 4	92.6	4.3	83.3	59	00.0
WATERFORM			70.0	10,0		11.0	05.2	00 0	00.7	07 4	100 0			60	00 E
MATERTURD	- 7	0/.1	77.0	72.0	00,7	77.0	79.2	70.6	73,7	73. 4 02 0	06 I	5	0 6 7	47	96.7
		00.0	12,3	70.0	04.5	70.1		67 4	07 A	76.6	98.0		94 1	47	on i
HEDIDKUUN	- 2	04.0	01./	91.0	05.0	70.0	71.6	07.7	73.0	70.2	00.0	5.0	98 4	1 4 9	
HEST HARTFURD 34		00.0	03.1 70 F	91.0	0/.7	7/.1	17.7	70.1	70.3	73.3	07 1	5.7	80.0	47	4 1
HEAT HAVEN	ž	01.7	/V.D	03.3	/7.0	07.0		00.0	73,1	70,2	100 0	E 7	07.7 07 A	71	on a l
MESTUN		07.4	09,Z	73.0	07.7	97.0	77.0	91.0	70.0		100.0		97.0	1	00.2
	2	YU.D	00.5	73.9	YU.D	¥0.Z	70.2	71.7	70.7	77.(100.0		77.77 63 E	1 47	77.3
MEINEKOFIELD 35	Z Z	0/.0	00.5	¥1.1	0,00	74.0	73,Z	00.1	72.7	71,5	7/.2	2.1	72,9 66 E	77	79.7
MILTUN 36	-	91.2	00.1	y3.4	90.5	77.1	77.0	Y1.1	7/.4	77.1	100-0		77,2		77.1
HINDHAM 37	6	70.3	07.3	03.2	76.7	77.7	00.Z	01.9	07.5	00.Z	77./	1 2:2	72.1	40	07.7
MINDSOR	Z	56.7	80.0	91.8	00,5	75,5	71.6	00,5	75.7	YU.Z	7/.9	5.2	77.0	07	70.0
MINDSOR LOCKS	4	66.0	80.2	92.7	06.7	70,1	91.7	56.Z	94.9	Y0.4	YY.1	2.	07.0	27	77.1
HOLCOTT 38	2	82.6	73.2	87,8	81.7	94.6	94.5	87.0	94.1	91.7	100.0	5.1	97.3	0/	¥/.8

.

· · · · ·

• ·

- 26 - 35

EERA BASIC SKILLS PROFICIENCY TEST RESULTS For connecticut school districts: October 1986

SCHOOL YEAR 1986-87

	1		MATHEMATICS					ມ	NGUAG	E ARTS		HRITING		READING	
DISTRICT	тос	Сощр	Conc	Prob	Total Mean X Correct	X At or Above SLOEP	Mech	60-41	Libr	Total Hean X Correct	X At or Above SLOEP	Hean Holistic Score	% At or Above SLOEP	Hean DRP Unit Score	% At or Above SLOEP
REGION I 39	6	84.0	79.7	91.6	86.1	98.9	94.9	86.9	6K 4	09 7	100.0	4.0	07.0	1.7	
REGION IV 40	6	86.1	76.2	89.3	84.3	94.2	88.6	80.7	92.8	86.7	96.9	6.U 8.4	9/.0	67	95.7
REGION V 41	4	89.8	83,8	93.6	89.4	98.0	95.6	89.7	96.4	93.7	99.2	5.9	99.2	76	100.0
REGION VI 42	6	88.9	81,5	92.7	68,1	100.0	94.6	86.9	93.4	92.3	100.0	5,6	98.2	69	100.0
REGION VII 45	-	87.5	80.5	92.2	87.1	95.0	93.7	88.0	95.2	92.0	99.3	5.4	95.7	67	97.2
REGION IX 45	2	87 1	/7.6	90.3	5,65	94,5	93.1	88.4	91.8	91.8	99.4	5.2	95.7	67	98.2
REGION X-46	- 2	88.7	80.2	91.0	00.0 87.4	72.9	74.3	00.4	75,8	92,5	98,7	6.4	97.4	69	98,7
REGION XI 47	6	79.1	75.4	76,6	797	97.9 85 7	73./	00,1	95.4	92.0	98.7	5.7	98.7	71	98.7
REGION XII 48	6	83.3	80.1	88.4	84.2	92.4	64 E	89.6	6K A	02.Z	100 0	5,1	92.1	62	92.1
REGION XIII 49	5	84.9	79.2	89.2	84.8	93.6	92.8	87.1	93.3	73.V 90 8	97 (5 .7	90,5	69	97.1
REGION XIV 50	- 4	84.9	76.1	86,3	83.5	96.4	91.4	89.1	93.4	91.0	99.1	55	70,7	44	70.0
REGION XV 51	- 4	88.0	80.8	92.3	87,4	97.7	94.7	89.2	97.0	93.2	99.4	5.9	96.6	71	00.0
REGION XVII BE	6	88.2	83,8	93,2	86.7	97.5	94.6	89.2	96.8	93.1	99.2	5.3	95.9	71	99.3
KEGION XVIII 53	<u>•</u>	85,6	78.4	91.0	85,4	96.2	91.9	87.2	94.4	90.8	97.4	6.0	94.7	71	100.0
ATIRENT SCHOOL KK	2	83.V	72.0	87.5	81,4	90.5	92.2	85.7	93,1	90.1	96.7	5.3	90.9	64	95.4
HOODSTOCK ACTINY BA	2	0/.0	77.9	73,1	06.4	97.7	95,3	90.4	95.7	93.6	100.0	5,8	100.0	69	100.0
BULLARD-HAVENS VT 57	-	77 0	//.O	YU./	C5.6	98.7	93.7	87.2	95.6	91.8	100.0	6.1	97.5	76	98.7
HENRY ADDOTT VT 56	÷	77.0	67.0	89.7	76 1	00,Z	07.9	03.0	90.2	86.7	97.2	4.2	79.3	61	95,1
H H ELLIS VT 59	ż	85.6	74.9	86.2	83.4	94.7	00./	/0, y	07.1	04.0	95.9	4.2	83,5	61	93,5
ELI HHITNEY VT 60	7	82.6	69.6	86.2	80.1	94.6	89.3	83.6	73.4 01 3	87 7	97.2	9.4 4 E	93.9	66	\$9.2
A I PRINCE VT 61	7	76.5	61.4	78.9	73.0	80.1	80.3	76.5	86.5	80.3	01 0	7,2 4 E	90.7	6U 50	92.7
HOHELL CHENEY VT 62	7	79.9	73.8	86.3	80.4	89.2	87.5	83.4	91.4	86.9	97.8	4.9	87 3	90 64	0.0
H C HILCOX VT 63	7	77.0	69.2	84,8	77.4	90.3	86.8	80,4	89.3	85.0	95.9	4.7	93.0	60	92 0
VINAL VT 64	<u> </u>	74.1	67.6	76.2	72.9	74.7	80.6	75.8	80.2	78.8	87.3	3.8	64.5	59	91.4
	<u> </u>	75.1	64.4	81.0	74.1	79.3	79.4	72.5	83,3	77.7	85.4	4.3	83.1	55	80.1
J M HOTONT VT 47	41	40.9	/2.8	87.0	80,5	91.5	86.5	81.8	90.3	85.6	97.4	4.5	90.9	61	95,5
OLIVER HOLOUTT VT 48	÷	78.8	57.0	70.0	67.U	60,4	76.7	69.3	81.0	75.0	81.7	4.8	87.6	55	79.7
H F KAYNOR VT 69	- 1	78.4	A4.9	80 3	70,4	0/.0	06.Z	50./	90.7	85.2	97.8	4,5	66.2	61	91.6
HINDHAH VT 70	ż I	77.1	70.4	82.6	77.1	87 6	81 1	77.1	00,9	03.0	94.6	9. 9	87.6	61	93.8
EMIETT O'BRIEN VT 71	7	79.5	68.1	83.4	77.5	84.4	87.3	79.8	84 4	84 4	77,3	7.7	09.1	60	91.5
PLATT VT 72	7	77.9	£1.0	83.3	77.2	87.0	0.86	79.7	88.8	85.2	31	4,5	/9.9	60	92.7
GRASSO SOUTHEASTERN 73	7	78.3	66.9	82.1	76,3	82.2	80.9	75.9	86.3	80.3	87.0	4.2	70 7	40	73.1
E O SHITH SCHOOL 74	6	86.3	81.0	89.6	85,9	94.6	91,5	87.3	93.7	90.5	95.9	5.5	93.9	67	07.2
											ł				



5 m.

*

.

36

- 27 -

....

POOTNOTES TO TABLE 5

School districts that received students from other towns or school districts are listed below: A (P) means that the district sends its students to two or more school districts. (Source: Feeder Fatterns/Schools Verification Form, 1986)

- 1 AVON RECEIVES STUDENTS FROM HART?ORD(P).
- BOLTON RECEIVES STUDENTS FROM WILLINGTON(P)
- 3 BRANFORD RECEIVES STUDENTS FROM HARTPORD(P).
- 4 CANTON RECEIVES STUDENTS FROM HARTPORD(P).
- DERBY RECEIVES STUDENTS FROM ANONIA(P), NEW HAVEN(P), OKFORD(P) AND SHELTON(P). EAST LYME RECEIVES STUDENTS FROM SALEM(P). 5
- FARMINGTON RECEIVES STUDENTS FROM HARTPORD(P).
- OLASTONBURY RECEIVES STUDENTS FROM EAST HARTFORD(P), HARTPORD(P), ROCKY HILL(P), HETHERSPIELD(P), HANCHESTER(P) 8 AND MARLBOROUGH(P).
- GRANBY RECEIVES STUDENTS FROM HARTPORD(P) AND HINDSOR LOCKS(P).
- 10
- GRISHOLD RECEIVES STUDENTS FROM CANTERBURY(P), LISBON(P) AND VOLUNTOWN(P). KILLINGLY RECEIVES STUDENTS FROM BROCKLYN(P), CANTERBURY(P), EASTFORD(P), GRISHOLD(P), PLAINFIELD(P), STERLING(P), VOLUNTOWN(P), MOODSTOCK(P), POMPRET(P), RUTNAM(P) AND THOMPSON(P). 11
- LEBANON RECEIVES STUDENTS FROM ANDOVER(P), COLCHESTER(P), COLLABIA(P), FRANKLIN(P), HEBRON(P), MARLBOROUGH(P), SALEH(P), BOZRAH(P), SPRABUE(P), HAMPTON(P), CHAPLIN(P) AND SCOTLAND(P). 12
- LEDYARD RECEIVES STUDENTS FROM EAST LYNE(P), MONTON(P), MONTVILLE(P), NEW LONDON(P), PRESTON(P), STONINGTON(P), 13 HATER, ORD (P), HORTH STONENOTON (P), LISBON (P), OLD LYME (P) AND NORHICH (P).
- HANCHESTER RECEIVES STUDENTS FROM HARTFORD(P). 14
- HIDDLETONN RECEIVES STUDENTS FROM CLINTON(P), PORTLAND(P), BURHAM(P), EAST HAMPTON(P), GUILPORD(P) AND 16 OLD SAYDROOK.
- 16 HONROE RECEIVES STUDENTS FROM BRIDGEFORT(P), OKPORD(P), NEWTOWN(P), REGION XVI, STRATFORD(P), DANBURY(P), ANSONIA(P) AND HATERTOHN(P).
- NAUGATUCK RECEIVES STUDENTS FROM BEACON FALLS(P). 17
- 18 NEW CANAAN RECEIVES STUDENTS FROM DANBURY(P), DARIEN(P), FAIRFIELD(P), STANFORD(P), HILPORD(P), NORMALK(P), SHELTON(P) ANE HESTON(P).
- 19 NEW MILPORD RECEIVES STUDENTS FROM SHERMAN(P).
- NORTH STONDARTON RECEIVES STUDENTS FROM VOLLATONN(P). PLAINFIELD RECEIVES STUDENTS FROM STERLING(P). PLAINVILLE RECEIVES STUDENTS FROM MARTFORD(P). PUTNAM RECEIVES STUDENTS FROM POMPRET(P). 20
- 21
- 22
- 23
- SEYHOUR RECEIVES STUDENTS FROM BEACON FALLS(P) AND OKFORD(P). 26
- SINSBURY RECEIVES STUDENTS FROM HARTPORD(P). 9K
- SOUTHINGTON RECEIVES STUDENTS FROM NEW BRITAIN(P), HOLCOTT(P), BRISTOL(P), PLYHOUTH(P), BERLIN(P), CHESHIRE(P) 26 AND PLADNILLE(P)
- 27 SOUTH HINDSOR RECEIVES STUDENTS FROM HARTFORD(P).
- STAFFORD RECEIVES STUDENTS FROM UNDON(P). 28
- SUFFIELD RECEIVES STUDENTS FROM AVON(P), BLOOMFIELD(P), CANTON(P), EAST GRANBY, ENFIELD(P), GRANBY, HARTPORD(P), SIMSBURY, HINDSOR(P), HINDSOR LOCKS(P) #40 FARMINGTON(P). 29
- 30 TRAHOULL RECEIVES STUDENTS FROM BRIDGEPORT(P), HONROE(P), SHELTON(P), STRATFORD(P) AND REGION IN
- 31 VERION RECEIVES STUDENTS FROM EAST HINDSOR(P), ELLINGTON(P), MANCHESTER(P), SOMERS(P), SOUTH HINDSOR(P),
- STAFFORD(P), TOLLAND(P), BOLTON(P) AND UNION(P). 32 HALLINGFORD RECEIVES STUDENTS FROM BRANFORD(P), CHESHIRE(P), EAST HAVEN(P), HANDEN(P), MERIDEN(P), NEH HAVEN(P), NORTH BRANFORD(P), BETHANY(P), BRISTOL(P), NORTH HAVEN(P) AND HEST HAVEN(P). 33 HATERBURY RECEIVES STUDENTS FROM HAUGATUCK(P). 34 HEST HARTFORD RECEIVES STUDENTS FROM HAUGATUCK(P).

- HETHERSFIELD RECEIVES STUDENTS PRON BRISTOL(P), HARTFORD(P), VERNON(P), PLAINVILLE(P) AND HATERBURY(P). 35
- HILTON RECEIVES STUDENTS FROM DRIDGEPORT(P). 36
- HINDHAN RECEIVES STUDENTS FROM COLLINDIA(P) AND HILLINGTON(P). HOLCOTT RECEIVES STUDENTS FROM PROSPECT(P). 37
- 38
- REGION I RECEIVES STUDENTS FROM CANAAN(P), CORNALL(P), KENT(P), NORTH CANAAN(P), SALISBURY(P) AND SHARON(P). REGION IV RECEIVES STUDENTS FROM CHESTER, DEEP RIVER(P) AND ESSEX(P). 39
- 40
- REGION V RECEIVES STUDENTS FROM BETHANY(P), ORANGE(P) AND HOODBRIDGE(P). 41
- REGION VI RECEIVES STUDENTS FROM BURLINGTON(P), GOSHEN(P), HARMINTON(P), LITCHFIELD(P), MORRIS(P), 42 NEW HARTFORD(P), THOMASTON(P), TORRENOTON(P) AND HARREN(P). REGION VII RECEIVES STUDENTS FROM BARKHAMSTED(P), COLEBROOK(P), NEW HARTFORD(P) AND NORPOLK(P).
- 43
- REGION VIII RECEIVES STUDENTS FROM ANDOVER(P), HEDRON(P) AND MARLBOROUGH(P). 44
- REGION IX RECEIVES STUDENTS FROM EASTON AND REDDING(P). REGION X RECEIVES STUDENTS FROM BURLINGTON(P) AND HARMINTON(P). 45
- 46
- 47
- 48
- 44
- REGION X RECEIVES STUDENTS FROM BURLINGTON(P) AND HANGLANDAR(P). REGION XI RECEIVES STUDENTS FROM CHAPLIN(P), HANFTON(P) AND SCOTLAND(P). REGION XII RECEIVES STUDENTS FROM BRIDGEMATER(P), ROBBURY AND HASHINGTON(P). REGION XIII RECEIVES STUDENTS FROM DURHAM(P) AND HIDDLEFIELD(P). REGION XIV RECEIVES STUDENTS FROM DURHAM(P), HAD HIDDLEFIELD(P). REGION XIV RECEIVES STUDENTS FROM ANSONIA(P), BEACON FALLS(P), BETHEL(P), BETHLEHEM(P), BRIDGEMATER(P), BROOKFIELD(P), MIDDLEBURY(P), MONROE(P), NAMMATUCK(P), NEH MILPORD(P), NEHTOMA(P), GKFORD(P), PROSPECT(P), SETHOUR(P), SHERMAN(P), SOUTHBURY(P), MASHINGTON(P), MATERTOMA(P), DERBY(P) AND MOROBURY(P). 50
- 51 REGION XV RECEIVES STUDENTS FROM MIDDLEBURY(P) AND SOUTHBURY(P) 52 REGION XVII RECEIVES STUDENTS FROM HADDAM(P) AND KILLINGHORTH(P).

POOTNOTES TO TABLE 5

School districts that received students from other towns or school districts are listed below: A (P) means that the district sends its students to two or more school districts. (Source: Feeder Patterns/Schools Verification Form, 1906)

- 53 REGION XVIII RECEIVES STUDENTS FROM LYME(P) AND OLD LYME(P).
 54 NORHICH FREE ACDRY RECEIVES STUDENTS FROM NORHICH(P), SPRAGUE(P), SALEM(P), BOZRAH(P), LISBON(P), FRANKLIN(P), PRESTON(P), CANTERBURY(P) AND YOLUNTONN(P).
- BILBERT SCHOOL RECEIVES STUDENTS FROM HARTLAND(P) AND HINCHESTER(P). 54 HOODSTOCK ACONY RECEIVES STUDENTS FROM BROOKLYN(P), EASTFORD(P), POMFRET(P), STAFFORD(P), HOODSTOCK(P), PUTNAH(P), CHAPLIN(P), CANTERBURY(P) AND KILLINGLY(P).
- 27 BULLARD-HAVENS VT RECEIVES STUDENTS FROM BRIDGEPORT(P), FAIRFIELD(P), HONROE(P), SHELTON(P), STRATFORD(P) AND TRUMBULL(P)
- HENRY ABBOTT VT RECEIVES STUDENTS PROM BETHEL(P), BRIDGENATER(P), BROCKFIELD(P), DANBURY(P), MONROE(P), 50
- HEWET ADBOTT VT RECEIVES STUDENTS FROM BETHEL(F), BRIDGEMATER(F), BROCKFIELD(F), BANDURT(F), HUNRUE(F), NEM FAIRFIELD, NEM MILFORD(F), NEMTOHN(F), REDDING(F), RIDGEFIELD(F), SMERMAN(F), SOUTHBURY(F) AND HOODBURY(F). H H ELLIS VT RECEIVES STUDENTS FROM BROCKLIN(F), CANTERBURY(F), CHAPLIN(F), EASTFORD(F), GRISHOLD(F), KILLINGLY(F), PLAINFIELD(F), POMFRET(F), FUTNAM(F), STERLING(F), THOMPSON(F), VOLUNTOHN(F), HOODSTOCK(F) AND 29 ASHPORD(P)
- ELI MITTNEY VT RECEIVES STUDENTS FROM BETHANY(P), BRANFORD(P), EAST HAVEN(P), HANDEN(P), NEN HAVEN(P), 64 HORTH BRANFORD(P) AND NORTH HAVEN(P).
- A I PRINCE VT RECEIVES STUDENTS FROM BLOOMFIELD(P), EAST HARTPORD(P), ENFIELD(P), GLASTONBURY(P), HARTPORD(P), VERNON(P), MEST HARTFORD(P), HETHERSFIELD(P), HINDSOR(P), HINDSOR LOCKS(P), RUCKY HILL(P), NEW DRITAIN(P), FARMINGTON(P), SOUTH HINDSOR(P), NEWINGTON(P) AND SUFFIELD(P),
- 62 HOHELL CHENEY VT RECEIVES STUDENTS FROM BLOOMFIELD(P), BOLTON(P), COVENTRY(P), EAST HARTFORD(P), EAST HINDSOR(P), ELLINGTON(P), ENFIELD(P), GLASTONBURY(P), HARTFORD(P), MANCHESTER(P), SOHERS(P), SOLTH HINDSOR(P), TOLLAND(P), VERNON(P), HETHERSFIELD(P), HINDSOR LOCKS(P), SUFFIELD(P), HILLINGTON(P) AND HINDSOR(P).
- 43 H C HILCOX VT RECEIVES STUDENTS FROM BERLIN(P), CHESHIRE(P), HERIDEN(P), SOUTHINGTON(P), HALLINGPORD, HOLCOTT(P) AND NORTH HAVEN(P).
- 64 VIMAL VT RECEIVES STUDENTS FROM CLINTON(P), COLCHESTER(P), CROMMELL(P), DEEP RIVER(P), DURHAM(P), EAST HADDAH, EAST HAMFTON(P), ESSEX(P), BUILFORD(E', HADDAM(P), KILLINGHORTH(P), MADISON, MERIDEN(P), MIDDLEFIELD(P), MIDDLETOHN, NORTH BRANFORD(P), PORTLAND(P) AND ROCKY HILL(P).
 65 E C GOODHIN VT RECEIVES STUDENTS FROM AVON(P), BERLIN(P), BRISTOL(P), BURLINGTON(P), CROMMELL(P), FARMINGTON(P), GLASTONBURY(P), MANCHESTER(P), NEW BRITAIN(P), NEWDNGTON(P), PLAINVILLE(P), PLYNOUTH(P), SOUTHINGTON(P), LURGT MANYTRATERING AND MANY AND ROCKY HILLOP), PLAINVILLE(P), PLYNOUTH(P), SOUTHINGTON(P),
- HEST HARTPORD(P) AND HETHERSFIELD(P).
- NEST MARITURD(F) NEW MEINERSTELUT), NORHICH VT RECEIVES STUDENTS FROM BOZRAH(P), CANTERBURY(P), COLCHESTER(P), FRANKLIN(P), GRISHOLD(P), GROTON(P), LEBANON(P), LISBON(P), MONTVILLE(P), NORTH STONINGTON(P), NORHICH(P), PRESTON(P), SALEH(P), SPRAGUE(P), VOLUNTURN(P), HATERPORD(P), NEW LONDON(P) AND PLAINFIELD(P). J M HRIGHT VT RECEIVES STUDENTS FROM DARIEN(P), GREENHICH, NORMALK(P), RIDGEFIELD(P), STAMPORD(P), HESTON(P) AND
- 67 HESTFORT
- 48 OLIVER HOLCOTT VT RECEIVES STUDENTS FROM HOODBURY(P), BARKHANSTED(P), BETHLEHEH(P), CANAAN(P), CANTON(P), COLEBROOK(P), CONSALL(P), COSHEN(P), HARTLAND(P), HABHINTON(P), KENT(P), LITCHFIELD(P), HORRIS(P), NEH HARTFORD(P), NORPOLK(P), NORTH CANAAN(P), PLYHOUTH(P), SALISBURY(P), SHARON(P), THOMASTON(P), TORRINGTON(P), HINCHESTER(P), BURLINGTON(P), HARREN(P) AND HASHINGTON(P).
- 69 H F KAYNOR VT RECEIVES STUDENTS FROM BEACON FALLS(P), NAUGATUCK(P), PROSPECT(P), SOUTHBURY(P), HATERBURY(P), HATERTONN(P), HOLCOTT(P) AND HOODBURY(P).
- HATERION(P), HOLCOTT(P) AND HODODURY(P).
 HINDHAM VT RECEIVES STUDENTS FROM ANDOVER(P), ASHPORD(P), BOLTON(P), CHAPLIN(P), COLLMBIA(P), COVENTRY(P), FRANKLIN(P), HAMPTON(P), HEBRON(P), LEBANON(P), MANSFIELD(P), HARLBOROUGH(P), SCOTLAND(P), SPRAGUE(P), TOLLAND(P), UNION(P), HILLINGTON(P) AND HINDHAM(P).
 EMMETT O'BRIEN VT RECEIVES STUDENTS FROM ANSONIA(P), BEACON FALLS(P), DERBY(P), NAUGATUCK(P), OKPORD(P), SEYMOUR(P), SHELTON(P), BRIDGEFORT(P), MATERBURY(P) AND STRATFORD(P).
 PLATT VT RECEIVES STUDENTS FROM ANSONIA(P), BETHANY(P), DERBY(P), MILFORD(P), ORANGE(F), SEYMOUR(P), SHELTON(P), STRATFORD(P), HEST HAVEN(P), HODDRIDGE(P), BRIDGEFORT(P), NEM HAVEN(P) AND TRUEDULL(P).
 GRRASSO SOLTHFASTERN RECEIVES STODENTS FROM FAST LYMP(R), CONTINUE(R), CONTINUE(P), LEMENDAL (P).

- 73 GRASSO SOUTHEASTERN RECEIVES STUDENTS FROM EAST LYME(P), GRISHOLD(P), GROTON(P), LEDYAPD, LYME(P), MONTVILLE(P), NEH LONDON(P), NORTH STONENGTON(P), NORHICH(P), STONENGTON(P) AND WATERPORD(P), 74
- E O SHITH SCHOOL RECEIVES STUDENTS FROM ASHPORE(P), CHAPLIN(P), COVENTRY(P), HAMPTON(P), MANSFIELD(P), SCOTLAND(P), HILLINGTON(P) AND HINDHAM(P),
 - * RESULTS EXCLUDED DUE TO IRREGULARITY IN ADMINISTRATION.



- 29 -

Table 6

Participation Rates for Ninth-Grade Students by District School Year 1986-87

1	Total	Students	Students Tested		· · · · · · · · · · · · · · · · · · ·		
	Ninth-Grade	Eligible	but Excluded	Percent	of Eligible Stu	idents Tes	ted ³
District	Population	For Testing	from Summary Data ²	Mathematics	Language Arts	Writing	Reading
	1						
Ansonia	136	119	0	96.6	96.6	96.6	96.6
Avon	160	159	15	90.5	90.6	90.6	90.6
Berlin	209	195	0	91.8	91.8	91.8	92.3
Bethel	272	259	22	91.9	93.4	93.1	92.7
Bloomfield	195	188	7	98.9	98.9	99.5	97.9
Bolton	76	76	2	94.7	96.1	96.1	96.1
Branford	301	298	0	89.3	90.6	90.3	89 .9
Bridgeport	1508	1340	20	84.3	83.7	80.9	82.2
Bristol	716	688	48	89.8	89.1	88-4	9 0.3
Brookfield	196	196	1	99.5	99.5	99.5	99.5
Brooklyn	73	73	0	100.0	100.0	100.0	100.0
Canton	95	94	8	91.5	91.5	91.5	91.5
Cheshire	329	327	0	99.4	99.1	98.8	99.4
Clinton	159	156	0	99.4	99 .4	99.4	99.4
Colchester	112	109	11	86.2	87.2	88.1	87.2
Coventry	130	130	10	66.9	67.7	64.6	66. 9
Cromwell	89	č 6	0	100.0	100.0	98.8	100.0
Danbury	571	527	11	96.2	97.0	95.3	96.6
Darien	223	207	16	100.0	100.0	100.0	100.0
Derby	123	121	4	94.2	94.2	94.2	94.2
East Granby	57	57	7	84.2	84.2	84.2	84.2
East Haddam	86	83	6	96.4	95.2	95.2	96.4
East Hampton	98	98	10	95.9	95.9	95.9	95.9
East Hartford	485	483	62	86.7	86.7	85.1	86.7
East Haven	186	158	0	95.6	96.2	96.2	95.6
East Lyme	239	238	0	98.3	97.5	97.5	98 .3
East Windsor	97	88	11	85.2	85.2	85.2	84.1
Ellington	125	119	0	99.2	99.2	99.2	99.2
Enfield	634	612	75	83.7	83.7	83.5	84.0
Fairfield	416	388	26	91.2	91.8	91.2	90.7
Farmington	207	195	10	94.4	94.4	94.4	94.4
Glastonbury	395	383	31	90.9	90.9	91.1	91.1
Granby	116	116	0	100.0	100.0	100.0	100.0
Greenwich	534	506	59	89.5	89.3	89.1	89.3
Griswold	91	88	3	92.0	92.0	92.0	92.0
Groton	309	305	13	94.4	93.8	93.8	94.4
Guilford	265	265	24	88.7	38.7	89.1	89.1
Hamden	471	467	26	89.9	91.2	91.4	89.9
Hartford	2079	1736	217	75.1	75.9	74.1	75.9
Killingly	285	274	1	94.5	96.0	93.8	93.4
Lebanon	90	88	3	95.5	96.6	96.6	96.6
Ledvard	248	243	Ċ	99.6	99.6	98.4	99.2
Litchfield	97	95	Ō	97.9	97.9	97.9	97.9
Madison	235	230	Ō	100.0	100.0	99.6	100.0
Manchester	559	556	34	93.5	92.6	92.6	94.1
Meriden	603	545	0	95.8	95.4	95.0	95.6
Middletown	257	247	10	92.7	92.7	93.1	92.7
Milford	519	478	24	89.7	89.5	89.7	89.5
Moorge	272	266		97.4	97.7	98.1	98.1
Montville	159	154	2	98.1	97.4	97.4	97.4
Maugatuck	302	276	- -	89.5	89.1	88.0	89 5
New Britain	501	410	i i	87.3	P_ 18	80.0	91.0
New Canaan	212	211	18	91 5	91.5	91.5	91.5
New Fairfield	201	201	0	94.5	95.0	94.5	94.5
New Haven	1244	1112	56	01 4	90.0 90 0	24.5 22 Q	91 A
Newinaton	200	202		00.7	97 7	00.7 QQ.N	91.4
	1 309	302	0	04 2	92.1	99.0	92.0
May Milford	1/1	100	0	99.2	92.J 80 A	96.9	22.7
	304	3/3	0	09.7	07.7	00.0	0/.7
North Bronford	2/9	207	U 0	70.3	70.0	77.4	70.0 01 7
INVILLI DEALTOPO	134	133	7	71./ 02 4	21./ 02.A	02 4	21.7
INUTLA NAVCA	24/	243	14	73.4	73.4	73.4	33.0
INORTH STORINGTON	50	55	5	JU. J	JU./	70.7	70.7
	L _/U8	00/	7		<u>74.0</u>	73.7	76.0

1

ERIC

٤.

led by ERIC

The number of eligible students is determined by excluding certain Special Education, Bilingual, and English-as-a-Second-Language (ESL) students from the total population of ninth-grade students. These are students designated "handicapped exclude" (HE) or "Bilingual" (B) by local education agencies. 1 23

Table 6

.

Participation Rates for Ninth-Grade Students by District School Year 1986-87

		Total	Students	Students Tested	<u> </u>			
		Nintin-Grade	Eligible	but Excluded	Percent	of Flighto St.	idente Ter	tad3
	District	Population	For Testing	from Summary Data2	Mathematics	Language Arts	Writing	Deadin-
						- SHUMMANNE MI 12	<u> 71 15 119</u>	ACOUTING
	Norwich	Î 26	26	0	92.3	84.6	84.6	84.6
	01d Saybrook	100	100	9	85.0	85.0	85.0	85.0
	Plainfield	213	198	Ō	99.5	98.5	99.5	98 0
	Pla inville	187	187	15	96.8	96.3	95.7	90.0
	Plymouth	141	127	Ō	100.0	100.0	100 0	100.0
	Portland	81	75	1 1	98.7	98 7	96.0	100.0
	Putnam	133	124	l i	96.0	96.8	96.0	26.0
	Ridgefield	324	324	18	94.4	94.4	04 4	30.0
	Rocky Hill	140	136	1 T	96.3	06 7	24.4	97.7
	Samour	191	191	14	90.1	90.5	90.0	37.1
	Shelicon	317	298	7	96.0	05.5	09.0	50.0
	Stusbury	361	361	32	90.0	55.5	55.5 00 £	95.0
	Somers	87	85	11	90.6	90.9	50.0	90.9
	Southington	456	456	40	90.0	50.0	50.0	90.0
	South Windsor	283	281	19	90.7	50.0	91.0	89.7
	Stafford	136	128	5	07 7	50.7	91.1	31.1
	Stanford	822	748	19	97.7	97.7	96.1	96.9
	Stonington	144	136	.5	00.0	90.9	90.6	91.4
6	Stratford	449	411	5	99.3 QC 2	77.J 05 1	28.5	98.5
N.	Suffield	142	140	ů –	09 4	22.1	32.1	32.0
	Thomasten	96	80	n n	50.0 07 f	70.0 07 F	97.1	98.6
	Thompson	79	72	1	57.3	31.2	97.5	95.0
	Tolland	143	143	Ŕ	70.0 04 A	Y0.0	98.6	98.6
	Terrington	314	288	25	27.4	94.4	94.4	91.4
	Trumbull	362	352	25	99.7	99.7	99.3	99.3
·	Vernon	342	334	21	88.9	89.2	89.2	89.2
>	Wallingford	475	A27	21	90.7	90.1	90.7	91.0
	Heterbury	951	727	13	98.1	97.9	97.4	98.4
	Waterford	221	210	34	89.3	89.0	88.4	89.8
Ĺ	Hatertown	221	212	25	87.2	87.2		86.8
	Hesthrook	230	230	U	97.1	97.1	97.5	97.5
	Hest Hartford	50	51	4	100.0	98.0	100.0	98.0
	West Mayon	3/5	202	U	98.2	98.8	98.8	98.4
		107	407	3	94.6	93.4	94.6	95.1
	Hestnart	135	135	U IIII	99.3	100.0	100.0	100.0
	Hethers Stald	340	320	35	89.1	88.8	88.4	88.4
-	Hilton	204	258		97.7	97.7	97.7	97.7
	Jindham .	335	335	19	64.5	64.5	64.2	64.5
	u segnam U suisor	302	279	23	95.7	95.0	93 .9	95.0
	Hindron Looks	3/1	366	25	91.3	91.3	91 .5	91.5
	Unicate LUCKS	113	109	2	98.2	98.2	97.2	98.2
-		205	198	10	93.9	92.4	92.4	92.9
		108	106	7	87.7	87.7	87.7	87.7
		120	118	0	100.0	100.0	100.0	100.0
		283	283	38	89.4	89.4	89.0	89.4
		67	58	0	98.3	98.3	96.6	96.6
		158	145	0	€7.2	97.2	96.6	97.2
		177	175	10	93.7	93.1	93.1	93.1
	tegional IX	161	159	0	<u>98.7</u>	98.7	98.1	98.1
	by onal X	181	178	19	87.1	87.1	88.8	88.0
	tes onal XI	70	70	0	90.0	32.9	90.0	90.0
	Net onal XII	75	75	7	90.7	90.7	90.7	90.7
	egional XIII	195	95	0	98.9	97.9	97.9	98.9
	regional XIV	121	119	7	93.3	94.1	92.4	92.4
ľ	testonal XV	228	226	14	77.0	76.5	77.4	77.9
	egional XVII	158	145	11	81.4	81.4	84.8	81.4
1	Cegional XVIII	82	81	3	96.3	93.8	93.8	96.3
P	iorwich Free Acdmy	514	501	1	90.2	90.4	91.8	·91.8
[illbert School	153	142	10 1	93.0	92.3	93.0	93.0
ļ	loodstock Acdmy	95	89	10	83.8	88.8	88.8	88.8
]	WTTard-Havens VT	273	247	o i	99.6	99.6	A. PP	100.0
IX	enry Abbott VT	171	170	0	99.4	100.0	100.0	100.0
H	W Ellis VT	123	123	o i	100.0	100.0	98.4	100.0
IE	Ti Whitney VT	210	210	0	96.2	97.1	97 1	97.6

1

The number of eligible students is determined by excluding certain Special Education, Bilingual, and English-as-a-Second-Language (ESL) students from the total population of ninth-grade students. These are students designated "handicapped exclude" (HE) or "Bilingual" (B) by local education agencies. These percents include only those students receiving valid scores. Results excluded due to irregularity in administration.

2.3*

ed by ERIC

- 31 ...

40

Table 6

. .

ided by ERIC

Ì.

يريز ا

Participation Rates for Ninth-Grade Students by District School Year 1986-87

District	Total Ninth-Grade	Students Eligible For Testing	Students Tested but Excluded	Percent	of Eligible Stu	dents Tes	ted ³
AI Prince VT Howell Cheney VT HC Wilcox VT Vinal VT EC Goodwin VT JH Wright VT Oliver Wolcott VT WF Kaynor VT Windham VT Emmett O'Brien VT Platt VT Grasso Southeastern EO Smith School	176 142 219 153 220 164 167 178 230 131 150 244 185 152	165 142 219 153 220 164 167 178 230 131 150 244 185 149	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	97.6 97.9 99.1 98.0 87.7 93.3 92.8 100.0 98.3 98.5 99.3 100.0 100.0 100.0 99.3	97.6 97.9 99.1 98.0 90.5 93.9 91.6 100.0 97.4 98.5 100.0 100.0 100.0 99.3	98.8 94.4 98.2 99.3 91.4 93.9 91.6 100.0 98.3 98.5 99.3 100.0 99.5 98.7	97.6 97.9 97.3 99.3 91.4 93.9 91.6 100.0 98.3 98.5 100.0 100.0 100.0 99.3

The number of eligible students is determined by excluding certain Special Education, Bilingual, and English-as-a-Second-Language (ESL) students from the total population of ninth-grade students.
 These are students designated "handicapped exclude" (HE) or "Bilingual" (B) by local education agencies.
 Percents include only those students receiving valid scores.

CONNECTICUT BASIC SKILLS PROFICIENCY TESTING PROGRAM FALL 1986 INDIVIDUAL STUDENT REPORT

STUDENT NAME: ANNE BROWN

DISTRICT: WEST CHESTER

GRADE: 09

STUDENT ID:

42

SCHOOL: WEST CHESTER HIGH

	MATHEMATICS				
	COMPUTATION	CONCEPTS	PROBLEM SOLVING	TOTAL	MECH
STUDENT'S SCORE STATEWIDE LEVEL OF EXPECTED	60.9%	52.6%	54.5%	54.9%	73
PERFORMANCE (SLOEP)				62%	

LANGUAGE ARTS				WRITING SAMPLE	READING
MECHANICS	COMPOSING	LIBRARY SKILLS	TOTAL		RAW DRI Unit
73.3%	69.2%	75.0%	72.2%	5	55 51
			58%	4	43 47

You have accored at or above SLOEP on language arts, writing and reading.

You have scored below SLOEP on mathematics.

Your school should disgnose your skills in this area and, if necessary, provide you with remedial help. You will need to be retested annually until you reach, or exceed, the SLOEP(s).

If you have any questions concerning your scores, contact your teacher or principal.

ABOUT THE EERA TESTING PROGRAM: The Connecticut Basic Skills Proficiency Test is one part of the Education Evaluation and Remed-al Assistance (EERA) Act, passed in 1978. Two major purposes of the taw are to help students acquire preficiency in the basic skitts and to gether information that will help improve school programs. In addition, the law was amended in 1982 to require that students who scared below the Statewide Lavel of Expected Performance (SLOEP) on any peri of this test must be retested annually in the area(s) of weakness until they score at or above the statewide standard.

WHAT THE TESTS MEASURE: There are four parts to the EERA basic skills proficiency examination. Mathematics, Language Arts, Writing Sample, and Reading. The four parts of this test were designed to measure those skills that students should have acquired after alght years of school. The Mathematics Test measures three skill areas: computation, concepts, and problem solving. The Language Arts Test also measures three skill areas: mechanics of written expression, composition, and the use of library and reference materials. The Writing Sample measures a student's writing skills, as demonstrated on a 25-minute exercise describing a personal experience. The Reading Test measures a student's ability to understand, nonicition reading meterial, and Identifies the level of reading material that a student can read with comprehension. STATEWIDE LEVEL OF EXPECTED PERFORMANCE (SLOEP): A SLOEP has been set to represent minimum proticiancy on each of the four parts of this test. The SLOEPs for the four parts of this test are presented above. Each SLOEP was astablished by Connecticut educators to identify those students whose achievement is significantly below grade level. Such students should receive further diagnosis by the locat school and, if necessary, be provided with remedial assistance.

THE TEST SCORES: For the Mathematics and Language Arts Tasts, scores are the percent of fest questions answered correctly. A percent correct score is given above for each skill area and for total mathematics and total language arts. The Writing Sample score is expressed on a scale of 2 to 8 where 8 represents a very well-writien assay. For the Reading Tast, two scores are shown The first score (Raw) represents the number of questions answered correctly out of the 77 questions on the test. The second score (DRP Units) identifies the difficulty tevel of reading material that a student can comprehend while in an instructional setting. Higher scores reflect increased student ability to comprehend more difficult prose. It asterisks (**) appear above in place of a fest score, this means the student was absent, the answers ware not scorable, or the student was not required to be tested in that area. FIGURE 5

APPENDIX

SAMPLE PAPERS REPRESENTING THE SCORING RANGE FOR THE WRITING SAMPLE

The following student papers are representative samples of papers receiving summed holistic scores of 2, 4, 6, 8, and 0. Since each paper was scored by two readers on a scale of 1 to 4, a student's final score is on a range from 2 to 8. The Statewide Level of Expected Performance is a summed score of 4; students receiving a 2 or a 3 should receive further diagnosis at their local schools. (See pages 11-14 for a fuller explanation of holistic scoring.)

Students were asked to respond to the following essay topic:

Most of us spend many days in school. Some school days we enjoy more than others. Think about a day in school that you enjoyed. It may have been an ordinary day that you enjoyed or a school day filled with special activities.

Remember a special day at school. Write a composition about that special day. You may want to tell what you did that day, why the day was special to you, or how you felt on that day.

Your composition will be read and scored by two Connecticut English teachers. Write your composition so that the teachers who read it will understand it.



;

WRITING SAMPLE (Begin Here)

オモん 01 1 e. tre

- 35 - 45

HOLISTIC SCORE OF 4 (TWO RATINGS OF 2)

.....

WRITING SAMPLE (Begin Here)



- 36 -

HOLISTIC SCORE OF 6 (TWO RATINGS OF 3)

WRITING SAMPLE (Begin Here)

: my favorte day in Scharl
was in Kindernine ind
been working on a place
that we were to perfirm
tor the school we were
doing Cindenella and T
way a harse t the hard
make we had repersed
rehersed for a long time.
Duc horse costumes where
white trants, white shirts,
_ (which the eterchers alurd southing
on to make a pretty design).
A little tail + + head
perce , For the mice costumes
we were white tobts e
gray shirts third gray
mice ears it was so
-excised when they curtain
went up uten the mice
gue was there we all
- conved and it the maise_
have a conced around
Geografia the cross
- THUT ILLY PEACING UP AS
The start the depart

Internet States Street St
raming the teachers leloed
us chance may The brows
were added att. T wert
Stipping on Sine with
the owner maps of the
are temen to all the
- HILY WICH WE WERE CORP.
- ut off ton off
-my teacher come der
- and provided us all for
-doing a creat job.
That day uns
especially special became
T decided To will co
Kan The suit is known a known
- cuery minute of it Him o
- H Wardat De possible
without that special vous

- 37 - 47

HOLISTIC SCORE OF 8 (TWO RATINGS OF 4)

WRITING SAMPLE (Begin Here)

there: was <u>eighth</u> a. dour in L'remember als. 1000 40 Jt. do all. clo ON0.00 tl xl **₽** -4 112 confident ٨ 2n ania 99 daum entin kno the r On -l the putting startial tes b T A lage ન +la 2a ara the Anour tra Inc. 004 seville. about 9,10. dias Dol4 preti lase do lallo collected The Teste al 60 au l du down my Parc 01ile st. evaluated at . end grade <u>A+</u> had 11 lest £ an. the most memorable day to me that. war



- 38 -

HOLISTIC SCORE OF 0 (TWO RATINGS OF 0)

WRITING SAMPLE (Begin Here)

I DON'T	WANT	TU	TAKE	THIS	72-57
				·	
,					
				<u> </u>	



· · · ·

- -

- 39 -

 \mathbf{x}

Connecticut State Department of Education

Office of Research and Evaluation

Pascal D. Forgione, Jr., Chief

Douglas A. Rindone, Coordinator Assessment. Testing and Evaluation

> Peter Behuniak EERA Project Director

William J. Congero EERA Project Manager

Division of Curriculum and Professional Development

Betty J. Sternberg, Director

Mary Weinland, Consultant Reading and Language Arts

Steven Leinwand, Consultant Mathematics

