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National Center For Education Statistics

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# Directory of NAEP Publications



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U.S. Department of Education  
Office of Educational Research and Improvement  
NCES 1999-489

# What Is The Nation's Report Card?

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THE NATION'S REPORT CARD, the National Assessment of Educational Progress (NAEP), is the only nationally representative and continuing assessment of what America's students know and can do in various subject areas. Since 1969, assessments have been conducted periodically in reading, mathematics, science, writing, history, geography, and other fields. By making objective information on student performance available to policymakers at the national, state, and local levels, NAEP is an integral part of our nation's evaluation of the condition and progress of education. Only information related to academic achievement is collected under this program. NAEP guarantees the privacy of individual students and their families.

NAEP is a congressionally mandated project of the National Center for Education Statistics, the U.S. Department of Education. The Commissioner of Education Statistics is responsible, by law, for carrying out the NAEP project through competitive awards to qualified organizations. NAEP reports directly to the Commissioner, who is also responsible for providing continuing reviews, including validation studies and solicitation of public comment, on NAEP's conduct and usefulness.

In 1988, Congress established the National Assessment Governing Board (NAGB) to formulate policy guidelines for NAEP. The Board is responsible for selecting the subject areas to be assessed from among those included in the National Education Goals; for setting appropriate student performance levels; for developing assessment objectives and test specifications through a national consensus approach; for designing the assessment methodology; for developing guidelines for reporting and disseminating NAEP results; for developing standards and procedures for interstate, regional, and national comparisons; for determining the appropriateness of test items and ensuring they are free from bias; and for taking actions to improve the form and use of the National Assessment.

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# Directory of NAEP Publications



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U.S. Department of Education  
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April 1999

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# Preface

Since its inception in 1969, the goal of the National Assessment of Educational Progress (NAEP) has been to provide reliable information on the academic performance of American students in various subjects. To meet this objective, NAEP has produced hundreds of reports that not only provide data regarding student capabilities, but also increase the understanding of the philosophical approach, procedure, analysis, psychometric underpinnings, and instructional implications of the large-scale assessments. By documenting the changes in student performance, we can help those involved in education issues make sound decisions about such topics as the modification of curricula and the strengthening of teaching methods, as well as strive for an educational system that is always inclusive and continually improving.

The *Directory of NAEP Publications* is the most comprehensive listing of government-funded NAEP publications dating as far back as the project's inception. By cataloging this extensive collection, the *Directory* is something of a history of NAEP and proof of its evolving character. Over the years, the assessment instruments used for NAEP and the content frameworks have changed in composition. This flexibility, in accordance with the development of educational reform and psychometric advancements behind NAEP, is mirrored in its publications. The *Directory* also reflects the tremendous contribution those concerned about America's education have made over the years. From the individual students, parents, teachers, and principals who have kindly made our assessments possible by allowing us into their schools, to the state representatives who have given their time to inform us on how we can create reports that are more useful, to the numerous contractors, policymakers, researchers, and support staff who have devoted themselves to refining our methods and approaches and to working toward turning out the finest products possible, we wish to extend our gratitude for helping NAEP become the valuable informational source it is today. It is hoped that this publication will prove useful to members of the educational community.



# Introduction

The National Assessment of Educational Progress (NAEP) is the only nationally representative and continuing assessment of what America's students know and can do in various subject areas. It is a congressionally mandated project implemented by the National Center for Education Statistics (NCES), U.S. Department of Education. Since 1988 the National Assessment Governing Board (NAGB) has been charged with formulating the project's policy guidelines. NAEP has been conducted periodically since 1969 in reading, mathematics, science, writing, history, geography, and other fields. By making objective information on student performance available to policy-makers at the national, state, and local levels, NAEP is an integral part of our nation's evaluation of the condition and progress of education.

The NAEP design has a number of dimensions. Representative samples of students from across the nation are chosen to participate either in an assessment based on recently developed frameworks and items (*main NAEP*) or in the *long-term trend NAEP* assessments. National main and national long-term trend samples have assessed various subject areas on an annual basis from 1969 to 1980 and on a biennial basis since 1980. These components evaluate students at grades 4, 8, and 12 or at ages 9, 13, and 17. In 1990 NAEP added *state* assessment to its agenda to address the needs of state-level policymakers for reliable data concerning student achievement.

Over the past 28 years, NAEP has accumulated an enormous wealth of information on the nation's students. The *Directory of NAEP Publications* is a compilation of published works on NAEP sponsored by NCES. NAEP data have been utilized and referenced in numerous publications and research studies. However, secondary sources of NAEP materials that are not directly sponsored or cosponsored by NCES are not included in the *Directory of NAEP Publications*. The *Directory* is a thorough catalog of NAEP's many compendia, reports, brochures, and other informational documents. The publications are organized by publication year and fall into eight main categories: national reports; state reports; abbreviated documents; technical reports; focused reports and special studies; conference proceedings and commissioned papers; NAEP



evaluation studies and grant publications; and subject area objectives, frameworks, and achievement levels. Each publication category is preceded by descriptions of content, purposes, and intended audiences. Reports can be obtained in a variety of ways, and sources on how to obtain the publication follow each entry. The compilation of published works on NAEP found within the *Directory of NAEP Publications* reflects the extensive amount of resources available on student achievement and related NAEP issues. The ultimate goal is both to present a history of NAEP through a catalog of documents and to provide a helpful tool for those who are interested in education assessment data.



# How To Locate Publications Listed in the *Directory*

The publications listed in this *Directory* were obtained from the following sources: the Government Printing Office (GPO), Educational Testing Service (ETS), Library of Congress, National Center for Education Statistics (NCES), and the National Library of Education. As a result, the publications can be obtained in several ways. The majority of the publications are available through the Educational Resources and Information Clearinghouse (ERIC) database. Publications not accessible through ERIC can generally be obtained from other sources as indicated for each entry. Note the source indicated for a particular entry to determine the best procedure for locating/obtaining the publication.

To simplify the document retrieval process, entries listed in the *Directory* will have an ERIC number whenever possible. The ERIC number corresponds with the publication's document number as catalogued in the ERIC database. This number is necessary to locate publications in microfiche format within the ERIC catalogue. Publications that can be obtained through GPO include the GPO stock number, which is essential for ordering materials from GPO. More recent publications are available through the NCES Web site as described below.

## Documents Available Through ERIC

The ERIC database provides the most exhaustive listing of publications in the education field. Entries listed with an ERIC number can be retrieved by completing a search of the ERIC database. Most public and university libraries are equipped with computer terminals that can search the ERIC system. Using the ERIC number, most publications can be retrieved in microfiche form at the library. However, the availability of these publications at a particular library depends on the extent of each library's ERIC collection.

Documents in the ERIC database can also be retrieved electronically through the ERIC Web site address at <http://www.aspensys.com/eric>. The ERIC Web page provides

abstracts for documents published since 1991. The full text for these publications is presently not available on the ERIC Web site. Technical assistance is available by contacting ERIC at 1-800-538-3742.

### **ERIC Documents Available Through ERIC Document Reproduction Services (EDRS)**

Most publications listed with corresponding ERIC numbers can be ordered from EDRS in either microfiche or hard copy form. Due to illegible type in the originals, many older publications may not be available for reprint. EDRS can provide information on which materials are available and the specific cost for document reprints.

Document reprints can be ordered electronically through the EDRS Web site at <http://edrs.com>. The ERIC Web page currently offers two options for ordering documents: *AskERIC* and *Quick Search*. *AskERIC* is limited to documents that have been published in the most recent five years, beginning in 1991, and can be searched using the title of the publication. *Quick Search* lists all documents in the ERIC database. Patrons can search for publications through the *Quick Search* option by using the ERIC ED number. Written requests for publications from EDRS should be directed to the following address:

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### **Documents Available Through GPO**

Publications that have been generated by agencies within the federal government are typically available through GPO. However, GPO provides copies only of publications that are currently in print. The printing cycle for published works is determined by GPO and varies from one document to another. The GPO publications office can provide additional information on which publications are no longer in print and on charges for document reprints.

Publications available through GPO can be obtained electronically from the GPO Web site at [http://www.access.gpo.gov/su\\_docs](http://www.access.gpo.gov/su_docs). Publication reprints can be obtained by using the order form located at the end of this *Directory*. Written requests should be directed to the following address:

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### **Documents Available Through the NCES Web Site**

A limited number of recently produced documents are available electronically through the NCES Web site at <http://nces.ed.gov>. Related sites, such as the National Assessment Governing Board (NAGB) Web site, can be used to retrieve NAGB-sponsored publications such as the NAEP *Subject Objectives* and *Frameworks*. NAGB's Web site address is <http://www.nagb.org>.

### **Documents Available Through Ed Pubs**

The U.S. Department of Education provides a toll-free telephone service for publications prepared within the Department. NAEP publications may be obtained by calling 1-877-4ED-PUBS (1-877-433-7827) or TTY: 1-877-576-7734. Users may also call the National Library of Education at 1-800-424-1616 and select option 2 to order publications.



# ational Reports

NAEP conducts both national and state assessments of student achievement. NAEP conducts two types of national assessments: the main assessment and the long-term trend assessment. Main assessments are conducted at grades 4, 8, and 12; follow the curriculum frameworks constructed by the National Assessment Governing Board (NAGB); and use the latest conventions in assessment methodology. The assessment instruments are flexible so they can adapt to curricula changes. Conducted since 1969, the long-term trend assessment's goal is to measure change over time of performance in mathematics, science, reading, and writing. Its assessment instruments are identical from year to year.

NAEP report cards, which report main assessment data, address the needs of national and state policymakers and present the results for selected demographic subgroups defined by variables such as gender, race or ethnicity, and parents' highest level of education. Report cards present main findings and are typically the first reports to be released after data analysis. Trend reports describe patterns and changes in student achievement as measured through the long-term trend assessments for selected demographic subgroups such as those found in the report cards. This section includes the primary reports containing main and long-term trend results for the national assessment.

## Report Cards

1998 *Learning About Our World and Our Past: Using the Tools and Resources of Geography and U.S. History.* Hawkins, Evelyn, et al. National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

1997 *The NAEP 1997 Arts Report Card: Eighth-Grade Findings from the National Assessment of Educational Progress.* Persky, Hilary R., et al. National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

*NAEP 1996 Mathematics Report Card for the Nation and the States.* Reese, Clyde M., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00984-6). <http://nces.ed.gov/naep>.

*NAEP 1996 Science Report Card for the Nation and the States.* O'Sullivan, Christine Y., et al. National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

- 1996 *NAEP 1994 Geography Report Card: Findings From the National Assessment of Educational Progress and Trial State Assessment.* Persky, Hilary R., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00872-6) \$10. <http://nces.ed.gov/naep>.

*NAEP 1994 Reading Report Card for the Nation and the States: Findings From the National Assessment of Educational Progress and Trial State Assessment.* Campbell, Jay R., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00845-9) \$13. ERIC # ED388962. <http://nces.ed.gov/naep>.

*NAEP 1994 U.S. History Report Card: Findings From the National Assessment of Educational Progress and Trial State Assessment.* Beatty, Alexandra S., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00865-3) \$10. <http://nces.ed.gov/naep>.

- 1994 *America's Mathematics Problem: Raising Student Achievement. A Synthesis of Findings From NAEP's 1992 Mathematics Assessment.* Mullis, Ina V. S., Ed. National Center for Education Statistics, Washington, DC. Educational Testing Service, Princeton, NJ 08541-6710. GPO (065-000-00707-0) \$2.75. ERIC # ED377058.

*NAEP 1992 Writing Report Card.* Applebee, Arthur N., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00654-5) \$14. ERIC # ED370119.

- 1993 *NAEP 1992 Mathematics Report Card for the Nation and the States: Data From the National and Trial State Assessments.* Mullis, Ina V.S., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED360190.

*NAEP 1992 Reading Report Card for the Nation and the States: Data From the National and Trial State Assessments.* Mullis, Ina V. S., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00597-2) \$20. ERIC # ED369067.

- 1992 *Reading In and Out of School: Factors Influencing the Literacy Achievement of American Students in Grades 4, 8, and 12 in 1988 and 1990.* Foertsch, Mary A. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED341976.

*The 1990 Science Report Card. NAEP's Assessment of Fourth, Eighth, and Twelfth Graders.* Jones, Lee R., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. GPO (065-000-00490-9) \$11. ERIC # ED342683.

1991 *The State of Mathematics Achievement: NAEP's 1990 Assessment of the Nation and the Trial Assessment of the States.* Mullis, Ina V. S., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED330545.

1990 *Learning To Read in Our Nation's Schools: Instruction and Achievement in 1988 at Grades 4, 8, and 12.* Report No. 19-R-02. Langer, Judith A., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED317990.

*Learning To Write in Our Nations Schools: Instruction and Achievement in 1988 at Grades 4, 8, and 12.* Report No. 19-W-02. Applebee, Arthur N., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED318038.

*The Civics Report Card: Trends in Achievement From 1976 to 1988 at Ages 13 and 17 Achievement in 1988 at Grades 4, 8, and 12.* Anderson, Lee, et al. National Center for Education Statistics, Office of Educational Research and Improvement, Washington, DC. ERIC # ED315376. (This report card is also a trend report.)

*The Geography Learning of High School Seniors.* Allen, Russell, et al. National Center for Education Statistics, Office of Educational Research and Improvement, Washington, DC. ERIC # ED313317.

*The U.S. History Report Card. The Achievement of Fourth- Eighth- and Twelfth-Grade Students in 1988 and Trends From 1986 to 1988 in the Factual Knowledge of High-School Juniors.* Hammack, David C., et al. National Center for Education Statistics, Washington, DC. ERIC # ED315377. (This report card is also a trend report.)

*The Writing Report Card, 1984-88: Findings From the Nation's Report Card.* Applebee, Arthur N., et al. National Center for Education Statistics, Washington, DC. ERIC # ED315780.

1988 *Computer Competence: The First National Assessment.* Martinez, Michael E. and Nancy A. Mead. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED341375.

*Science Learning Matters: An Overview of the Science Report Card.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED406203.

*The Mathematics Report Card: Are We Measuring Up? Trends and Achievement Based on the 1986 National Assessment.* Dossey, John A., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton NJ. ERIC # ED300206. (This report card is also a trend report.)

*The Science Report Card: Elements of Risk and Recovery. Trends and Achievement Based on the 1986 National Assessment.* Mullis, Ina V. S. and Lynn B. Jenkins. ERIC # ED300265. (This report card is also a trend report.)

- 1987 *Grammar, Punctuation, and Spelling: Controlling the Conventions of Written English at Ages 9, 13, and 17. The Nation's Report Card.* Applebee, Arthur N., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED282928.

*Learning To Be Literate in America: Reading, Writing, and Reasoning. The Nation's Report Card.* Applebee, Arthur N., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED281162.

*Literature and U.S. History: The Instructional Experience and Factual Knowledge of High School Juniors. The Nation's Report Card.* Applebee, Arthur N., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED347095.

- 1985 *The Reading Report Card. Progress Toward Excellence in Our Schools.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED264550.

- 1986 *The Writing Report Card: Writing Achievement in American Schools.* Applebee, Arthur N., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED273994.

- 1983 *Citizenship and Social Studies Achievement of Young Americans: 1981–1982 Performance and Changes between 1976 and 1982.* Education Commission of the States, Denver, CO. ERIC # ED236247.

*Images of Science. A Summary of Results From the 1981–82 National Assessment in Science.* Hueftle, Stacey J., Steven J. Rakow, and Wayne W. Welch. National Science Foundation Grant # SED 8022125 A01 to the Minnesota Research and Evaluation Center.

*The Third National Mathematics Assessment: Results, Trends, and Issues. (1981–82 Assessment).* National Institute of Education, Washington, DC. ERIC # ED228049. (This report card is also a trend report.)

- 1982 *Reading Comprehension of American Youth: Do They Understand What They Read? Results From the 1979–80 National Assessment of Reading and Literature.* National Center for Education Statistics, Washington, DC. ERIC # ED217396.



- 1981 *Art and Young Americans, 1974–79: Results From the Second National Art Assessment*. National Center for Education Statistics, National Institute of Education, Washington, DC. ERIC # ED212538.
- Music 1971–79: Results From the Second National Music Assessment*. National Center for Education; National Institute of Education, Washington, DC. ERIC # ED210226.
- Reading, Thinking, and Writing: Results From the 1979–80 National Assessment of Reading and Literature*. National Center for Education Statistics, National Institute of Education, Washington, DC. ERIC # ED209641.
- 1980 *Writing Achievement, 1969–79: Results From the Third National Writing Assessment, Volume I—17 Year Olds*. National Center for Education Statistics, Washington, DC. ERIC # ED196042.
- Writing Achievement, 1969–79: Results From the Third National Writing Assessment, Volume II—13 Year Olds*. National Center for Education Statistics, Washington, DC. ERIC # ED196043.
- Writing Achievement, 1969–79: Results From the Third National Writing Assessment, Volume III—9 Year Olds*. National Center for Education Statistics, Washington, DC. ERIC # ED196044.
- 1979 *Attitudes Toward Science: A Summary of Results From the 1976–1977 National Assessment of Science*. Ward, Barbara. Education Commission of the States, Denver, CO. ERIC # ED177017.
- Basic Life Skills*. Technical Report No. 08–BLS–21. Education Commission of the States, Denver, CO. ERIC # ED177170.
- Mathematical Applications: Selected Results From the Second Assessment of Mathematics*. Ward, Barbara. Education Commission of the States, Denver, CO. ERIC # ED176965.
- Mathematical Knowledge and Skills: Selected Results From the Second Assessment of Mathematics*. Kahl, Stuart. Education Commission of the States, Denver, CO. ERIC # ED176964.
- Mathematical Understanding: Selected Results From the Second Assessment of Mathematics*. Kahl, Stuart. Education Commission of the States, Denver, CO. ERIC # ED182174.
- 1978 *Attitudes Toward Art. Selected Results From the First National Assessment of Art*. Education Commission of the States, Denver, CO. ERIC # ED166122.

*Basic Life Skills: Results Manual.* Package Nos. 12 through 17. National Center for Education Statistics, Washington, DC. ERIC # ED167602.

*Changes in Political Knowledge and Attitudes, 1969–1976. Selected Results From the Second National Assessments of Citizenship and Social Studies.* Education Commission of the States, Denver, CO. ERIC # ED166123.

*Changes in Social Studies Performance, 1972–1976. Selected Results From the Second Assessment of Social Studies.* National Center for Education Statistics, Washington, DC. ERIC # ED161791.

*Citizenship: An Overview, 1975–1976. Selected Results From the Second Assessment of Citizenship.* Report No. 07–C–00. National Center for Education Statistics, Washington, DC. ERIC # ED162957.

*Knowledge About Art. Selected Results From the First National Assessment of Art.* Education Commission of the States, Denver, CO. ERIC # ED151270.

*National Assessment's Consumer Skills Assessment.* Education Commission of the States, Denver, CO. ERIC # ED155116.

*Science Achievement in the Schools: A Summary of Results From the 1976–1977 National Assessment in Science.* Crane, Robert. Education Commission of the States, Denver, CO. ERIC # ED164337.

1977 *An Assessment of Career Development: Basic Work Skills.* Career and Occupational Development Report No. 05–COD–02. National Center for Education Statistics, Washington, DC. ERIC # ED135987.

*Design and Drawing Skills. Selected Results From the First National Assessment of Art, June 1977.* National Center for Education Statistics, Washington, DC. ERIC # ED141249.

*Explanatory and Persuasive Letter Writing: Selected Results From the Second National Assessment of Writing.* National Center for Education Statistics, Washington, DC. ERIC # ED135006.

*Guide for an Assessment of Basic Life Skills.* National Center for Education Statistics, Washington, DC. ERIC # ED139819.

*Write/Rewrite: An Assessment of Revision Skills; Selected Results From the Second National Assessment of Writing.* Education Commission of the States, Denver, CO. ERIC # ED141826.

1976 *Expressive Writing: Selected Results From the Second National Assessment of Writing.* National Center for Education Statistics, Washington, DC. ERIC # ED130312.

*Functional Literacy: Basic Reading Performance; A Brief Summary and Highlights of an Assessment of 17-Year-Old Students in 1974 and 1975.* Gadway, Charles J. and H. A. Wilson. Education Commission of the States, Denver, CO. ERIC # ED133704.

*Reading in America: A Perspective on Two Assessments.* Education Commission of the States, Denver, CO. ERIC # ED128785.

*The First National Assessment of Career and Occupational Development: An Overview.* Career and Occupational Development Report No. 05–COD–00. National Center for Education Statistics, Washington, DC. ERIC # ED137604.

1975 *Consumer Math: Selected Results From the First National Assessment of Mathematics.* Carnegie Foundation, New York; Ford Foundation and National Center for Education Statistics, Washington, DC. ERIC # ED111696.

*Math Fundamentals: Selected Results From the First National Assessment of Mathematics.* Carnegie Foundation, New York; Ford Foundation and National Center for Education Statistics, Washington, DC. ERIC # ED102029.

*National Assessment of Educational Progress. A Project of the Education Commission of the States: 1972–73 National Assessment of Mathematics.* Education Commission of the States, Denver, CO.

*National Assessment of Educational Progress. Selected Results From the National Assessments of Science: Attitude Questions.* National Center for Education Statistics, Washington, DC. ERIC # ED127200.

*National Assessment of Educational Progress. Selected Results From the National Assessments of Science: Energy Questions.* National Center for Education Statistics, Washington, DC. ERIC # ED127203.

*National Assessment of Educational Progress. The First National Assessment of Mathematics: An Overview.* National Center for Education Statistics, Washington, DC. ERIC # ED127198.

*Selected Results From the National Assessments of Science: Scientific Principles and Procedures.* Carnegie Foundation, New York; Ford Foundation and National Center for Education Statistics, Washington, DC. ERIC # ED111693.

1974 *A Perspective on the First Music Assessment. National Assessment of Education Progress Report No. 03–MU–02.* Rivas, Frank W. Carnegie Foundation, New York; Ford Foundation and National Center for Education Statistics, Washington, DC. ERIC # ED097276.

*Associations Between Educational Outcomes and Background Variables: A Review of Selected Literature.* Appendix. Bryant, Edward C., et al. Education Commission of the States, Denver, CO. ERIC # ED096349.

*Contemporary Social Issues. National Assessment of Educational Progress: Social Studies.* Report No. 03–SS–02. Crane, Robert. Education Commission of the States, Denver, CO. ERIC # ED097271.

*Reading: Summary Data.* Report No. 02–R–00. National Assessment of Educational Progress. Education Commission of the States, Denver, CO.

*The First Music Assessment: An Overview. National Assessment of Educational Progress.* Report No. 03–MU–00. Rivas, Frank W. Carnegie Foundation, New York; Ford Foundation and National Center for Education Statistics, Washington, DC. ERIC # ED097275.

*The First National Assessment of Musical Performance.* Report No. 03–MU–01. Education Commission of the States, Denver, CO. ERIC # ED155126.

*The First Social Studies Assessment: An Overview. National Assessment of Educational Progress.* Report No. 03–SS–00. Crane, Robert. National Center for Education Statistics, Washington, DC. ERIC # ED095060.

1973 *A Survey of Reading Habits: Theme 4, Literature.* Johnson, Simon. Education Commission of the States, Denver, CO. ERIC # ED078366.

*Critical Reading: Theme 8, Reading.* Gadway, Charles J., Ed. Education Commission of the States, Denver, CO. ERIC # ED078387.

*Drawing Inferences: Theme 7, Reading.* Gadway, Charles J. Education Commission of the States, Denver, CO. ERIC # ED083533.

*Gleaning Significant Facts From Passages: Theme 5, Reading.* Gadway, Charles J. Education Commission of the States, Denver, CO. ERIC # ED078360.

*Graphic Materials: Theme 2, Reading.* Education Commission of the States, Denver, CO. ERIC # ED078384.

*Main Ideas and Organization: Theme 6, Reading.* Gadway, Charles J. Education Commission of the States, Denver, CO. ERIC # ED079688.

*National Assessment of Educational Progress, Report 7, Science: Group and Balanced Group Results for Color, Parental Education, Size and Type of Community, and Balanced Group Results for Region of the Country and Sex.* Education Commission of the States, Denver, CO. ERIC # ED081638.

*Recognizing Literary Works and Characters: Theme 3, Literature.* Education Commission of the States, Denver, CO. ERIC # ED078425.

*Reference Materials: Theme 4, Reading.* Gadway, Charles J. Education Commission of the States, Denver, CO. ERIC # ED079687.

*Responding to Literature: Theme 2, Literature.* Brown, Rexford G. Education Commission of the States, Denver, CO. ERIC # ED077020.

*Understanding Imaginative Language: Theme 1 of the National Assessment of Literature.* Brown, Rexford G. Education Commission of the States, Denver, CO. ERIC # ED077002.

*Understanding Words and Word Relationships: Theme 1 of the National Assessment of Reading.* Gadway, Charles J. Education Commission of the States, Denver, CO. ERIC # ED077021.

*Writing: Group Results A and B for Objectively Scored Exercises, 1969–1970 Assessment, National Results by Region, Sex, Color, Size and Type of Community, and Parental Education.* Knapp, John V. and Henry B. Slotnick. National Center for Education Statistics, Washington, DC. ERIC # ED077029.

*Written Directions: Theme 3, Reading.* Gadway, Charles J., Ed. Education Commission of the States, Denver, CO. ERIC # ED083572.

1972 *Highlights of the First National Assessment of Literature.* Education Commission of the States, Denver, CO. ERIC # ED072461.

*National Assessment of Educational Progress. Citizenship: Group Results B. Preliminary Report 9. 1969–1970 Assessment. Parental Education, Color, Size and Type of Community.* Norris, Eleanor L., et al. Education Commission of the States, Denver, CO. ERIC # ED068407.

*Reading Rate and Comprehension: 1970–71 Assessment.* Gallo, Donald J. Education Commission of the States, Denver, CO. ERIC # ED076934.

*Reading: Summary. National Assessment of Educational Progress. A Project of the Education Commission of the States.* Report No. 02–R–00. National Institute of Education, Washington, DC; Carnegie Foundation, New York. ERIC # ED067654.

*Writing: National Results—Writing Mechanics.* National Center for Education Statistics, Washington, DC. ERIC # ED062325.

1971 *National Assessment of Educational Progress. 1969–1970 Citizenship: Group Results for Sex, Region, and Size of Community. National Assessment Report 6.* Campbell, Vincent N., et al. Education Commission of the States, Denver, CO. ERIC # ED063196.

*National Assessment of Educational Progress. 1969–1970 Science: Group and Balanced Group Results for Color, Parental Education, Size and Type of Community, and Balanced Group Results for the Region of the Country and Sex. National Assessment Report 7.* National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED067220.

*National Assessment of Educational Progress. 1969–1970 Writing: Group Results for Sex, Region, and Size of Community (Preliminary Report).* Norris, Eleanor L., et al. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED051246.

*National Assessment Report 4, 1969–1970 Science: Group Results for Sex, Region, and Size of Community.* Tukey, John W., et al. Education Commission of the States, Denver, CO. ERIC # ED063101.

1970 *National Assessment of Educational Progress. 1969–1970 Writing: National Results.* Norris, Eleanor L., et al. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED051245.

*National Assessment of Educational Progress. Citizenship: National Results. Report 2.* Education Commission of the States, Denver, CO. ERIC # ED049113.

*National Assessment of Educational Progress. Summary of Report 1—Science: National Results.* July 1970. Dochterman, Clifford L. Education Commission of the States, Denver, CO. ERIC # ED043099.

*National Assessment of Educational Progress, Report 1—Science: National Results. Observations and Commentary of a Panel of Reviewers.* National Institute of Education, Washington, DC. ERIC # ED055785.

*National Assessment of Educational Progress. Report 1—Science: National Results and Illustrations of Group Comparisons.* Norris, Eleanor L. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED055786.

*National Assessment of Educational Progress. Summary of Report 1—Citizenship: National Results—Partial.* July, 1970. Dochterman, Clifford L. Education Commission of the States, Denver, CO. ERIC # ED043098.

*National Assessment of Educational Progress. Summary of Report 2—Citizenship: National Results—Partial. Observations and Commentary of a Panel of Reviewers.* Carnegie Corporation, New York; National Center for Educational Research and Development, Washington, DC. ERIC # ED049112.

### **Long-Term Trend Reports**

1997 *NAEP 1996 Trends in Academic Progress.* National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

- 1996 *NAEP 1994 Trends in Academic Progress: Achievement of U.S. Students in Science, 1969 to 1994, Mathematics, 1973 to 1994, Reading, 1971 to 1994, Writing, 1984 to 1994.* Campbell, Jay R., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00955-2) \$46. <http://nces.ed.gov/naep>.
- 1994 *NAEP 1992 Trends in Academic Progress: Achievement of U.S. Students in Science 1969 to 1992, Mathematics, 1973 to 1992, Reading, 1971 to 1992, Writing, 1984 to 1992.* Mullis, Ina V. S., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00672-3) \$41. ERIC # ED378237.
- 1991 *Trends in Academic Progress: Achievement of American Students in Science, 1970-90, Mathematics, 1973-90, Reading, 1971-90, and Writing, 1984-90. Data Summary.* Owen, Eugene H., Comp. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED340751.
- Trends in Academic Progress: Achievement of U.S. Students in Science, 1969-70 to 1990; Mathematics, 1973 to 1990; Reading, 1971 to 1990; and Writing, 1984 to 1990.* Mullis, Ina V. S., et al. National Center for Education Statistics, Washington, DC. ERIC # ED338720.
- 1990 *The Civics Report Card: Trends in Achievement From 1976 to 1988 at Ages 13 and 17 Achievement in 1988 at Grades 4, 8, and 12.* Anderson, Lee, et al. National Center for Education Statistics, Office of Educational Research and Improvement, Washington, DC. ERIC # ED315376. (This trend report is also a report card.)
- The Reading Report Card, 1971-88: Trends From the Nation's Report Card.* Mullis, Ina V. S. and Lynn B. Jenkins. National Center for Education Statistics, Washington, DC. ERIC # ED315728.
- The U.S. History Report Card. The Achievement of Fourth-, Eighth-, and Twelfth-Grade Students in 1988 and Trends From 1986 to 1988 in the Factual Knowledge of High School Juniors.* Hammack, David C., et al. National Center for Education Statistics, Washington, DC. ERIC # ED315377. (This trend report is also a report card.)
- 1988 *The Mathematics Report Card: Are We Measuring Up? Trends and Achievement Based on the 1986 National Assessment.* Dossey, John A., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton NJ. ERIC # ED300206. (This trend report is also a report card.)
- The Science Report Card: Elements of Risk and Recovery. Trends and Achievement Based on the 1986 National Assessment.* Mullis, Ina V. S. and Lynn B. Jenkins. ERIC # ED300265. (This trend report is also a report card.)

- 1986 *Writing Trends Across the Decade, 1974–1984*. Applebee, Arthur N., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED273680.
- 1985 *The Reading Report Card: Progress Towards Excellence in Our Schools. Trends in Reading Over Four National Assessments, 1971–1984*. Report No. 15–R–01. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED264550.
- 1983 *The Third National Mathematics Assessment: Results, Trends, and Issues. (1981–82 Assessment.)* National Institute of Education, Washington, DC. ERIC # ED228049. (This trend report is also a report card.)
- 1982 *Reading, Science and Mathematics Trends. A Closer Look*. Holmes, Barbara J., et al. Education Commission of the States, Denver, CO. ERIC # ED227159.
- 1981 *Three National Assessments of Reading Changes in Performance, 1970–80*. Education Commission of the States, Denver, CO. ERIC # ED200898.
- 1979 *Changes in Mathematical Achievement, 1973–78: Results From the Second Assessment of Mathematics*. Ward, Barbara. Education Commission of the States, Denver, CO. ERIC # ED177011.
- 1978 *Citizenship/Social Studies Achievement: Trends Over Time*. Mullis, Ina V. S. Education Commission of the States, Denver, CO. ERIC # ED153906.
- Reading Change, 1970–75: Summary Volume*. Reading Report No. 06–R–21. Education Commission of the States, Denver, CO. ERIC # ED153196.
- Three National Assessments of Science: Changes in Achievement, 1969–77. Selected Results From the Third National Assessment of Science*. Education Commission of the States, Denver, CO. ERIC # ED159026.
- 1976 *Highlights and Trends From National Assessment: Changes in Reading Achievement, 1970–1975*. Oldefendt, Susan J. Education Commission of the States, Denver, CO. ERIC # ED128766.
- Highlights and Trends From National Assessment: Writing and Change in Writing Skills*. Mullis, Ina V. S. Education Commission of the States, Denver, CO. ERIC # ED128814.
- National Assessment of Educational Progress. Highlights and Trends From National Assessment: Changes in Science Achievement, 1969–1973*. Sauls, Judith M. Education Commission of the States, Denver, CO. ERIC # ED127202.
- Science Achievement: Racial and Regional Trends, 1969–1973*. National Center for Education Statistics, Washington, DC. ERIC # ED127143.



1975 *National Assessment of Educational Progress. Changes in Science Performance, 1969–1973: Exercise Volume.* National Center for Education Statistics, Washington, DC. ERIC # ED127199.

*National Assessments of Science, 1969 and 1973: A Capsule Description of Changes in Science Achievement.* National Assessment of Educational Progress. Carnegie Foundation, New York; Ford Foundation and National Center for Education Statistics, Washington, DC. ERIC # ED104723.

*Stability of Nominal Categories Over Readers, Over Time.* Phillips, Donald L. et al. Education Commission of the States, Denver, CO. ERIC # ED110494.

*Writing Mechanics, 1969–1974: A Capsule Description of Changes in Writing Mechanics.* National Center for Education Statistics, Washington, DC. ERIC # ED113736.

### Other National Reports

1998 *Linking the National Assessment of Educational Progress (NAEP) and the Third International Mathematics and Science Study (TIMSS): Eighth-Grade Results.* Johnson, Eugene G. and Adriane Siegendorf. NCES # 98–500. <http://nces.ed.gov/naep>.

1997 *The 1994 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1994, 1990, 1987, and 1982 High School Graduates.* Legum, Stanley, et al. NCES # 98–532. <http://nces.ed.gov/naep>.

1993 *A Preliminary Report of National Estimates From the National Assessment of Education Progress, 1992 Mathematics Assessment.* Elliott, Emerson J., Comp. National Center for Education Statistics, Washington, DC. ERIC # ED351397.

1992 *The 1990 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1990, 1987, and 1982 High School Graduates.* National Center for Education Statistics, Washington, DC. ERIC # ED360375.

1991 *Profile: Student Characteristics From the 1986 and 1988 NAEP Assessments.* Martinez, Michael E. and Colleen M. Lahart. National Center for Education Statistics, Washington, DC. ERIC # ED383718.

1990 *Accelerating Academic Achievement: America's Challenge. A Summary of Findings From 20 Years of NAEP.* Mullis, Ina V. S. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED325500.

*The Effects of Changes in the National Assessment: Disentangling the NAEP 1985–86 Reading Anomaly.* Beaton, Albert E. and Rebecca Zwick. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED322216.

- 1989 *High School Transcript Study, 1987*. Contractor Report. Thorne, Judy, et al. National Center for Education Statistics, Washington, DC. ERIC # ED315450.
- 1988 *Who Reads Best? Factors Related to Reading Achievement in Grades 3, 7, and 11*. Applebee, Arthur N. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED404626.
- 1986 *A Pilot Study of Higher Order Thinking Skills: Assessment Techniques in Science and Mathematics—Part I and Pilot-Tested Tasks—Part II. Final Report*. Blumberg, Fran, et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED278718.

*Foundations of Literacy: A Description of the Assessment of a Basic Knowledge of United States History and Literature*. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED274684.

*Literacy: Profiles of America's Young Adults*. Final Report. Kirsch, Irwin S. and Ann Jungeblut. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED275701.

- 1985 *Profiles of Literacy, An Assessment of Young Adults*. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED263193.

*Science Indicators From National Assessment and Other Sources. National Assessment of Educational Progress. Part 2: Analysis of National Assessment Results and Related Data*. Final Report. Hilton, Thomas L., et al. Educational Testing Service, Princeton, NJ. ERIC # ED266966.

- 1982 *Achievement and the Three R's: A Synopsis of National Assessment Findings in Reading, Writing and Mathematics*. Barrow, Kay, et al. Education Commission of the States, Denver, CO. ERIC # ED223658.

- 1980 *What Do Young Adults Know About Science? Some Results From Two National Assessments*. Holmes, Barbara J. and David Wright. Education Commission of the States, Denver, CO. ERIC # ED184820.

- 1979 *Adult Work Skills and Knowledge. Selected Results From the First National Assessment of Career and Occupational Development*. Career and Occupational Development Report No. 05-COD-01. National Center for Education Statistics, Washington, DC. ERIC # ED130079.

*Consumer Skills: Results Manual*. Education Commission of the States, Denver, CO. ERIC # ED197137.

*Exercise Administrator Administrative Instructions for Age Classes 1, 2, & 3. Year 11, October 1979–May 1980*. Education Commission of the States, National Assessment of Educational Progress, Denver, CO. ERIC # ED206669.

*National Assessment of Educational Progress DS (District Supervisor) Training Manual, Year 11.* Education Commission of the States, National Assessment of Educational Progress, Denver, CO. ERIC # ED206668.

*Sex Differences in Artistic Achievement: A National Study.* No. 06–A–51. Knight, Sarah S. Education Commission of the States, Denver, CO. ERIC # ED193314.

*Summaries and Technical Documentation for Performance Changes in Citizenship and Social Studies Assessments, 1969–76.* National Center for Education Statistics, Washington, DC. ERIC # ED168922.

- 1978 *A Handbook of the Mini-Assessment of Functional Literacy—1974 and 1975 Functional Literacy Basic Reading Performance.* Gadway, Charles J. and H. A. Wilson. Education Commission of the States, Denver, CO. ERIC # ED134951.

*Checkup: A National Assessment of Health Awareness Among 17-Year-Olds and Young Adults.* Report No. 08–H–01. National Center for Education Statistics, Washington, DC. ERIC # ED160604.

*Energy: Knowledge and Attitudes, A National Assessment of Awareness Among Young Adults.* Holmes, Barbara. Education Commission of the States, Denver, CO. ERIC # ED166017.

*The 3rd National Assessment of Reading and Literature Versus Norm- and Criterion-Referenced Testing.* Petrosky, Anthony R. Education Commission of the States, Denver, CO. ERIC # ED159599.

- 1977 *Hispanic Student Achievement in Five Learning Areas: 1971–75.* National Assessment of Educational Progress Report No. BR–2, May 1977. Crane, Robert. Education Commission of the States, Denver, CO. ERIC # ED138414.

*National Assessment of Educational Progress. Changes in Science Performance, 1969–73: Exercise Volume. Appendix—Volume II.* National Center for Education Statistics, Washington, DC. ERIC # ED139666.

- 1976 *Education for Citizenship: A Bicentennial Survey.* Citizenship/Social Studies Report. Education Commission of the States, Denver, CO. ERIC # ED135705.

*Social Studies Skills and National Assessment.* Cousins, Jack. Education Commission of the States, Denver, CO. ERIC # ED141237.

*Statistical Documentary Report, 1974 and 1975 Assessments of 17-Year-Old Students, Summary Volume; Functional Literacy Basic Reading Performance.* Gadway, Charles J. and H. A. Wilson. Education Commission of the States, Denver, CO. ERIC # ED134954.

- 1975 *National Assessment and Social Studies Education: A Review of Assessments in Citizenship and Social Studies by the National Council for the Social Studies.* Fair, Jean, Ed. Education Commission of the States, Denver, CO. ERIC # ED111748.

*National Assessment and the Teaching of English. Results of the First National Assessment of Educational Progress in Writing, Reading, and Literature—Implications for Teaching and Measurement in the English Language Arts.* Mellon, John C. National Institute of Education, Washington, DC. ERIC # ED112427.

- 1974 *A Review of Assessments in Citizenship and Social Studies by the National Council for the Social Studies—National Assessment and Social Studies: The Setting.* Fair, Jean. Education Commission of the States, Denver, CO. ERIC # ED100739.

*An Analysis of a Selected Set of Exercises From the National Assessment of Educational Progress, Social Studies 1971–1972: Knowledge of Institutions—Task 3. Final Report.* Cox, Benjamin C. Education Commission of the States, Denver, CO. ERIC # ED100742.

*Dissemination—Task 5 and Social Studies Educators Rate the NAEP Social Studies Exercises—Task 6. Final Reports.* Fair, Jean and June Chapin. Education Commission of the States, Denver, CO. ERIC # ED100746.

*National Assessment Achievements: Findings, Interpretations, and Uses.* Report No. 48. Vandermyn, Gaye. Education Commission of the States, Denver, CO. ERIC # ED097348.

- 1973 *Critique of NAEP Objectives: Citizenship and Social Studies and Critique of NAEP Procedures—Task 1. Final Report, Parts 1 and 2.* Larkins, Guy A. Education Commission of the States, Denver, CO. ERIC # ED100740.

*Literature: Summary Data.* Brown, Rexford G. National Center for Education Statistics, Washington, DC. ERIC # ED079685.

*Political Knowledge and Attitudes, 1971–1972. A Special Social Studies Report From the National Assessment of Educational Progress.* Marriner, Gerald L. and Robert Crane. Education Commission of the States, Denver, CO. ERIC # ED091300.

*Potential Uses of the National Assessment Model at the State and Local Levels—Task 4. Final Report.* Taylor, Bob L. National Council for the Social Studies, Washington, DC. ERIC # ED100743.

*Validity of Social Studies and Citizenship Exercising—Task 2. Final Report.* Hunkins, Francis P. Education Commission of the States, Denver, CO. ERIC # ED100741.

- 1972 *Selected Essays and Letters: A Selection of Papers Collected During the 1969–1970 Assessment of Writing.* Report 10. Slotnick, Henry B., Comp. Education Commission of the States, Denver, CO. ERIC # ED075822.



# S tate Reports

In addition to providing results for the nation, the NAEP program provides a state component. Jurisdictions that choose to participate have a representative sample of their students assessed. State reports, customized for each participating jurisdiction, are intended for state policymakers, state departments of education, and chief state school officers and highlight the results for each jurisdiction. Cross-state data compendia, first produced for the state reading assessments in 1994, are designed for researchers and state testing directors. They serve as reference documents that accompany other reports. The compendia present state-by-state results for the variables discussed in the state reports. NAEP reports are available for jurisdictions participating in each referenced assessment. Reports for states, U.S. territories, and the U.S. Department of Defense can be obtained from the National Library of Education at 1-800-424-1616.

## State, U.S. Territory, and U.S. Department of Defense Reports

1997 *NAEP 1996 Science State Reports*. (Revised December 1997) Available on the NCES Web site: <http://nces.ed.gov/naep>.

Alabama	Iowa	New Mexico
Alaska	Kentucky	North Carolina
Arizona	Louisiana	North Dakota
Arkansas	Maine	Oregon
California	Maryland	Rhode Island
Colorado	Massachusetts	South Carolina
Connecticut	Michigan	Tennessee
DDES Domestic	Minnesota	Texas
Delaware	Mississippi	Utah
District of Columbia	Missouri	Vermont
DoDDS International	Montana	Virginia
Florida	Nebraska	Washington
Georgia	Nevada	West Virginia
Guam*	New Hampshire	Wisconsin
Hawaii	New York	Wyoming
Indiana		

\* U.S. territory.

1997 *NAEP 1996 Mathematics State Report (Grades 4 and 8); NAEP 1996 Science State Report (Grade 8)*. Available on the NCES Web site: <http://nces.ed.gov/naep>.

Alabama	Iowa	North Carolina
Alaska	Kentucky	North Dakota
Arizona	Louisiana	Oregon
Arkansas	Maine	Pennsylvania
California	Maryland	Rhode Island
Colorado	Massachusetts	South Carolina
Connecticut	Michigan	Tennessee
DDESS**	Minnesota	Texas
Delaware	Mississippi	Utah
District of Columbia	Missouri	Vermont
DoDDS***	Montana	Virginia
Florida	Nebraska	Washington
Georgia	Nevada	West Virginia
Guam*	New Jersey	Wisconsin
Hawaii	New Mexico	Wyoming
Indiana	New York	

1995 *NAEP 1994 Reading State Report (Grade 4)*. Available on the NCES Web site: <http://nces.ed.gov/naep>.

Alabama	Iowa	New York
Arizona	Kentucky	North Carolina
Arkansas	Louisiana	North Dakota
California	Maine	Pennsylvania
Colorado	Maryland	Rhode Island
Connecticut	Massachusetts	South Carolina
Delaware	Michigan	Tennessee
District of Columbia	Minnesota	Texas
DoDEA Overseas****	Mississippi	Utah
Florida	Missouri	Virginia
Georgia	Montana	Washington
Guam*	Nebraska	West Virginia
Hawaii	New Hampshire	Wisconsin

\* U.S. territory.

\*\* Defense Domestic Dependent Elementary and Secondary schools.

\*\*\* Department of Defense Dependents Schools (Grades 4 and 8).

\*\*\*\* Department of Defense Education Activity.

Idaho  
Indiana

New Jersey  
New Mexico

Wyoming

1993 *NAEP 1992 Mathematics State Report (Grade 8). NAEP 1992 Reading State Report (Grades 4 and 8).*

Alabama  
Arizona  
Arkansas  
California  
Colorado  
Connecticut  
Delaware  
District of Columbia  
Florida  
Georgia  
Guam\*  
Hawaii  
Idaho  
Indiana  
Iowa

Kentucky  
Louisiana  
Maine  
Maryland  
Massachusetts  
Michigan  
Minnesota  
Mississippi  
Missouri  
Nebraska  
New Hampshire  
New Jersey  
New Mexico  
New York  
North Carolina

North Dakota  
Ohio  
Oklahoma  
Pennsylvania  
Rhode Island  
South Carolina  
Tennessee  
Texas  
Utah  
Virgin Islands\*  
Virginia  
West Virginia  
Wisconsin  
Wyoming

1991 *NAEP 1990 State of Mathematics Achievement Report (Grade 8).*

Alabama: ERIC # ED330547  
Arizona: ERIC # ED330548  
Arkansas: ERIC # ED330549  
California: ERIC # ED330550  
Colorado: ERIC # ED330551  
Connecticut: ERIC # ED330552  
Delaware: ERIC # ED330553  
District of Columbia: ERIC # ED330554  
Florida: ERIC # ED330555  
Georgia: ERIC # ED330556  
Guam\*: ERIC # ED330585  
Hawaii: ERIC # ED330557  
Idaho: ERIC # ED330558  
Illinois: ERIC # ED330559  
Indiana: ERIC # ED330560  
Iowa: ERIC # ED330561

Minnesota: ERIC # ED330566  
Montana: ERIC # ED330567  
Nebraska: ERIC # ED330568  
New Hampshire: ERIC # ED330569  
New Jersey: ERIC # ED330570  
New Mexico: ERIC # ED330571  
New York: ERIC # ED330572  
North Carolina: ERIC # ED330573  
North Dakota: ERIC # ED330574  
Ohio: ERIC # ED330575  
Oklahoma: ERIC # ED330576  
Oregon: ERIC # ED330577  
Pennsylvania: ERIC # ED330578  
Rhode Island: ERIC # ED330579  
Texas: ERIC # ED330580  
Virgin Islands\*: ERIC # ED330586

\* U.S. territory.

Kentucky: ERIC # ED330562  
Louisiana: ERIC # ED330563  
Maryland: ERIC # ED330564  
Michigan: ERIC # ED330565

Virginia: ERIC # ED330581  
West Virginia: ERIC # ED330582  
Wisconsin: ERIC # ED330583  
Wyoming: ERIC # ED330584

*The LEVELS of Mathematics Assessment: Initial Performance Standards for the 1990 NAEP Mathematics Achievement: Volume I, National and State Summaries.* National Assessment Governing Board, Washington, DC. Bourque, Mary Lyn and Howard H. Garrison. ERIC # ED342685.

*The LEVELS of Mathematics Assessment: Initial Performance Standards for the 1990 NAEP Mathematics Achievement: Volume II, State Results for Released Items.* National Assessment Governing Board, Washington, DC. ERIC # ED342686

*The LEVELS of Mathematics Assessment: Initial Performance Standards for the 1990 NAEP Mathematics Achievement: Volume III, National and State Summaries.* National Assessment Governing Board, Washington, DC. Hambleton, Ronald K. and Mary Lyn Bourque. ERIC # ED342687.

- 1980 *Student Writing, 1980: A Description of the Writing Abilities of 9-, 13-, and 17-Year-Olds Enrolled in the Department of Defense Dependents Schools.* Education Commission of the States, Denver, CO ERIC # ED198155.

### **Cross-State Data Compendia**

- 1997 *NAEP 1996 Mathematics Cross-State Data Compendium for Grade 4 and Grade 8 Assessment.* Shaughnessy, Catherine A., Jennifer E. Nelson, and Norma A. Norris. NCES # 98-481. <http://nces.ed.gov/naep>

*NAEP 1996 Science Cross-State Data Compendium for the Grade 8 Assessment.* Keiser, Kellie N., Jennifer E. Nelson, Norma A. Norris, and Stephen Szyszkiewicz. NCES # 98-482. <http://nces.ed.gov/naep>.

- 1995 *Cross-State Data Compendium for the NAEP 1994 Grade 4 Reading Assessment: Findings From the Trial State Assessment in Reading of the National Assessment of Educational Progress.* Miller, Karen E., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00846-7) \$12. ERIC # ED388963.
- 1994 *Data Compendium for the NAEP 1992 Mathematics Assessment of the Nation and the States.* National Center for Education Statistics, Washington, DC. GPO (065-000-00568-9) \$22. ERIC # ED405200.





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## Abbreviated Documents

*Data Compendium for the NAEP 1992 Reading Assessment of the Nation and the States.* National Center for Education Statistics, Washington, DC. GPO (065-000-00665-1) \$37. ERIC # ED371344.

NAEP provides a variety of short publications that highlight significant findings and current topics relevant to NAEP data. These documents include such pieces as *Executive Summaries* (which provide brief synopses of larger), companion reports, and *NAEP Facts* (which summarize the most recent NAEP results in four to six pages). Abbreviated documents usually contain less technical information than other reports and are designed for teachers, parents, school administrators, education associations, and other interested citizens.

### Popular Reports

1997 *Arts Education: Highlights of the NAEP 1997 Arts Assessment Results.* National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

### A First Look

1995 *NAEP 1994 Geography: A First Look—Findings From the National Assessment of Educational Progress.* Williams, Paul L., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-000821-1) \$5. ERIC # ED389665. <http://nces.ed.gov/naep>.

1994 *NAEP 1994 Reading: A First Look—Findings From the National Assessment of Educational Progress.* Revised Edition. Williams, Paul L., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00829-7) \$4.75. ERIC # ED391157. <http://nces.ed.gov/naep>.

*NAEP Reading: A First Look—Findings From the National Assessment of Educational Progress.* Williams, Paul L., et al. National Center for Education Statistics, Washington, DC. ERIC # ED381749.

*NAEP U.S. History: A First Look—Findings From the National Assessment of*

*Educational Progress, 1994.* Williams, Paul L., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00824-6) \$4.50.  
ERIC # ED389666. <http://nces.ed.gov/naep>.

### Report in Brief

1997 *Report in Brief: NAEP 1996 Trends in Academic Progress.* Campbell, Jay R., Kristin E. Voelkl and Patricia L. Donahue. National Center for Education Statistics, Washington, DC. NCES # 97-986. <http://nces.ed.gov/naep>.

1996 *Report in Brief: NAEP 1994 Trends in Academic Progress.* Campbell, Jay R., et al. National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

1995 *NAEP Trends in Academic Progress. Achievement of U.S. Students in Science, 1969 to 1992, Mathematics, 1973 to 1992, Reading, 1971 to 1992, Writing, 1984 to 1992.* Report in Brief. Mullis, Ina V. S., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00671-5) \$2.25. ERIC # ED375172.

*Report in Brief: A Synthesis of Data From NAEP's 1992 Integrated Reading Performance Record at Grade 4.* Campbell, Jay R. National Center for Education Statistics, Washington, DC. GPO (065-000-00730-4) \$2. ERIC # ED378551.

### Executive Summaries

1993 *Executive Summary of the NAEP 1992 Mathematics Report Card for the Nation and the States.* Dossey, John A., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00558-1) \$2.25.

*Executive Summary of the NAEP 1992 Reading Report Card for the Nation and the States.* Mullis, Ina V. S. National Center for Education Statistics, Washington, DC. GPO (065-000-00598-1) \$3. ERIC # ED400531.

1991 *The State of Mathematics Achievement: NAEP's 1990 Assessment of the Nation and the Trial State Assessment of the States.* Executive Summary. Mullis, Ina V. S., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED330546.

1989 *Crossroads in American Education: A Summary of Findings. The Nation's Report Card.* Applebee, Arthur N., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED309178.

1988 *Mathematics: Are We Measuring Up? The Mathematics Report Card, Executive Summary.* Dossey, John A., et al. Educational Testing Service, National Assessment of Educational Progress, Princeton NJ. ERIC # ED300207.

### At a Glance

1996 *Results From the NAEP 1994 Geography Assessment—At a Glance.* National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

*Results From the NAEP 1994 Reading Assessment—At a Glance.* National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

*Results From the NAEP 1994 U.S. History Assessment—At a Glance.* National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

### Focus on NAEP

1998 *Focus on NAEP: The NAEP 1997 Arts Education Assessment: An Overview, 2(4).* White, Sheida and Alan Vanneman. National Center for Education Statistics, Washington, DC; Education Statistics Services Institute, Washington, DC. NCES # 98–527. <http://nces.ed.gov/naep>.

*Focus on NAEP: NAEP and Dance: Framework and Field Test, 3(1).* White, Sheida and Alan Vanneman. National Center for Education Statistics, Washington, DC; Education Statistics Services Institute, Washington, DC. NCES # 98–459. <http://nces.ed.gov/naep>.

*Focus on NAEP: NAEP and Music: Framework, Field Test, and Assessment, 3(2).* White, Sheida and Alan Vanneman. National Center for Education Statistics, Washington, DC; Education Statistics Services Institute, Washington, DC. NCES # 98–529. <http://nces.ed.gov/naep>.

*Focus on NAEP: NAEP and Theatre: Framework, Field Test, and Assessment, 3(3).* White, Sheida and Alan Vanneman. National Center for Education Statistics, Washington, DC; Education Statistics Services Institute, Washington, DC. NCES # 98–528. <http://nces.ed.gov/naep>.

*Focus on NAEP: NAEP and the Visual Arts: Framework, Field Test, and Assessment, 3(4).* White, Sheida and Alan Vanneman. National Center for Education Statistics, Washington, DC; Education Statistics Services Institute, Washington, DC. NCES # 98–526. <http://nces.ed.gov/naep>.

1997 *Focus on NAEP: New Software Makes NAEP Data User-Friendly.* Vanneman, Alan. National Center for Education Statistics, Washington, DC. NCES # 97–045. <http://nces.ed.gov/naep>.

1996 *Focus on NAEP: Increasing the Inclusion of Students With Disabilities and Limited English Proficient Students in NAEP, 2(1).* Olson, John F. and Arnold A. Goldstein. National Center for Education Statistics, Washington, DC. ERIC # ED400339. <http://nces.ed.gov/naep>.

*Focus on NAEP: NAEP on the NET <http://nces.ed.gov/naep/>, 2(2).* Clemons, Bob and Alan Vanneman. National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

1995 *Focus on NAEP: 1994 NAEP Assessment in U.S. History, 1(3).* White, Sheida

and Sahar Akhtar. National Center for Education Statistics, Washington, DC. ERIC # ED389664. <http://nces.ed.gov/naep>.

*Focus on NAEP: NAEP Assessment in Geography*. White, Sheida and Christine O'Sullivan. National Center for Education Statistics, Washington, DC. ERIC # ED391776. <http://nces.ed.gov/naep>.

- 1994 *Focus on NAEP: NAEP Assessment in Reading, 1994, 1(1)*. White, Sheida and Barbara Kapinus. National Center for Education Statistics, Washington, DC. ERIC # ED366915. <http://nces.ed.gov/naep>.

*Focus on NAEP: The 1994 NAEP Teacher Background Questionnaire, 1(2)*. White, Sheida. National Center for Education Statistics, Washington, DC. ERIC # ED376172. <http://nces.ed.gov/naep>.

### **NAEPFacts**

- 1998 *NAEPFacts—Long-Term Trends in Student Mathematics Performance*. Vanneman, Alan. NCES # 98-462. <http://nces.ed.gov/naep>.

*NAEPFacts—Long-Term Trends in Student Reading Performance*. Vanneman, Alan. NCES # 98-464. <http://nces.ed.gov/naep>.

*NAEPFacts—Long-Term Trends in Student Science Performance*. Vanneman, Alan. NCES # 98-465. <http://nces.ed.gov/naep>.

*NAEPFacts—Long-Term Trends in Student Writing Performance*. Vanneman, Alan. NCES # 98-468. <http://nces.ed.gov/naep>.

- 1997 *NAEPFacts—Good Study Habits and Academic Performance: Findings From the NAEP 1994 U.S. History and Geography Assessments*. Vanneman, Alan. National Center for Education Statistics, Washington, DC. NCES # 97-931. <http://nces.ed.gov/naep>.

*NAEPFacts—Reading Assessment in the Nation's 4th and 8th Grade Classrooms*. Campbell, Jay. National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

- 1996 *NAEPFacts—Can Students Benefit From Process Writing?, 1(3)*. Goldstein, Arnold and Peggy Carr. National Center for Education Statistics, Washington, DC. ERIC # ED395320. <http://nces.ed.gov/naep>.

*NAEPFacts—Eighth-Grade Algebra Course-Taking and Mathematics Proficiency, 1(2)*. Shakrani, Sharif. National Center for Education Statistics, Washington, DC. ERIC # ED396915. <http://nces.ed.gov/naep>.

*NAEPFacts—Geography: What Do Students Know, and What Can They*

*Do?*, 2(2). National Center for Education Statistics, Washington, DC.  
ERIC # ED403218. <http://nces.ed.gov/naep>.

*NAEP Facts—Reading Assessment in the Nation’s Fourth- and Eighth-Grade Classroom*, 2(3). National Center for Education Statistics, Washington, DC.  
<http://nces.ed.gov/naep>.

*NAEP Facts—Reading Proficiency and Home Support for Literacy*, 2(1).  
National Center for Education Statistics, Washington, DC. ERIC # ED400511.  
<http://nces.ed.gov/naep>.

*NAEP Facts—U.S. History: What Do Students Know, and What Can They Do?*,  
1(4). National Center for Education Statistics, Washington, DC. <http://nces.ed.gov/naep>.

1995 *NAEP Facts—Listening to Children Read Aloud: Oral Fluency*, 1(1).  
White, Sheida. National Center for Education Statistics, Washington, DC.  
GPO (065–000–00732–1) \$6.50. ERIC # ED385823, <http://nces.ed.gov/naep>.

1992 *NAEP Facts—Calculators and Computers*. National Center for Education  
Statistics, Washington, DC. ERIC # ED342682. <http://nces.ed.gov/naep>.

*NAEP Facts—Trends in School and Home Contexts for Learning*. Mullis,  
Ina V. S. National Center for Education Statistics, Washington, DC.  
ERIC # ED353330. <http://nces.ed.gov/naep>.

## User Guides

1997 *The NAEP Guide: A Description of the Contents and Methods of the 1997 and  
1998 Assessments, Revised Edition*. Calderone, J., L.M. King, and N. Horkay,  
Eds., National Center for Education Statistics, Washington, DC.  
<http://nces.ed.gov/naep/>.

1996 *1994 Trial State Assessment in Reading Secondary-Use Data Files User Guide*. 

*The NAEP Guide: A Description of the Contents and Methods of the 1994  
and 1996 Assessments, Revised Edition*. Ballator, Nada. National Center for  
Education Statistics, Washington, DC. <http://nces.ed.gov/naep/>.

1993 *Interpreting NAEP Scales*. Phillips, Gary W., et al. National Center for  
Education Statistics, Washington, DC. ERIC # ED361396.

*The 1990 High School Transcript Study Data File User’s Manual*. Caldwell,  
Nancy, et al. National Center for Education Statistics, Washington, DC.

ERIC # ED361354.

- 1992 *Secondary-Use Data Files User Guide*.
- 1991 *1990 Trial State Assessment Secondary-Use Data File Users Guide*. Revised June 1992. Rogers, Alfred M., et al. National Center for Educational Statistics, Washington, DC. ERIC # ED406454.
- 1990 *NAEP Mathematics Subscales and Math-Learning Attitude Factors, National Assessment of Educational Progress, 1985–86*. E.D. TABS. Yu, Ching C. National Center for Education Statistics, Washington, DC. ERIC # ED326430.
- Using National Assessment of Educational Progress Data To Improve Student Achievement and Citizenship: A Discussion Guide for Teachers and Administrators*. Office of Educational Research and Improvement, Washington, DC. ERIC # ED326578.
- 1988 *National Assessment of Educational Progress 1983–1987: A Bibliography of Documents in the ERIC Database*. Johnson, Janet R., Comp. Educational Testing Service, National Assessment of Educational Progress, Princeton NJ. ERIC # ED302580.
- 1987 *Consumer Skills Items. A Collection of Consumer Skills Items for State and Local Education Agencies to Draw Upon in Custom-Building Their Own Consumer Skills Instruments*. Education Commission of the States, Denver, CO. ERIC # ED163182.
- Guide to an Assessment of Consumer Skills*. Education Commission of the States, Denver, CO. ERIC # ED163181.
- Learning By Doing: A Manual for Teaching and Assessing Higher-Order Thinking in Science and Mathematics*. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED283835.
- National Assessment of Educational Progress: 1985–86 Public-Use Data Tapes, Version 1.0. Codebooks and Layouts, Grade 3/Age 9*. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED288893.
- National Assessment of Educational Progress: 1985–86 Public-Use Data Tapes, Version 1.0. Codebooks and Layouts, Grade 7/Age 13*. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED288894.
- National Assessment of Educational Progress: 1985–86 Public-Use Data Tapes, Version 1.0. Codebooks and Layouts, Grade 11/Age 17*. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED288895.

*National Assessment of Educational Progress: 1985–86 Public-Use Data Tapes, Version 1.0. User’s Guide.* Johnson, Eugene G., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED288892.

*National Assessment of Educational Progress: 1983–84 Public-Use Data Tapes, Version 3.1. Codebooks and Layouts, Grade 4/Age 9.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED288889.

*National Assessment of Educational Progress: 1983–84 Public-Use Data Tapes, Version 3.1. Codebooks and Layouts, Grade 8/Age 13.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED288890.

*National Assessment of Educational Progress: 1983–84 Public-Use Data Tapes, Version 3.1. Codebooks and Layouts, Grade 11/Age 17.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED288891.

*National Assessment of Educational Progress: 1983–84 Public-Use Data Tapes, Version 3.1. User’s Guide.* Barone, John L., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED288888.

1983 *National Assessment of Educational Progress, 1969–1983: A Bibliography of Documents in the ERIC Database.* Pratt, Theodore B., Ed. National Institute of Education, Washington, DC. ERIC # ED234097.

1977 *Math Resource Items for Minimal Competency Testing. A Collection of Math Items for State and Local Education Agencies to Draw Upon in Custom-Building Their Own Minimal Competency Instruments.* National Center for Education Statistics, Washington, DC. ERIC # ED173395.

*Reading Resource Items for Minimal Competency Testing. A Collection of Reading Items for State and Local Education Agencies to Draw Upon in Custom-Building Their Own Minimal Competency Instruments.* National Center for Education Statistics, Washington, DC. ERIC # ED173394.

1976 *Education for Citizenship: A Bicentennial Survey. Results Manual for Replicating the Citizenship Survey.* National Center for Education Statistics, Washington, DC. ERIC # ED171609.

*Education for Citizenship: A Bicentennial Survey. User Manual for Replicating the Citizenship Survey.* National Center for Education Statistics, Washington, DC. ERIC # ED132079.

1974 *National Assessment of Educational Progress. General Information Yearbook.* Education Commission of the States, Denver, CO. ERIC # ED102235.

## Other Documents

- 1995 *Examining Key Themes and Questions in U.S. History. The 1994 National Assessment of Educational Progress in U.S. History.* National Assessment Governing Board, National Center for Education Statistics, Washington, DC. ERIC # ED387423.
- NAEP Primer.* Beaton, Albert and E. Gonzales Center for the Study of Testing, Evaluation, and Educational Policy, Boston College. ERIC # ED404374.
- Preparing Citizens for the 21st Century. Geography: Learning about Our World. The 1994 National Assessment of Educational Progress in Geography.* National Assessment Governing Board, National Center for Education Statistics, Washington, DC. ERIC # ED387422.
- The 1993 NAEP Science Field Test: Hands-On Tasks and Test Specifications.* O'Sullivan, Christine. National Center for Education Statistics, Washington, DC. ERIC # ED384639.
- 1991 *National Assessment of Educational Progress* (brochure). U.S. Department of Education, National Center for Education Statistics, Washington, DC. ERIC # ED337501.
- National Assessment of Educational Progress in Brief.* U.S. Department of Education, National Center for Education Statistics, Washington, DC. ERIC # ED335386.
- The NAEP Guide: A Description of the Contents and Methods of the 1990 and 1992 Assessments.* Mullis, Ina V. S. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED325504.
- 1987 *Profiling American Education.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED406455.
- 1985 *NAEP Profiles of Literacy. An Assessment of Young Adults.* Development Plan, April 1985. Kirsch, Irwin. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED263192.
- 1984 *Issues and Answers: What Will NAEP Tell Us?* Mullis, Ina V. S. Education Commission of the States, Denver, CO. ERIC # ED247239.
- NAEP Findings at Your Fingertips.* Research in Brief. National Institute of Education, Washington, DC. ERIC # ED279722.
- 1983 *Achievement in Mathematics and Science.* Issuegram 6. Ward, Barbara. Education Commission of the States, Denver, CO. ERIC # ED228060.



*Achievement Trends in the Arts*. Issuegram 2. Ward, Barbara. Education Commission of the States, Denver, CO. ERIC # ED232958.

*How Well Can Students Read and Write?* Issuegram 9. Mullis, Ina V. S. and Nancy Mead. Education Commission of the States, Denver, CO. ERIC # ED234352.

- 1982 *National Assessment Findings and Educational Policy Questions*. Brown, Rexford G. Education Commission of the States, Denver, CO. ERIC # ED224839.

*The Governance of the National Assessment of Educational Progress: A Brief Review and Some Options*. Report No. A-158-5. Boruch, Robert F. National Institute of Education, Washington, DC. ERIC # ED222569.

- 1975 *Functional Literacy—Basic Reading Performance: An Assessment of In-School 17-Year-Olds in 1974*. Press Summary. Education Commission of the States, Denver, CO. ERIC # ED112389.

- 1973 *National Assessment of Educational Progress Newsletter, 6(9)*. National Center for Education Statistics, Washington, DC. ERIC # ED085332.

- 1972 *Questions and Answers about the National Assessment of Educational Progress*. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED067398.

*Reading and Literature: General Information Yearbook*. Gadway, Charles J., Ed. National Center for Education Statistics, Washington, DC. ERIC # ED072421.

*National Assessment of Educational Progress Newsletter, 5(7)*. National Center for Education Statistics, Washington, DC. ERIC # ED073007.

- 1971 *National Assessment of Educational Progress Newsletter, 4(3)*. Goodwin, Barbara, Ed. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED050996.



# T echnical Reports

1970 *CAPS Capsule: The National Assessment of Educational Progress, Concept and Organization*, 3(2). National Institute of Education, Washington, DC. ERIC # ED035783.

Not Dated *When I Grow Up, What Will I Be?* Education Commission of the States, Denver, CO. ERIC # ED145202.

Technical reports document all the details of a national or state assessment, including the sample design, instrument development, data collection process, and analysis procedures. Technical reports provide information only about how the results of the assessment were derived; they do not present the actual results. These documents are used for reference by state departments of education and are heavily used by educational researchers.

## National Technical Reports

1998 *Linking the National Assessment of Educational Progress (NAEP) and the Third International Mathematics and Science Study (TIMSS): A Technical Report*. Johnson, Eugene G. NCES # 98-499. <http://nces.ed.gov/naep>.

1996 *The NAEP 1994 Technical Report*. Allen, Nancy L., Debra L. Kline, and Christine A. Zelenak. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED404377.

1994 *The NAEP 1992 Technical Report*. Johnson, Eugene G. and James E. Carlson. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED376191.

1992 *The NAEP 1990 Technical Report*. Johnson, Eugene G. and Nancy L. Allen. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED396903.

1990 *Focusing the New Design: The NAEP 1988 Technical Report*. Johnson, Eugene G., et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED325496.

1988 *Expanding the New Design: The NAEP 1985-86 Technical Report*. Beaton,

Albert E., et al. National Assessment of Educational Progress, Princeton, NJ.  
ERIC # ED355248.

1987 *Implementing the New Design: The NAEP 1983–84 Technical Report.*  
Beaton, Albert E. National Assessment of Educational Progress, Princeton, NJ.  
ERIC # ED288887.

1982 *Changes in Student Performance by Achievement Class and Modal Grade: A  
Different Look at Assessment Data in Reading, Science, and Mathematics.*  
Technical Report. Education Commission of the States, Denver, CO; National  
Institute of Education, Washington, DC. ERIC # ED227155.

1980 *Mathematics Technical Report: Summary Volume.* Phillips, Donald L.  
Education Commission of the States, Denver, CO. ERIC # ED186279.

1979 *Three Assessments of Science, 1969–77: Technical Summary.* Wright,  
David, et al. National Center for Education Statistics, Washington, DC.  
ERIC # ED168901.

1978 *Art Technical Report: Summary Volume. Selected Results From the First  
National Assessment of Art.* Education Commission of the States, Denver, CO.  
ERIC # ED155125.

*Career and Occupational Development Technical Report: Summary Volume.*  
Education Commission of the States, Denver, CO. ERIC # ED176019.

1977 *Mathematics Technical Report: Exercise Volume.* National Assessment of Educa-  
tional Progress. Report No. 04–MA–20. National Center for Education Statistics,  
Washington, DC. ERIC # ED138468.

*National Assessment of Educational Progress. Career and Occupational  
Development Technical Report: Exercise Volume.* National Center for  
Education Statistics, Washington, DC. ERIC # ED141582.

*National Assessment of Educational Progress. Science Technical Report:  
Summary Volume.* National Center for Education Statistics, Washington, DC.  
ERIC # ED141135.

1976 *Mathematics Technical Report: Summary Volume.* National Assessment of Educa-  
tional Progress. National Center for Education Statistics, Washington, DC.  
ERIC # ED129636.

1975 *Functional Literacy—Basic Reading Performance: An Assessment of In-School  
17-Year-Olds in 1974.* Technical Summary. Gadway, Charles and H. A. Wilson.  
Education Commission of the States, Denver, CO. ERIC # ED112350.

*Music Technical Report: Exercise Volume.* Music Report No. 03–MU–20. Carnegie Foundation, New York; National Center for Education Statistics, Washington, DC. ERIC # ED120086.

*Music Technical Report: Summary Volume.* Music Report No. 03–MU–21. Carnegie Foundation, New York; National Center for Education Statistics, Washington, DC. ERIC # ED114348.

*Social Studies Technical Report: Exercise Volume.* National Center for Education Statistics, Washington, DC. ERIC # ED118481.

*Social Studies Technical Report: Summary Volume.* Report No. 03–SS–21. Carnegie Foundation, New York; National Center for Education Statistics, Washington, DC. ERIC # ED117019.

### State Technical Reports

1998 *Technical Report of the NAEP 1996 State Assessment Program in Science.* Allen, Nancy L., Spencer S. Swinton, Steven P. Isham, and Christine A. Zelenak. NCES # 98480. <http://nces.ed.gov/naep>.

1997 *Technical Report of the NAEP 1996 State Assessment Program in Mathematics.* Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ.

*Technical Report of the NAEP 1996 State Assessment Program in Science.* Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ.

1995 *The Technical Report of the NAEP 1994 Trial State Assessment Program in Reading.* Mazzeo, John, et al. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED393094.

1994 *The Technical Report of the NAEP 1992 Trial State Assessment Program in Reading.* Johnson, Eugene G., et al. National Center for Education Statistics, Washington, DC. GPO (065–000–0631–6) \$20. ERIC # ED367946.

*Using Trilinear Plots for NAEP State Data. Program Statistics Research.* Technical Report. No. 94–6. Wainer, Howard. National Center for Education Statistics, Washington, DC. ERIC # ED380503.

1993 *The Technical Report of NAEP's 1990 Trial State Assessment Program.* Koffler, Stephen, et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED406453.

*The Technical Report of the NAEP 1992 Trial State Assessment Program in Mathematics.* Johnson, Eugene, John Mazzeo, and Debra L. Kline. National Center for Education Statistics, Washington, DC. ERIC # ED406202.

## Other Technical Reports

- 1997 *The 1994 High School Transcript Study Technical Report*. Legum, Stanley, et al. National Center for Education Statistics, Washington, DC. NCES # 97-262.
- 1994 *State-by-State Background Questionnaire Data Appendix: NAEP 1992 Mathematics Assessment, Grades 4 and 8*. National Center for Education Statistics, Washington, DC. ERIC # ED405201.
- 1993 *The 1990 High School Transcript Study Technical Report*. National Center for Education Statistics, Washington, DC. ERIC # ED360375.
- 1991 *Non-Linear Transformation of IRT Scale to Account for the Effect of Non-Normal Ability Distribution of the Item Parameter Estimation*. Yamamoto, Kentaro and Eiji Muraki. ERIC # ED333029.
- Training, Data Collection, and Scoring of the 1990 Trial State Assessment*. Goodison, Jules M. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED331850.
- 1990 *IRT As a Way of Improving the Usefulness of Complex Data*. Beaton, Albert E. and Eugene A. Johnson. ERIC # ED318786.
- Mathematics Achievement and Classroom Instructional Activities: National Assessment of Educational Progress, 1985-86*. Survey Report. Sedlacek, Deborah Sherman. National Center for Education Statistics, Washington, DC. ERIC # ED 326445.
- The Impact of Clustering in the Sample Design of the 1987 High School Transcript Study on Estimates of Sampling Variability*. Kolstad, Andrew. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED320936.
- 1989 *High School Transcript Study 1987 Machine-Readable Data File*. National Center for Education Statistics, Washington, DC. ERIC # ED338633.
- 1986 *Assessment of the Dimensionality of NAEP Year 15 Reading Data*. Zwick, Rebecca. Educational Testing Service, Princeton, NJ; National Institute of Education, Washington, DC. ERIC # ED269420.
- 1984 *National Assessment Analysis Procedures*. Searls, Donald T., Ed. Education Commission of the States, Denver, CO. ERIC # ED226250.
- 1983 *Procedural Handbook: 1981-82 Mathematics and Citizenship/Social Studies Assessment*. Education Commission of the States, Denver, CO. ERIC # ED233966.
- 1982 *Design of the National Assessment of Educational Progress. Final Report*. National Institute of Education, Washington, DC. ERIC # ED230623.

*NAEP Design*. National Institute of Education, Washington, DC.  
ERIC # ED231878.

*Scale Score Reporting of National Assessment Data (Final Report)*. Mislevy, Robert J., et al. Education Commission of the States, Denver, CO.  
ERIC # ED222554.

- 1981 *Printing and Scoring Activities, Final Report, Year 11, National Assessment of Educational Progress*. National Center for Education Statistics and National Institute of Education, Washington, DC. ERIC # ED210299.

*Procedural Handbook: 1978–79 Art Assessment*. National Institute of Education, Washington, DC. ERIC # ED211427.

*Procedural Handbook: 1978–79 Music Assessment*. National Institute of Education, Washington, DC. ERIC # ED211413.

*Procedural Handbook: 1978–79 Writing Assessment*. National Institute of Education, Washington, DC. ERIC # ED199263.

*Procedural Handbook: 1979–80 Reading and Literature Assessment*. National Center for Education Statistics, National Institute of Education, Washington, DC. ERIC # ED210300.

- 1980 *In-School Field Operations and Data Collection Activities, Year 11. Final Report*. Education Commission of the States, Denver, CO; National Assessment of Educational Progress, Princeton, NJ; National Center for Education Statistics and National Institute of Education, Washington, DC. ERIC # ED206695.

*In-School Quality Check Activities. Final Report of Year 11*. Education Commission of the States, Denver, CO; National Assessment of Educational Progress, Princeton, NJ; National Center for Education Statistics and National Institute of Education, Washington, DC. ERIC # ED206694.

*Procedural Handbook: 1977–1978 Mathematics Assessment*. Ward, Barbara. Education Commission of the States, Denver, CO. ERIC # ED186280.

- 1978 *Measures of Scorer Agreement and Patterns of Disagreement*. Johnson, Eugene G., et al. ERIC # ED193307.

*The Second National Assessment of Writing: New and Reassessed Exercises With Technical Information and Data*. National Center for Education Statistics, Washington, DC. ERIC # ED155728.

1977 *National Assessment Approach to Sampling Error Estimation*. Sampling Error Monograph. Folsom, Ralph E., Jr. National Center for Education Statistics, Washington, DC. ERIC # ED206671.

*Selected Supplemental Mathematics Exercises*. National Assessment of Educational Progress. Education Commission of the States, Denver, CO. ERIC # ED183388.

1974 *The National Assessment Approach to Sampling*. Moore, R. Paul, et al. Carnegie Foundation, New York; Ford Foundation and National Center for Education Statistics, Washington, DC. ERIC # ED099416.

Not Dated *Career and Occupational Development Items*. Education Commission of the States, Denver, CO. ERIC # ED145201.

*Career and Occupational Development Kit*. Instruction Manual. Education Commission of the States, Denver, CO. ERIC # ED145199.



# Focused Reports and Special Studies

*Category Scoring Techniques From National Assessment: Applications to Free Response Items From Career and Occupational Development.* Phillips, Donald L. Education Commission of the States, Denver, CO. ERIC # ED133350.

*Scoring Guides and National Percentages of Response.* Education Commission of the States, Denver, CO. ERIC # ED145200.

Focused reports and special studies examine specific topics related to NAEP. They may extract specific findings from NAEP assessments and explore in-depth questions with broad educational implications, or they may examine an aspect of the assessment design. For example, a focused report may consider how school resources, course offerings, and graduation requirements correlate with achievement. Focused reports and special studies include three general categories. Reports on “Interpreting Assessment Findings” include reports that analyze particular assessment results. Reports listed under “Examining the Assessment” include those that may take a more technical approach, by examining the process of obtaining NAEP results, such as the design or operations. Other focused reports and special studies include those that do not examine results or the technical aspects, but address questions about the general ramifications of the National Assessment, such as the need for and usefulness of NAEP. Focused reports and special studies provide information to educators, policymakers, education associations, content experts, psychometricians, and interested citizens.

## Interpreting Assessment Findings

1995 *Interviewing Children About Their Literacy Experiences: Data From NAEP’s Integrated Reading Performance Record (IRPR) at Grade 4.* Campbell, Jay R., et al. National Center for Education Statistics, Washington, DC. GPO (065–000–00733–9) \$6.50. ERIC # ED378549.

*Listening to Children Read Aloud: Data From NAEP’s Integrated Reading Performance Record (IRPR) at Grade 4.* Pinnell, Gay S., et al. Educational



Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED378550.

*Vocational Course Taking and Achievement: An Analysis of High School Transcripts and 1990 NAEP Assessment Scores.* McCormick, Alexander C. and John Tuma. National Center for Education Statistics, Washington, DC. GPO (065-000-00766-5) \$4. ERIC # ED382883.

*Windows into the Classroom—NAEP's 1992 Writing Portfolio.* Gentile, Claudia A., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00734-7) \$18. ERIC # ED378584.

1994 *Effective Schools in Mathematics: Perspectives From the NAEP 1992 Assessment.* Research and Development Report. Mullis, Ina V. S., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00706-1) \$7. ERIC # ED377059.

*How School Mathematics Functions: Perspectives From the NAEP 1990 and 1992 Assessments.* Dossey, John A., et al. National Assessment of Educational Progress, Princeton, NJ. GPO (065-000-00708-8) \$11. ERIC # ED377057.

1993 *Can Students Do Mathematical Problem Solving? Results From Constructed-Response Questions in NAEP's 1992 Mathematics Assessment.* Dossey, John A., et al. National Assessment of Educational Progress, Princeton, NJ. GPO (065-000-00593-0) \$15. ERIC # ED362539.

*What's Wrong With Writing and What Can We Do Right Now?* Research Report. Educational Testing Service, National Assessment of Educational Progress, Princeton, NJ. ERIC # ED356477.

1992 *School Effects on Educational Achievement in Mathematics and Science: 1985-86.* Arnold, Carolyn L. and Phillip D. Kaufman. National Assessment of Educational Progress. Research and Development Report. ERIC # ED345951.

1990 *Science Achievement and Home Environment: National Assessment of Educational Progress 1985-1986.* Gorman, Steven and Ching C. Yu. ERIC # ED330702.

1989 *Earning and Learning: The Academic Achievement of High School Juniors With Jobs.* Barton, Paul. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED309179.

*Minority Student Issues: Racial/Ethnic Data Collected by the National Center for Education Statistics Since 1969.* Black, Macknight. National Center for Education Statistics, Washington, DC. ERIC # ED305416.

1988 *School Climate and Reading Performance: Survey Report.* Pendleton, Audrey. National Center for Education Statistics, Washington, DC. ERIC # ED299538.

*The Educational Progress of Language Minority Children: Findings From the NAEP 1985–1986 Special Study.* Baratz-Snowden, Joan, et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED299839.

- 1986 *America's Young Adults.* Kirsch, Irwin S. and Ann Jungeblut. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED275692.

*Homework: What Do National Assessment Results Tell Us?* Anderson, Bernice, et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED276980.

*Mothers Working Outside the Home: What Do National Assessment Results Tell Us?* Anderson, Bernice, et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED276979.

*Television: What Do National Assessment Results Tell Us?* Anderson, Bernice, et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED277072.

- 1985 *The Elementary/Secondary Redesign Project: Assessing the Condition of Education in the Next Decade.* Peerson, Penelope L. National Center for Education Statistics, Washington, DC. ERIC # ED272560.

- 1984 *Student Achievement in America: State Policy Implications for a High-Technology Economy.* Anderson, Beverly L. and Barbara J. Ward. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED236248.

*The Relationship of Students' Academic Achievement to Television Watching, Leisure Time Reading, and Homework.* Ward, Barbara J., et al. Education Commission of the States, Denver, CO. ERIC # ED236249.

- 1983 *A Closer Look at School Cut-Off Dates and Achievement.* Kalk, John Michael, et al. Education Commission of the States, Denver, CO. ERIC # ED216050.

*Exploring National Assessment Data Through Secondary Analysis.* Education Commission of the States, Denver, CO. ERIC # ED223679.

*Mathematics Achievement and Attitude Productivity in Junior High School.* Tsai, Shiow-Ling and Herbert J. Walberg. National Institute of Education, Washington, DC. ERIC # ED230394.

*Relationships Among Measures of Writing Skill.* Hogan, Thomas P. and Carol Mishler. Education Commission of the States, Denver, CO. ERIC # ED224812.

*Students From Homes in Which English Is Not the Dominant Language: Who Are They and How Well Do They Read?* Education Commission of the States, Denver, CO. ERIC # ED224296.

*The Information Society: Are High School Graduates Ready?* Gisi, Lynn Grover and Roy H. Forbes. Education Commission of the States, Denver, CO. ERIC # ED223812.

- 1982 *Performance of Hispanic Students in Two National Assessments of Reading.* Education Commission of the States, Denver, CO. ERIC # ED217397.

*Trends in Achievement as a Function of Age of Admission.* No. AY-AA-51. Kalk, John Michael, et al. Education Commission of the States, Denver, CO. ERIC # ED230603.

- 1981 *Has Title I Improved Education for Disadvantaged Students? Evidence From Three National Assessments of Reading.* Education Commission of the States, Denver, CO. ERIC # ED201995.

*Reading and Mathematics Achievement in Public and Private Schools: Is There a Difference?* National Center for Education Statistics, National Institute of Education, Washington, DC. ERIC # ED206682.

*Sentence-Combining Skills: Results of the Sentence-Combining Exercises in the 1978-79 National Writing Assessment.* Mellon, John. Education Commission of the States, Denver, CO. ERIC # ED210696.

*Supplementary Mathematics Probe Study.* Final Report. Enemark, Peter and Laress L. Wise. Education Commission of the States, Denver, CO. ERIC # ED222553.

*The Relation Between Reading Related Background Variables and Comprehension Achievement: A Secondary Analysis of the 1979-80 Reading/Literature Assessment Data.* Mead, Nancy A. and John M. Kalk. Education Commission of the States, Denver, CO. ERIC # ED214132.

*The Relationship Between Youth Employment Experience and Performance on an Assessment of Career and Occupational Items.* Department of Labor, National Center for Education Statistics, National Institute of Education, Washington, DC. ERIC # ED219388.

- 1980 *Access to Schools and Nonstudents.* Scott, Dunlap Jr., Education Commission of the States, Denver, CO. ERIC # ED194601.

*Achievement and Participation of Women in Mathematics: An Overview. Report of a Two-Year Study.* Armstrong, Jane M. Education Commission of the States, Denver, CO. ERIC # ED184878.

*Black Students' Performance in the National Assessments of Science and Mathematics.* Holmes, Barbara J. Education Commission of the States, Denver, CO. ERIC # ED201692.

- 1979 *A National Assessment of Achievement and Participation of Women in Mathematics*. Final Report. Education Commission of the States, Denver, CO. ERIC # ED187562.
- Adult Readers: Will They Need Basics Too?* Brown, Rexford G. and Deborah Bowditch. Education Commission of the States, Denver, CO. ERIC # ED182690.
- Effects of Home and School on Learning Mathematics, Political Knowledge and Political Attitudes*. Mullis, Ina V. S. Education Commission of the States, Denver, CO. ERIC # ED171518.
- 1978 *A National Assessment of Performance and Participation of Women in Mathematics*. Annual Report. Education Commission of the States, Denver, CO. ERIC # ED176961.
- Assessing Listening Ability: Relationships With Verbal Ability and Racial/Ethnic Bias*. Mead, Nancy A. Education Commission of the States, Denver, CO. ERIC # ED193678.
- School and the 17-Year-Old: A Comparison of Career Development Skills of 17-Year-Olds Attending School and Those Not Attending*. Education Commission of the States, Denver, CO. ERIC # ED155328.
- 1977 *A Woman's Place*. Gonder, Peggy. Education Commission of the States, Denver, CO. ERIC # ED155330.
- Analysis of Supplemental Background Questions on Homework and TV*. Education Commission of the States, Denver, CO. ERIC # ED159055.
- What Students Know and Can Do: Profiles of Three Age Groups*. Mullis, Ina V. S., et al. National Center for Education Statistics, Washington, DC. ERIC # ED135846.
- 1976 *National Assessment of Educational Progress. Changes in Science Achievement of Black Students*. Sauls, Judith M. and John Michael Kalk. Education Commission of the States, Denver, CO. ERIC # ED127201.
- 1975 *A Statement of Fact: The Size and Type of a Community Bear Upon Educational Results. A Look at National Assessment Results in Eight Learning Areas in the Light of Community Influence: A Special Report to Urban School Districts*. Herman, Magdalen. Education Commission of the States, Denver, CO. ERIC # ED106399.
- Educational Achievement and Sex Discrimination*. Mullis, Ina V. S. Carnegie Foundation, New York; National Center for Education Statistics, Washington, DC. ERIC # ED115701.

*Male-Female Achievement in Eight Learning Areas: A Compilation of Selected Assessment Results.* Herman, Magdalen, Comp. Education Commission of the States, Denver, CO. ERIC # ED117133.

*Update on Education: A Digest of the National Assessment of Educational Progress.* Johnson, Simon S. Carnegie Foundation, New York; National Center for Education Statistics, Washington, DC. ERIC # ED113381.

- 1974 *A Review of Attitudes Toward Music.* National Assessment of Educational Progress. Rivas, Frank W. Education Commission of the States, Denver, CO. ERIC # ED099270.

*Recipes, Wrappers, Reasoning, and Rate: A Digest of the First Reading Assessment.* Gallo, Donald R. Education Commission of the States, Denver, CO. ERIC # ED092869.

- 1970 *The National Assessment Approach to Exercise Development.* Finley, Carmen J. and Frances S. Berdie. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED067402.

### **Examining the Assessment**

- 1997 *Essential Skills in Mathematics. A Comparative Analysis of American and Japanese Assessments of Eighth-Graders.* Dossey, John A. National Center for Education Statistics, Washington, DC NCES # 97-885. <http://nces.ed.gov/naep>.

*Student Selecting Stories: The Effects of Choice in Reading Assessment.* Campbell, Jay and Patricia L. Donahue. National Center for Education Statistics, Washington, DC. NCES # 97-491. <http://nces.ed.gov/naep>.

*The Inclusion of Students With Disabilities and Limited English Proficiency Students in Large-Scale Assessments: A Summary of Recent Progress.* Goldstein, Arnold and John Olson. National Center for Education Statistics, Washington, DC. NCES # 97-482. <http://nces.ed.gov/naep>.

- 1995 *Model-Based Method for Analysis of Data From 1990 NAEP Trial State Assessment.* Research and Development Report. Longford, N. T. National Center for Education Statistics, Washington, DC. GPO (065-000-0728-2) \$5.50. ERIC # ED380474.

*Reading Assessment Redesigned: Authentic Texts and Innovative Instruments in NAEP's 1992 Survey.* Langer, Judith A., et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00731-2) \$14. ERIC # ED378548.

*The Cost of Performance Assessment in Science: The NAEP Perspective.* O'Sullivan, Christine. National Center for Education Statistics, Washington, DC. ERIC # ED384638.

*Use of Person-Fit Statistics in Reporting and Analyzing National Assessment of Educational Progress Results.* Research and Development Report. Rudner, Lawrence M, et al. National Center for Education Statistics, Washington, DC. GPO (065-000-00724-0) \$7. ERIC # ED379346.

*Using HLM and NAEP Data to Explore School Correlates of 1990 Mathematics and Geometry Achievement in Grades 4, 8, and 12: Methodology and Results.* Research and Development Report. Arnold, Carolyn L. National Center for Education Statistics, Washington, DC. GPO (065-000-00727-4) \$14. ERIC # ED380475.

1993 *National Assessment of Educational Progress (NAEP): Nonresponse Study.* Wright, Douglas and Michael P. Cohen. National Center for Education Statistics, Washington, DC. ERIC # ED363666.

1992 *Exploring New Methods for Collecting Students' School-based Writing: NAEP's 1990 Portfolio Study.* Gentile, Claudia. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED343154.

*The Use of Collateral Information in Proficiency Estimation for the Trial State Assessment.* Mazzeo, John, et al. National Center for Education Statistics, Washington, DC. ERIC # ED346112.

1991 *Interim Report on the Evaluation of the 1990 NAEP Trial State Assessment.* April 1991. National Center for Education Statistics, Washington, DC. ERIC # ED337462.

1988 *Differential Item Functioning Analysis of Math Performance of Hispanic, Asian, and White NAEP Respondents.* Rock, Donald and Kaling Chan. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED300440.

*Quality of Responses of Selected Items on NAEP Special Study Student Survey.* Baratz-Snowden, Joan, et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED300441.

1985 *Bringing the Future Into Focus.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED254543.

*Issues in National Educational Data Collection.* Cronin, Joseph M. National Center for Education Statistics, Washington, DC. ERIC # ED272541.

1984 *National Assessment of Educational Progress Reconsidered: A New Design for a New Era.* Messick, Samuel, et al. National Assessment of Educational Progress, Princeton, NJ. ERIC # ED236156.

1982 *Applications of Item Response Models to NAEP Mathematics Exercise Results.* Hambleton, Ronald K., et al. National Institute of Education, Washington, DC. ERIC # ED222561.

*Construct Validity of a Set of Mathematical Super items. A Report on the NIE/ECS Item Development Project.* Romberg, Thomas A., et al. National Institute of Education, Washington, DC. ERIC # ED222560.

*Design Effects and the Analysis of Survey Data.* Folsom, Ralph E. and Rick L. Williams. Education Commission of the States, Denver, CO. ERIC # ED222555.

*The Development of Mathematical Problem-Solving Superitems. A Report on the NIE/ECS Item Development Project.* Romberg, Thomas A., et al. National Institute of Education, Washington, DC. ERIC # ED222559.

*The Efficacy of Alternative Strategies for the Measurement and Analysis of Citizenship/Social Studies Achievement Across Time and Age Groups. Final Report.* Miller, Jon D. and Janet McConeghy. Education Commission of the States, Denver, CO. ERIC # ED223650.

- 1981 *Developing a Discrete Ability Profile Model for Mathematics Attainment. Final Report.* Haertel, Edward. Education Commission of the States, Denver, CO. ERIC # ED222556.

*Identification of Aberrant Response Patterns. Final Report.* Harnisch, Delwyn L. and Robert L. Linn. Education Commission of the States, Denver, CO. ERIC # ED222557.

*Measurement Properties of Attitude Scales in the National Assessment of Educational Progress Data on Mathematics. Final Report.* Anderson, Ronald E., et al. National Institute of Education, Washington, DC. ERIC # ED222558.

*NAEP Year 11 Design Efficiency Study. Final Report.* Williams, Rick L., et al. Research Triangle Institute, Research Triangle Park, NC. ERIC # ED206709.

*Sampling and Weighting Activities for Assessment Year 11. Final Report on National Assessment of Educational Progress.* Benrud, C. H., et al. Research Triangle Institute, Research Triangle Park, NC. ERIC # ED206703.

- 1980 *Bias: Psychometric and Social Implications for the National Assessment of Educational Progress.* Holmes, Barbara J. Education Commission of the States, Denver, CO. ERIC # ED194571.

*Contributions of the National Assessment to Understanding the Problems of Literacy and Equity.* Brown, Rexford G. Education Commission of the States, Denver, CO. ERIC # ED192294.

*Guidelines for Describing Three Aspects of Writing: Syntax, Cohesion and Mechanics.* Mullis, Ina V. S. and John C. Mellon. Education Commission of the States, Denver, CO. ERIC # ED205572.

*Issues in the Analysis and Analysis of Change of National Assessment Data.* Education Commission of the States, Denver, CO. ERIC # ED194605.

*Major Informational Needs of National Assessment Audiences and Ways To Enhance the Assessments Utility in Meeting Those Needs.* Ward, Barbara, et al. Education Commission of the States, Denver, CO. ERIC # ED194576.

1979 *Contributions of the National Assessment to Understanding the Problems of Literacy.* No. 08–FL–50. Mead, Nancy A., et al. Education Commission of the States, Denver, CO. ERIC # ED192259.

1978 *Assessment As Exploratory Research: A Theoretical Overview.* Burton, Nancy W. Education Commission of the States, Denver, CO. ERIC # ED160646.

*Relating Art Experiences to Art Achievement: A Technical Paper.* Knight, Sarah S. and Eugene G. Johnson. Education Commission of the States, Denver, CO. ERIC # ED156598.

1977 *Designing and Developing a Work Experience Component for a Vocational Education Curriculum.* Santos, Otto, Jr. and Anthony Olinzock. National Center for Education Statistics, Washington, DC. ERIC # ED195773.

1976 *Scoring Instrumental and Vocal Musical Performance.* Oldefendt, Susan J. Education Commission of the States, Denver, CO. ERIC # ED129839.

*Systematic Judgement of Children's Drawings.* Knight, Sarah S. Education Commission of the States, Denver, CO. ERIC # ED127240.

*The Primary Trait System for Scoring Writing Tasks.* Mullis, Ina V. S. Education Commission of the States, Denver, CO. ERIC # ED124942.

1975 *Change in National Science Achievement: Some Analysis Problems.* Searls, Donald T., et al. Education Commission of the States, Denver, CO. ERIC # ED157709.

*Exploring National Assessment Data Using Singular Value Decomposition.* Sauls, Judith M. and Robert C. Larson. Education Commission of the States, Denver, CO. ERIC # ED107720.

*No-Show Analysis. Final Report.* Kalsbeek, William D., et al. Education Commission of the States, Denver, CO. ERIC # ED206672.

1973 *Issues and Procedures in the Development of Criterion Referenced Tests.* Klein, Stephen P. and Jacqueline Kosecoff. National Institute of Education, Washington, DC. ERIC # ED082384.



*On the Need for Criterion-Referenced Research and Demonstration: A Reaction to the Model of National Assessment in Citizenship.* Grannis, Joseph C. National Institute of Education, Washington, DC. ERIC # ED100745.

1972 *A Humanistic Approach to Criterion-Referenced Testing.* Wilson, H. A. Education Commission of the States, Denver, CO. ERIC # ED081842.

### **Other Focused Reports and Special Studies**

1998 *Learning About Our World and Our Past: Using the Tools and Resources of Geography and U.S. History.* Hawkins, Evelyn, et al. NCES # 98-518.  
<http://nces.ed.gov/naep>.

*NAEP's Constituents: What Do They Want?: Report of the National Assessment of Educational Progress Constituents' Survey and Focus Groups.* Levine, Roger, Amy Rathbun, Ramsay Selden, and Andrew Davis.  
NCES # 98-521. <http://nces.ed.gov/naep>.

1985 *Monitoring the Condition of Education.* Buccino, Alphonse. National Center for Education Statistics, Washington, DC. ERIC # ED272539.

*National Statistics to Improve Educational Productivity.* Walberg, Herbert J. National Center for Education Statistics, Washington, DC. ERIC # ED272571.

*Priorities for Federal Education Statistics.* Murnane, Richard J. National Center for Education Statistics, Washington, DC. ERIC # ED272557.

1982 *Standards and National Assessment: Synthesis of Seven Educators' Responses to Questions on National Assessment's Role Relative to Higher Education Standards in Education.* Education Commission of the States, Denver, CO. ERIC # ED226062.

1981 *Education, Productivity, and the National Economy. A Research Initiative of the National Institute of Education.* National Institute of Education, Washington, DC. ERIC # ED229513.

1980 *Developing Oral Communication Skills: Implications of Theory and Research for Instruction and Training.* Mead, Nancy A. Education Commission of the States, Denver, CO. ERIC # ED193677.

1976 *The National Assessment of Educational Progress: Its Results Need to be Made More Useful. Report to the Congress by the Comptroller General of the United States.* Education Commission of the States, Denver, CO. ERIC # ED129897.

1974 *Associations Between Educational Outcomes and Background Variables: A Review of Selected Literature.* Bryant, Edward C., et al. Education Commission of the States, Denver, CO. ERIC # ED096348.



# C onference Proceedings and Commissioned Papers

1972 *National Assessment Measuring American Education*. Education Commission of the States, Denver, CO. ERIC # ED068513.

1970 *What Is National Assessment?* Womer, Frank B. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED067394.

Conference proceedings and commissioned papers represent a variety of methodological and content studies on issues related to NAEP or large-scale assessment. The primary audience includes education associations and content experts. This section lists these reports, which do not fall under a specific NAEP reporting series, and includes NAEP-related conference proceedings and papers that were individually commissioned by NAEP to address a particular topic.

## Conference Proceedings

1996 *Proceedings of the Conference on Inclusion Guidelines and Accommodations for Limited English Proficient Students in the National Assessment of Educational Progress*. August, Diane (independent consultant) and Edith McArthur. NCES # 96-861. <http://nces.ed.gov/naep>.

1995 *Joint Conference on Standard Setting for Large-Scale Assessments. Executive Summary, Volume I*. National Assessment Governing Board, National Center for Education Statistics, Washington, DC. ERIC # ED403325.

*Joint Conference on Standard Setting for Large-Scale Assessments. Proceedings, Volume II*. National Assessment Governing Board, National Center for Education Statistics, Washington, DC. ERIC # ED403326.

1987 *The National Assessment of Educational Progress and the Longitudinal Studies Program: Together or Apart? Report of a Planning Conference* (Washington, DC, December 11, 1986). Brown, George H. and Elizabeth M. Faupel. National Center for Education Statistics, Washington, DC. ERIC # ED285919.

- 1976 *Minimal Competency Measurement Conference: Summary Report.* ERIC # ED127376.
- The Annual Conference on Large-Scale Assessment: Formal Papers and Selected Bibliography* (Sixth, Boulder, CO, June 17, 1976). Education Commission of the States, Denver, CO. ERIC # ED135838.
- 1975 *Using National Assessment for Program Evaluation. Two Papers Presented to the National Council for Social Studies.* Crane, Robert and Richard Hulsart. Education Commission of the States, Denver, CO. ERIC # ED135839.
- 1973 *1973 Assessment Workshops: Final Report.* Womer, Frank B. and Irvin J. Lehmann. Education Commission of the States, Denver, CO. ERIC # ED107710.
- 1971 *Proceedings of the 1970 Invitational Conference on Testing Problems.* National Institute of Education, Washington, DC. ERIC # ED052264.

### Commissioned Papers

- 1995 *A Framework for the Qualitative Analysis of Student Responses to the Extended Constructed-Response Questions From the 1992 NAEP in Mathematics.* Kenney, Patricia Ann. ERIC # ED389551.
- 1994 *NAEP State Reports in Mathematics: Valuable Information for Monitoring Education Reform.* Hambleton, Ronald K. and Sharon F. Cadman. ERIC # ED377219.
- Using Performance Standards To Report National and State Assessment Data: Are the Reports Understandable and How Can They Be Improved?* Hambleton, Ronald K. and Sharon Slater. ERIC # ED390910.
- 1993 *National Testing and Assessment Strategies: Equity Implications of Leading Proposals for National Examinations.* Outline of Remarks at a National Seminar on Equity and Educational Testing and Assessment. Elliott, Emerson J. National Center for Education Statistics, Washington, DC. ERIC # ED361369.
- The National Assessment of Educational Progress: Changes in Reporting and Dissemination for 1992 and Beyond.* Fromboluti, Carol Sue. ERIC # ED363655.
- 1992 *A Preliminary Investigation of Pattern-Marking in 1990 NAEP Data.* Freund, David S. and Donald A. Rock. ERIC # ED347189.
- Dimensionality of 1990 NAEP Mathematics Data.* Carlson, James E. and Tom Jirele. ERIC # ED346117.
- NAEP and the Movement Toward National Testing.* Draft. Koretz, Daniel. ERIC # ED344939.
- New Information About Applications of Scale Anchoring.* Isham, Steven P. and

Nancy L. Allen. ERIC # ED346138.

*Reliability of Professionally Scored Data: NAEP-Related Issues.* Kaplan, Bruce A. and Eugene G. Johnson. ERIC # ED347186.

1991 *Defining Levels on the 1990 Mathematics Composite.* Johnson, Eugene G. ERIC # ED331885.

1989 *Issues and Procedures in Analyzing the State Assessment Data.* Johnson, Eugene G. ERIC # ED306268.

*Sampling Design for the 1990 Trial State Assessment Program.* Beaton, Albert E. ERIC # ED306298.

*The 1990 NAEP Trial State Assessment. Data Collection.* Goodison, Jules. ERIC # ED306231.

1988 *Considerations and Techniques for the Analysis of NAEP Data.* Johnson, Eugene. ERIC # ED295953.

1987 *Early Beginnings, Success and Failure in Teaching Young Children to Read: Some Abiding Questions and Intriguing Possibilities.* Smethurst, Wood. ERIC # ED279698.

*Issues in Indexing Functional Literacy.* Sticht, Thomas G. ERIC # ED279700.

*The Nation's Report Card: Improving the Assessment of Student Achievement. Report of the Study Group.* With a Review of the Report by a Committee of the National Academy of Education. Alexander, Lamar, James H. Tomas, and Robert Glaser. National Academy of Education, Cambridge, MA. ERIC # ED279662.

*Understanding Achievement and Acting To Produce It: Some Recommendations for NAEP.* Resnick, Daniel P. and Lauren B. Resnick. ERIC # ED279694.

1986 *Assessing Skills and Thinking in Social Studies.* Cornbleth, Catherine. ERIC # ED279671.

*Assessment at Age Seven.* Williams, Joanna P. ERIC # ED279705.

*Designing State Assessment Systems.* Cohen, Michael. ERIC # ED279670.

*Designing the National Assessment of Educational Progress to Serve a Wider Community of Users: A Position Paper.* Bock, Darrell R. ERIC # ED279664.

*Domain Definition and Exercise Generation as Functions of the National Assessment of Educational Progress.* Haertel, Edward H. ERIC # ED279679.

*Efficient Methods for Sampling Out-of-School Seventeen-Year-Olds in the National Assessment of Educational Progress.* Spencer, Bruce D. ERIC # ED279699.

*Effects of Standardized Testing and the Future of the National Assessment of Educational Progress. Working Paper for the NAEP Study Group.* Haney, Walt and George Madaus. ERIC # ED279680.

*Explanatory Skills.* Miller, George A. ERIC # ED279688.

*Literacy and the NAEP Reading Assessments. A Background and Position Paper Prepared for the NAEP Reading Review Subcommittee.* Venezky, Richard L. ERIC # ED279702.

*NAEP: A National Data System for the 21st Century.* Kearney, C. Philip. ERIC # ED279685.

*NAEP and International Comparisons.* Wolf, Richard M. ERIC # ED279707.

*NAEP Writing Assessment: A Committee Member's Perspective.* Williams, Paul L. ERIC # ED279706.

*National Assessment of Mathematical Performance.* Romberg, Thomas A. ERIC # ED279696.

*National Assessment of Values and Attitudes for Social Studies.* Shaver, James P. ERIC # ED279697.

*Position Paper on the Potential Use of Computerized Testing Procedures for the National Assessment of Educational Progress.* Reckase, Mark D. ERIC # ED279693.

*Proposals for Improving the NAEP Mathematics Assessment of Black Youth.* Davis, Josephine D. ERIC # ED279674.

*Purposes of the National Assessment for Educational Progress.* Peterson, Paul E. ERIC # ED279691.

*Reasoning in Argument Evaluation.* Nickerson, Raymond S. ERIC # ED279690.

*Recommendations for the Design of NAEP Writing Tasks.* Quellmalz, Edys. ERIC # ED279692.

*Recommendations on Writing Assessments for Future NAEPs.* Coffman, William E. ERIC # ED279669.

*Relationships Between the National Assessment of Educational Progress and the*

*National Educational Longitudinal Studies Program.* Jones, Calvin C. National Opinion Research Center, Chicago, IL. ERIC # ED279683.

*Roles, Governance, and Multiple Uses for a New NAEP.* Kirst, Michael W. ERIC # ED279704.

*Roles of the National Assessment of Educational Progress in International Studies.* Guthrie, John T. ERIC # ED279678.

*Scales and Other Problems in the NAEP Reading Assessment: Critical Comments.* Carroll, John B. ERIC # ED279666.

*School and Teacher Factors and the NAEP Reading Assessments.* Chall, Jeanne S. ERIC # ED279667.

*Some Thoughts on the National Assessment of Educational Progress in Science.* Welch, Wayne W. ERIC # ED279703.

*The Assessment of Artistic Thinking: Comments on the National Assessment of Educational Progress in the Arts.* Gardner, Howard and Judith Grunbaum. ERIC # ED279677.

*The Assessment of Discourse in Social Studies.* Newmann, Fred M. ERIC # ED279689.

*The Assessment of Social Studies Knowledge.* Draft. Fraenkel, Jack R. ERIC # ED279676.

*The Cost of National and State Educational Assessments.* Cronin, Joseph N. ERIC # ED279672.

*The Future Assessment of Educational Progress: Specifying Background Variables and Subpopulations.* Jones, Lyle V. ERIC # ED279684.

*The Governance of the National Assessment of Educational Progress.* Tyler, Ralph W. ERIC # ED279701.

*The Home Environment and School Learning.* Bloom, Benjamin S. ERIC # ED279663.

*The National Assessment of Educational Progress in Social Studies.* Carlson, Ken. ERIC # ED279665.

*The National Assessment of Educational Progress: Issues and Concerns for the Assessment of Hispanic Students.* Rivera, Charlene. ERIC # ED279695.

*The National Assessment of Reading: Past and Future Directions.* Curtis, Mary E. ERIC # ED279673.

*The Politics of Testing/Assessment (Or a Chameleon in the Classroom).* Lewis, Anne E. ERIC # ED279686.

*Toward an Ideal System of National Assessment of Educational Progress: A Local Perspective.* Hathaway, Walter E. ERIC # ED279681.

*Understanding Arithmetic Story Problems.* Marshall, Sandra P. ERIC # ED279687.

*Using NAEP for State-by-State Comparisons: The Beginnings of a "National Achievement Test" and "National Curriculum": Guidelines and Likely Responses to Aid Instruction and Achievement.* Ferrara, Steven F. and Stephen J. Thornton. ERIC # ED279675.

*What Do the Test Scores Really Mean? Critical Issues in Test Design.* Herman, Joan L. ERIC # ED279682.

*What Is Meant by "Higher-Order Cognitive Skills?"* Chipman, Susan F. ERIC # ED279668.

1985 *Reading: A "Top Ten" Activity.* Gutknecht, Bruce. ERIC # ED270735.

1984 *Danger: Work on Higher Levels.* Lapointe, Archie E. ERIC # ED243944.

*Girls in School/Women in Science: A Synopsis.* Kahle, Jane Butler. ERIC # ED243785.

1983 *Television and Reading Achievement: A Secondary Analysis of Data From the 1979–80 National Assessment of Educational Progress.* Fetler, Mark. ERIC # ED229748.

1980 *Database Management Needs of National Assessment and Ways to Meet Those Needs.* Cobb, Hugh. Education Commission of the States, Denver, CO. ERIC # ED196430.

*Supplementary Frame Assessment Phase II Manual.* Education Commission of the States; National Assessment of Educational Progress, Denver, CO. ERIC # ED206670.

*The National Assessment Approach to Objectives and Exercise Development.* Ward, Barbara. Education Commission of the States, Denver, CO. ERIC # ED194577.



# AEP Evaluation Studies and Grant Publications

- 1979 *Student Achievement in Rural Schools: A View From the National Assessment Data.* Martin, Wayne H. National Institute of Education, Washington, DC. ERIC # ED172980.
- 1978 *Issues Related to Assessing Listening Ability.* Mead, Nancy A. ERIC # ED155759.

The legislation that governs NAEP mandates that the U.S. Department of Education provide for continuing review of the program. In response to this legislation, NCES funded a contract that established the NAEP Technical Review Panel (TRP). Beginning in 1989 TRP produced a series of studies on specific questions about the validity of interpreting NAEP results. NCES also funded a contract to establish the NAEP Validity Studies (NVS) Panel. The panel released a report discussing the optimization of state NAEP and another analyzing the value of constructed-response items. NVS also examines sampling small populations, the information possibilities of performance questions, and equating error in NAEP. A third panel was commissioned to study the validity of the NAEP state component. Between 1992 and 1996, the National Academy of Education (NAE) Panel on the Evaluation of the NAEP Trial State Assessment Project produced numerous reports that evaluated the validity of the state assessment, and released a capstone report in 1997. This section includes the work done by the three panels.

## NAE Evaluation Studies

- 1997 *Assessment in Transition: Monitoring The Nation's Educational Progress.* Glaser, Robert, Linn Robert and George Bohrnstedt. National Academy of Education.

*General Accounting Office Report on Educational Achievement Standards. NAGB's Approach Yields Missing Interpretations.* (GAO/PEMD-93-12).



- 1996 *Quality and Utility: 1994 Trial State Assessment in Reading*. Bohrnstedt, George, Robert Glaser, and Robert Linn. National Academy of Education. ERIC # ED402571.
- 1994 *The Trial State Assessment: Prospects and Realities*. Bohrnstedt, George. National Academy of Education. ERIC # ED367699.
- 1993 *Setting Performance Standards for Student Achievement*. Shepard, Lorrie. National Academy of Education. ERIC # ED366639.
- The Content and Curricular Validity of the 1992 National Assessment of Educational Progress in Reading*. Bruce, Bertram C., et al. National Academy of Education, Washington, DC. ERIC # ED353559.
- 1992 *Assessing Student Achievement in the States. The First Report of the National Academy of Education Panel on the Evaluation of the NAEP Trial State Assessment: 1990 Trial State Assessment*. ERIC # ED348398.
- Effects of Administrator Performance on Student Performance in the Trial State Assessment*. McLaughlin, Donald H. ERIC # ED347198.

### **NVS Panel Reports**

- 1998 *Feasibility Studies of Two-Stage Testing in Large-Scale Educational Assessment: Implications for NAEP*. Bock, R. Darrell.
- 1997 *A Study of Equating in NAEP*. Hedges, Larry V. and Jack L. Vevea.
- Improving the Information Value of Performance Items in Large Scale Assessments*. Pearson, David P. and Diane R. Garavaglia.
- Optimizing State NAEP: Issues and Possible Improvements*. Mullis, Ina V. S.

### **TRP Studies**

- 1991 *An Evaluation of the Robustness of the NAEP Trend Lines for Racial/Ethnic Subgroups. NAEP TRP Task 3h: Non-Cognitive Variables*. Barron, Sheila and Daniel M. Koretz. CRESST. ERIC # ED404368.
- Analysis of Issues Concerning Within- vs. Cross-Age Scaling*. Haertel, Edward. CRESST.
- Are NAEP Executive Summary Reports Understandable to Policy Makers and Educators?* Hambleton, Ronald and Sharon C. Slater. CRESST. ERIC # ED400296.

*Assessing the Validity of the National Assessment Educational Progress: NAEP Technical Review Panel.* White Paper. Linn, Robert L., Daniel Koretz, and Eva L. Baker. CRESST.

*Experimental Studies on Motivation and NAEP Test Performance. Final Report. NAEP TRP Task 3a: Experimental Motivation.* O'Neil, Jr., Harold F., et al. CRESST. ERIC # ED404373.

*Identifying Students at Risk of Low Achievement in NAEP and NELS.* Berends, Mark and Daniel Koretz, with Elizabeth Harris. CRESST. ERIC # ED404372.

*Interpretations of National Assessment of Educational Progress (NAEP) Anchor Points and Achievement Levels by the Print Media in 1991.* Koretz, Daniel and Edward Diebert. The RAND Corporation. ERIC # ED367683.

*Language Background as a Variable in NAEP Mathematics Performance.* Abedi, Jamal, et al. CRESST. ERIC # ED404176.

*Learning Opportunities and Instructional Practices (OTL Study).* Burstein, Leigh. CRESST.

*Linking Statewide Tests to the National Assessment of Educational Progress: Stability of Results.* Linn, Robert L. and Vonda Kiplinger. CRESST. ERIC # ED374157.

*Mapping Test Items to the 1992 NAEP Mathematics Achievement Level Descriptions: Mathematics Educators' Interpretations and their Relationship to Student Performance.* Sugrue, Brenda et al. CRESST. ERIC # ED404179.

*Multidimensional Description of Subgroup Differences in Mathematics Data From the 1992 National Assessment of Educational Progress.* Muthen, Bengt, Siek-Toon Khoo, and Ginger Nelson Goff. CRESST.

*NAEP TRP Task 3e: Achievement Dimensionality, Section A.* Abedi, Jamal. CRESST. ERIC # ED404369.

*Omitted and Not-Reached Items in Mathematics in the 1990 National Assessment of Educational Progress.* Koretz, Daniel, Tom Skews-Cox, and Leigh Burstein. CRESST. ERIC # ED378220.

*Opportunity-to-Learn Effects on Achievement: Analytical Aspects.* Muthen, Bengt et al. CRESST. ERIC # ED404371.

*Raising the Stakes of Test Administration: The Impact of Student Performance on NAEP.* Kiplinger, Vonda L. and Robert L. Linn. CRESST. ERIC # ED378221

*Reporting Minority Students' Test Scores: How Well can NAEP Account for Differences in Social Context?* Berends, Mark, Daniel Koretz, and Elizabeth Lewis. The RAND Corporation. ERIC # ED404366.

*The Validity and Credibility of the Achievement Levels for the 1990 National Assessment of Educational Progress in Mathematics.* Linn, Robert L. CRESST. ERIC # ED338653.



# S ubject Area Objectives, Frameworks, and Achievement Levels

*The Validity of Interpretations of the 1992 NAEP Achievement Levels in Mathematics.* Burstein, Leigh et al. CRESST. ERIC # ED404180.

1989 *Report of the NAEP Technical Review Panel on the 1986 Reading Anomaly, the Accuracy of NAEP Trends, and Issues Raised by State-Level NAEP Comparisons.* Technical Report. Haertel, Edward, et al. National Center for Education Statistics, Washington, DC. ERIC # ED303783.

Currently, the National Assessment Governing Board (NAGB) develops frameworks for the NAEP assessments, describing the subject matter objectives that will form the basis for individual assessments, on the basis of a consensus on what children should know and be able to do. NAGB also establishes achievement levels—Basic, Proficient, and Advanced. Before NAGB came into existence, NAEP developed subject area objectives, similar in function to the frameworks. However, the subject area objectives did not set achievement levels.

## **Subject Area Objectives**

1989 *Reading Objectives, 1990 Assessment. The Nation's Report Card.* The National Assessment of Educational Progress, Princeton, NJ. ERIC # ED307598.

*Science Objectives, 1990 Assessment.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED309031.

1988 *Geography Objectives, 1988 Assessment.* The National Assessment of Educational Progress, Princeton, NJ. ERIC # ED406310.

- Mathematics Objectives, 1990 Assessment.* The National Assessment of Educational Progress, Princeton, NJ. ERIC # ED309030.
- 1987 *Civics: United States Government & Politics Objectives, 1988 Assessment.* National Assessment Governing Board, Washington, DC. ERIC # ED287875.
- Reading Objectives, 1986 and 1988 Assessments.* The National Assessment of Educational Progress, Princeton, NJ. ERIC # ED287876.
- United States History Objectives, 1988 Assessment.* The National Assessment of Educational Progress, Princeton, NJ. ERIC # ED287877.
- Writing Objectives, 1988 Assessment.* The National Assessment of Educational Progress; Princeton, NJ. ERIC # ED287878.
- 1986 *Math Objectives, 1985–86 Assessment.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED273682.
- Science Objectives, 1985–86 Assessment.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED273681.
- 1985 *Reading Objectives, 1983–84 Assessment.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED243086.
- 1982 *Writing Objectives, 1983–84 Assessment.* Education Commission of the States, Denver, CO. ERIC # ED222904.
- 1981 *Mathematics Objectives, 1981–82 Assessment.* Education Commission of the States, Denver, CO. ERIC # ED211352.
- 1980 *Citizenship and Social Studies Objectives: 1981–1982 Assessment.* Education Commission of the States, Denver, CO. ERIC # ED186330.
- Music Objectives: Second Assessment.* Education Commission of the States, Denver, CO. ERIC # ED183434.
- Reading and Literature Objectives, 1979–80.* No. 11–RL–10. Education Commission of the States, Denver, CO. ERIC # ED185503.
- 1979 *Science Objectives for the Third Assessment.* Education Commission of the States, Denver, CO. ERIC # ED179402.
- 1978 *Mathematics Objectives: Second Assessment.* National Center for Education Statistics, Washington, DC. ERIC # ED156439.
- 1975 *Literature Objectives: Second Assessment.* Education Commission of the States,

Denver, CO. ERIC # ED113737.

- 1974 *Reading Objectives: Second Assessment*. National Center for Education Statistics, Washington, DC. ERIC # ED089238.

*Social Studies Objectives: Second Assessment*. National Assessment of Educational Progress. Education Commission of the States, Denver, CO. ERIC # ED097288.

- 1973 *National Assessment of Educational Progress. Citizenship Objectives for 1974–75 Assessment*. National Center for Education Statistics, Washington, DC. ERIC # ED074010.

- 1972 *National Assessment of Educational Progress Science Objectives for 1972–73 Assessment*. Mastie, Marjorie M. and George H. Johnson, Eds. National Center for Education Statistics, Washington, DC. ERIC # ED072976.

*Writing Objectives for 1973–74 Assessment*. National Center for Education Statistics, Washington, DC. ERIC # ED072460.

- 1971 *National Assessment of Educational Progress: Art Objectives*. Norris, Eleanor L. and Barbara Goodwin, Eds. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED051255.

*National Assessment of Educational Progress: Objectives for Career and Occupational Development*. Education Commission of the States, Denver, CO. ERIC # ED059119.

- 1970 *Literature Objectives*. Norris, Eleanor L. and John E. Bowes, Eds. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED041009.

*National Assessment of Educational Progress: Mathematics Objectives*. Norris, Eleanor L. and John E. Bowes. Education Commission of the States, Denver, CO. ERIC # ED063140.

*National Assessment of Educational Progress: Music Objectives*. Norris, Eleanor L. and John E. Bowes, Eds. Education Commission of the States, Denver, CO. ERIC # ED063197.

*National Assessment of Educational Progress: Social Studies Objectives*. Norris, Eleanor L. and Barbara Goodwin, Eds. Education Commission of the States, Denver, CO. ERIC # ED049111.

*Reading Objectives*. Norris, Eleanor L. and John E. Bowes, Eds. National Assessment of Educational Progress, Ann Arbor, MI. ERIC # ED041010.

1969 *Citizenship Objectives*. Committee on Assessing the Progress of Education, Ann Arbor, MI. ERIC # ED033871.

*Science Objectives*. Committee on Assessing the Progress of Education, Ann Arbor, MI. ERIC # ED033872.

*Writing Objectives*. Norris, Eleanor L. Committee on Assessing the Progress of Education, Ann Arbor, MI. ERIC # ED033870.

Not Dated *Objectives for Career and Occupational Development. Second Assessment*. National Assessment of Educational Progress. National Center for Education Statistics, Washington, DC. ERIC # ED143829.

## Frameworks

1996 *Arts Education Assessment Framework for the 1997 National Assessment of Educational Progress*. National Assessment Governing Board, Washington, DC. <http://www.nagb.org>.

*Civics Framework for the 1998 National Assessment of Educational Progress: NAEP Civics Consensus Project*. National Assessment Governing Board, Washington, DC. <http://www.nagb.org>.

*Reading Framework for the 1992–1998 National Assessment of Educational Progress: NAEP Reading Consensus Project*. National Assessment Governing Board, Washington, DC. <http://www.nagb.org>.

*Writing Framework and Specifications for the 1998 National Assessment of Educational Progress*. National Assessment Governing Board, Washington, DC. <http://www.nagb.org>.

1995 *Mathematics Framework for the 1996 National Assessment of Educational Progress: NAEP Mathematics Consensus Project*. National Assessment Governing Board, Washington, DC. GPO (065–000–00772–0) \$2. <http://www.nagb.org>.

1994 *Arts Education Assessment Framework*. Pre-Publication Edition. National Assessment Governing Board, Washington, DC. ERIC # ED374073.

*Geography Framework for the 1994 National Assessment of Educational Progress. NAEP Geography Consensus Project*. National Assessment Governing Board, Washington, DC. ERIC # ED373019. <http://www.nagb.org>.

*Overview of NAEP Assessment Frameworks*. White, Sheida. National Center for Education Statistics, Washington, DC. GPO (065–000–0634–1). \$6. ERIC # ED370982.

*Reading Framework for the 1992 and 1994 National Assessment of Educational Progress: NAEP Reading Consensus Project.* National Assessment Governing Board, Washington, DC. ERIC # ED374392.

*U.S. History Framework for the 1994 National Assessment of Educational Progress: NAEP U.S. History Consensus Project.* National Assessment Governing Board, Washington, DC. ERIC # ED372008. <http://www.nagb.org>.

1992 *Reading Framework for the 1992 National Assessment of Educational Progress: NAEP Reading Consensus Project.* National Assessment Governing Board, DC. ERIC # ED341958.

1988 *Report of the Consensus Planning Project.* National Center for Education Statistics and National Science Foundation, Washington, DC. ERIC # ED310525.

1986 *A Framework for Assessing Computer Competence: Defining Objectives.* National Assessment of Educational Progress, Princeton, NJ. ERIC # ED273683.

### **Achievement Levels**

1998 *Proceedings of Achievement Levels Workshop.* Bourque, Mary Lyn, Ed. National Assessment Governing Board, Washington, DC. 1998. <http://www.nagb.org>.

1995 *NAEP Reading Revisit: An Evaluation of the 1992 Achievement Levels Descriptions.* National Assessment Governing Board, Washington, DC. ERIC # ED380777.

1994 *Setting Achievement Levels on the 1994 National Assessment of Educational Progress in Geography and in U.S. History and the 1996 National Assessment of Educational Progress in Science.* Final Version. Design Document. National Assessment Governing Board, Washington, DC. ERIC # ED382509.



## Subject Areas Assessed by NAEP

Year	NATIONAL NAEP		STATE NAEP	
	Main Assessment	Long-Term Trend		
1998	Civics, Reading, Writing		Reading Writing	Grades 4, 8 Grade 8
1997	Arts (Grade 8)			
1996	Mathematics, Science	Mathematics, Science, Reading, Writing	Mathematics Science	Grades 4, 8 Grade 8*
1994	Geography, U.S. History, Reading	Mathematics, Science, Reading, Writing	Reading <sup>5</sup>	Grade 4
1992	Mathematics, Reading, Writing	Mathematics, Science, Reading, Writing	Mathematics <sup>5</sup> Reading <sup>5</sup>	Grades 4, 8 Grade 4
1990	Mathematics, Science, Reading	Mathematics, Science, Reading, Writing	Mathematics <sup>5</sup>	Grade 8
1988	Civics, Document Literacy, <sup>2</sup> Geography, <sup>2</sup> U.S. History, Reading, Writing	Civics <sup>3</sup> Mathematics, Science, Reading, Writing	<i>Since 1994, states have assessed nonpublic schools as well as public schools.</i>  <sup>*</sup> Department of Defense schools were assessed at Grades 4 and 8.	
1986	Computer Competence, U.S. History, <sup>2</sup> Literature, <sup>2</sup> Mathematics, Science, Reading	Mathematics, Science, Reading <sup>4</sup>		
1984	Reading, Writing	Reading, Writing		
1981–82 <sup>1</sup>	Mathematics, Science, Citizenship/ Social Studies <sup>3</sup>	Mathematics, <sup>3</sup> Science <sup>3</sup>		
1979–80	Reading/Literature, Art	Reading <sup>3</sup>		
1978–79	Art, Music, Writing			
1977–78	Consumer Skills, <sup>2</sup> Mathematics	Mathematics <sup>3</sup>		
1976–77	Basic Life Skills, <sup>2</sup> Science	Science <sup>3</sup>		
1975–76	Citizenship/Social Studies, Mathematics <sup>2</sup>	Citizenship/Social Studies <sup>3</sup>		
1974–75	Art, Index of Basic Skills, Reading	Reading <sup>3</sup>		
1973–74	Career and Occupational Development, Writing			
1972–73	Mathematics, Science	Mathematics, <sup>3</sup> Science <sup>3</sup>		
1971–72	Music, Social Studies			
1970–71	Literature, Reading	Reading <sup>3</sup>		
1969–70	Citizenship, Science, Writing	Science <sup>3</sup>		

<sup>1</sup>Explanation of format for Year column: Before 1984, the main NAEP assessments were administered in the fall of one year through the spring of the next. Beginning with 1984, the main NAEP was administered after the new year in the winter, although the assessments to measure long-term trend continued with their traditional administration in fall, winter, and spring. Because the main assessment is the largest component of NAEP, beginning with 1984 we have listed its administration year rather than the two years over which trend continued to be administered. Note also that the state component is administered at essentially the same time as the main NAEP.

<sup>2</sup>This was a small, special-interest assessment administered to limited national samples at specific grades or ages and was not part of a main assessment. Note that this chart includes only assessments administered to in-school samples; not shown are several special NAEP assessments of adults.

<sup>3</sup>This assessment appears in reports as part of long-term trend. Note that the Civics assessment in 1988 is the third point in trend with Citizenship/Social Studies in 1981–82 and in 1975–76. There are no points on the trend line for Writing before 1984.

<sup>4</sup>The 1986 long-term trend Reading assessment is not included on the trend line in reports because the results for this assessment were unusual. Further information on this reading anomaly is available in Beaton and Zwick (1990).

<sup>5</sup>State assessments in 1990–94 were referred to as Trial State Assessments (TSAs).

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