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ABSTRACT

Data holdings of the National Center for Higher Education Management Systems as of November 30, 1984, are described. For each set of data, the following items are included: name, originating organization, contact person for originating organization, frequency of issue, time span covered by the data, subject matter and scope of the data, availability, references, and notes. Data sets that are covered include the nine Higher Education General Information Surveys (HEGIS) on institutional characteristics; opening fall enrollment; financial statistics; earned degrees conferred; salaries, tenure, and fringe benefits of full-time instructional faculty; residence and migration of college students; college and university libraries; students enrolled for advanced degrees; college and university facilities; and the HEGIS universe file. Four National Center for Education Statistics surveys/databases are also included: Directory of Postsecondary Schools with Occupational Programs; Participation in Adult Education, National Longitudinal Survey, and High School and Beyond. Additional data sets covered include four National Science Foundation surveys and 11 additional surveys/databases, including the Community, Junior, and Technical College Directory, and the Higher Education Directory.
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NCHEMS DATA HOLDINGS
FY84

Melodie E. Christal

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National Center for Higher Education Management Systems

November 30, 1984

HE 019 406

NCHEMS Data Holdings

FY84

NCHEMS has acquired what may be the most comprehensive set of data about higher education in this country. Current holdings include data from the nine full sample surveys (finance, enrollments, faculty, and so on) collected by the National Center for Education Statistics (NCES) via the Higher Education General Information Surveys (HEGIS), as well as other NCES-initiated data collections; the National Science Foundation; the Bureau of the Census; the Cooperative Institutional Research Program; and a variety of other data. This document presents a description of NCHEMS data holdings as of November 30, 1984.

For each set of data, the following items are included:

Name. Identifies the data set by the name used by the originating organization. It is almost always the name in common usage.

Originating Organization. Identifies the organization responsible for the data collection effort. It is often an organization that carries out a study under contract or sponsorship of another organization.

Contact Person for Originating Organization. Identifies a person who can supply additional information about the data (often the survey director responsible for administering the data collection). This person may be contacted for information regarding data collection methodology, contents, the availability of the data, and so on.

Frequency of Issue. Notes how often the survey or data collection effort is carried out.

Time Span Covered by the Data. Indicates the predominant time period associated with the data. It may also indicate how long the data have been collected.

Subject Matter and Scope of the Data. Describes the data or survey--its purpose, the respondents, sampling methodology, other collection notes of importance, the major data elements, the size, and the unit of analysis.

Availability. Describes the availability of the data at NCHEMS.

References. Identifies additional references that describe the data. There may be research reports containing an analysis of the data and a description of the collection methodology. Or there may be an overview or guide to the data.

Notes. The last section is used for additional comments about the data. Confidentiality agreements are noted and what limitations they may have on access to the data.

HEGIS: Institutional Characteristics

Originating Organization: Department of Education
National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Susan G. Broyles, Survey Director
(202) 254-6503

Frequency of Issue: Annual

Time Span Covered by Data: Academic year 1966-67 to 1981-82; academic year 1983-84 (in academic year 1982-83 only the basic student charges portion of the survey was administered); continuing

Subject Matter: All institutions of higher education (over 3,000) are asked to provide basic, descriptive information about the institution including phone number, address, congressional district and county in which it is located, FICE code number, entity number, date established, fall enrollment, undergraduate tuition and fees, sex of student body (men, women, or coed), calendar system, control or affiliation, highest level of offering, type of program, NCES classification designation, and recognized accreditation. From this data collection effort, the Higher Education Directory is published annually.

Availability: NCHEMS has acquired these data for AY1969-70 through 1981-82 and 1983-84. NCHEMS has acquired the AY1982-83 basic student charges.

References: U.S. Department of Education. NCES. Education Directory, Colleges and Universities: 1983-84, by Susan G. Broyles and Rosa M. Fernandez. Washington D.C.: Government Printing Office, 1984.

U.S. Department of Education. NCES. College Costs: Basic Student Charges, 2-Year and 4-Year Institutions 1983-84, by Susan G. Broyles and Rosa M. Fernandez. Washington, D.C.: Government Printing Office, 1984.

Notes: The form has been consistent in structure over the years. Changes have involved variance in the accrediting agencies listed, in the list of administrators to be included, and in the classification of institutions for published information. The names and titles of the chief administrative officers were dropped in 1981-82. This information is now collected by Higher Education Publishers. Only the basic student charges portion of the survey was administered in 1982-83.

HEGIS: Opening Fall Enrollment

Originating Organization: U.S. Department of Education
National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Susan G. Broyles, Survey Director
(202) 254-6503

Frequency of Issue: Annual

Time Span Covered by Data: Fall 1966 to fall 1982; continuing

Subject Matter: Institutions of higher education are asked to report student enrollments by sex, full-time/part-time status, level, and first-time freshmen. In 1976 this survey merged with the Office of Civil Rights enrollment survey so that in even numbered years, data are collected by racial/ethnic groups and by selected programs.

Availability: NCHEMS has acquired these data for fall 1970 through 1982. The new file is acquired each year.

References: U.S. Department of Education. NCEs. Fall Enrollment in Colleges and Universities: 1982 Update, by Susan G. Broyles. Washington, D.C.: Government Printing Office, 1982.

Notes: Categories for defining student level have changed since the survey originated. Through fall 1972 resident and extension students were counted separately. Subsequently counts were requested for all students (resident and extension combined). Through fall 1975 undergraduates were categorized by upper/lower division and bachelor/nonbachelor degree programs. Subsequently there was no distinction of program type.

In fall 1980 reporting of part-time students was changed. Instead of reporting undergraduates by level, now there are only two breakdowns: for first-time freshmen and for all other undergraduates. Graduate students are similarly reported. Racial data were added in 1976-77 and are required every other year in even years. Full-time equivalents for part-time students have been collected since fall 1973. Information collected about normal full-time credit hour load and total number of credits enrolled were deleted in 1978.

HEGIS: Financial Statistics

Originating Organization: Department of Education
National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Norman J. Brandt, Survey Director
(202) 254-6503

Frequency of Issue: Annual

Time Span Covered by Data: Fiscal year 1966 to 1983; continuing

Subject Matter: All institutions of higher education are asked to provide data on expenditures, revenues, physical plant assets, indebtedness on physical plant, endowments, and changes in fund balances. Revenues are provided by source: tuition and fees, government appropriations (federal, state, and local), government grants and contracts, private gifts, endowment income. Expenditures are reported by function: instruction, research, public service, academic support, student services, institutional support, plant maintenance. For those institutions that do not respond (about 10%) NCES imputes data based on previous years or peer institutions.

Availability: NCHEMS has acquired these data for FY71 through FY82. The new file is acquired each year.

References: U.S. Department of Education. NCES Early Release. "Faculty Salaries up 9.2 Percent in 1981-82," by Norman J. Brandt. Washington, D.C.: Government Printing Office, 1981.

Notes: For FY75 the HEGIS financial definitions and form were made consistent with the Higher Education Finance Manual. Prior data on current funds revenues and expenditures is incompatible. Data on changes in fund balances were not collected until FY75; current fund balances were broken down into restricted and unrestricted categories in FY76. Data on physical plant assets and indebtedness remains consistent since FY71 with the exception of one additional item for each category. Data on endowment assets varies with items added in some years and then subsequently dropped.

HEGIS: Earned Degrees Conferred

Originating Organization: Department of Education
National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Mary A. Bobolis, Survey Director
(202) 254-6503

Frequency of Issue: Annual

Time Span Covered by Data: Academic year 1966-67 to 1981-82; continuing

Subject Matter: All higher education institutions are requested to provide data on degrees conferred by program. Data are reported by type of degree (first-professional, baccalaureate, master's, doctorate, associate, and other formal awards) and sex. In 1976, this survey was combined with a similar Office of Civil Rights survey and on a biennial basis racial/ethnic data by fields is collected.

Availability: NCHEMS has acquired the data for AY1970-71 through 1981-82. The new file is acquired each year.

References: U.S. Department of Education. NCES. Earned Degrees Conferred 1979-80, by Curtis O. Baker. Washington, D.C.: Government Printing Office, 1981.

U.S. Department of Education. NCES. Earned Degrees Conferred: An Examination of Recent Trends, by Curtis O. Baker. Washington, D.C.: Government Printing Office, 1981.

Notes: The form has remained consistent in structure. Beginning in 1979-80 different forms are used for two-year and four-year institutions. Racial/ethnic data were added in 1975-76 and were required again in 1976-77. Since then racial/ethnic data are collected biennially and (i.e., 1978-79 and 1980-81). The 4-digit HEGIS taxonomy of instructional programs was replaced in 1981-82 with a new 6-digit Classification of Instructional Programs (CIP).

HEGIS: Salaries, Tenure, and Fringe Benefits of Full-time Instructional Faculty

Originating Organization: Department of Education
National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Norman J. Brandt, Survey Director
(202) 254-6503

Frequency of Issue: Annual

Time Span Covered by Data: Academic year 1966-67 to 1982-83; continuing

Subject Matter: Higher education institutions are requested to provide data on full-time instructional faculty defined as those members who are employed full-time as defined by the institution and whose major regular assignment is instruction, including those with release time for research. The number of full-time faculty, total salary outlay, and number tenured are reported by rank, sex, and 9- or 12-month contract. Expenditures for fringe benefits are also reported by rank, contract, and type of benefit.

Availability: NCHEMS has acquired the data for AY 1967-68, and AY 1970-71 through AY 1982-83. A new file is acquired each year.

References: U.S. Department of Education. NCES. Salaries, Tenure, and Fringe Benefits of Full-time Instructional Faculty in Institutions of Higher Education, 1980-81, by Carolyn Smith. Washington, D.C.: Government Printing Office, 1981.

Notes: Information is required for faculty employed by the institution as of October 1. Data on part-time faculty are not collected. NCES edits the data files to retain confidentiality of an individual's salary. For any category in which fewer than three faculty members are reported, the salary data are suppressed.

Additional data have been collected at various times regarding salary distributions, administrative salaries, employees by resource categories (AY76-77), employees by program functions (AY72-73), academic deans (AY71-72), and other contract periods (AY71-73). In lieu of collecting data on employees other than faculty, NCES uses the Bureau of Labor Statistics' Occupational Employment Survey. The College and University Personnel Association (CUPA) conducts an annual Administrative Compensation Survey.

HEGIS: Residence and Migration of College Students

Originating Organization: Department of Education
National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Susan G. Broyles, Survey Director
(202) 254-6503

Frequency of Issue: Periodic

Time Span Covered by Data: Fall 1971, 1975, 1979, and 1981

Subject Matter: Institutions are asked to provide data on number of students by home state, student level, full-time/part-time status, and sex.

Availability: NCHEMS has acquired the data for all years in which it was collected.

References: U.S. Department of Education. NCES. Residence and Migration of College Students, Fall 1979, by Carolyn R. Smith. Washington, D.C.: Government Printing Office, 1981.

Notes: This survey has changed since it was first administered. Beginning in fall 1979 the data collected differed from those of earlier surveys in that only full- and part-time first-time students were reported by level of enrollment rather than all students by sex as in prior years. Response rates for the fall 1981 data collection were so poor that, although NCHEMS acquired the data file, most users continue to use the fall 1979 data.

HEGIS: College and University Libraries

Originating Organization: Department of Education
National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Paul F. Mertins, Survey Director
(202) 254-6503

Frequency of Issue: Biennial (usually)

Time Span Covered by Data: Academic year 1966-67 to 1981-82; continuing

Subject Matter: All college and university libraries are requested to provide data on characteristics and activities of the library. Information is included on the holdings, staff by sex, full-time/part-time status and type of position, services, facilities, and expenditures by function.

Availability: NCHEMS has acquired the data for fall 1971, 1973, 1975, 1976, 1977, 1979, and 1982.

References: U.S. Department of Education. NCES. Library Statistics of Colleges and Universities, 1979 Institutional Data, by Stanley V. Smith. Washington, D.C.: Government Printing Office, 1981.

U.S. Department of Education. NCES Bulletin. "Three Years of Change in College and University Libraries, 1978-79 to 1981-82." Washington, D.C.: NCES, February 1984. (NCES 84-208b)

Notes: Information is required as of the fall term with some data from the previous academic year. Special data are sometimes requested, but generally the form has been fairly consistent.

HEGIS: Students Enrolled for Advanced Degrees

Originating Organization: Department of Education
National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Curtis O. Baker
(202) 254-6503

Frequency of Issue: Annual; discontinued after fall 1975

Time Span Covered by Data: Fall 1966 to fall 1975; discontinued

Subject Matter: All higher education institutions offering a baccalaureate or post-baccalaureate degree are requested to provide enrollment data by program. In fall 1975 this survey collected program enrollments for upper division students, first-year graduate students, continuing graduate students, and first-professional students by sex and full-time/part-time status. Before 1975, the data were collected only for graduate and first-professional students.

Availability: NCHEMS has acquired the data for fall 1971 through fall 1975.

References: U.S. Department of Health, Education, and Welfare. NCES.
Students Enrolled for Advanced Degrees, Fall 1975. Washington,
D.C.: Government Printing Office, 1977.

Notes: The form was discontinued after fall 1975.

HEGIS: College and University Facilities

Originating Department of Education
Organization: National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Norman Brandt, Survey Director
Person: (202) 254-6503

Frequency of Issue: Periodic; most recent AY 1974-75

Time Span Covered by Data: Academic year 1966-67 to 1974-75

Subject Matter: All higher education institutions are asked to respond to a survey asking for information on the number of square feet of physical plant space available for each institution. The plant space is classified by the type of room, function of room, organizational unit to which assigned, and the instructional program in which utilized.

Availability: MCHEMS has acquired the data for fall 1971 and fall 1974.

References: U.S. Department of Health, Education, and Welfare. NCES. Inventory of Physical Facilities in Institutions of Higher Education. Washington D.C.: Government Printing Office, 1977.

Notes: This survey has not been administered since AY1974-1975.

HEGIS Universe File

Originating Organization: National Center for Education Statistics
400 Maryland Avenue, S.W.
(The Brown Building, Room 606)
Washington, D.C. 20202

Contact Person: Melodie E. Christal, NCHEMS
(303) 497-0333

Frequency of Issue: One time

Time Span Covered by Data: Academic year 1971-72 through 1980-81

Subject Matter: Changes and discontinuities in the reporting universe for HEGIS are documented in electronic form. Openings, closings, mergers, aggregations, and disaggregations are coded. Flags indicate the occurrence of data for institutional characteristics, financial statistics, fall enrollment, degrees conferred, and faculty salaries data for each year.

Availability: NCHEMS has the universe file as well as some supplementary files used to generate the universe file.

References: National Center for Higher Education Management Systems. "Guide to the Analysis of HEGIS Data," a report submitted to the National Institute of Education and the National Center for Education Statistics, March, 1983.

Notes: It is likely that NCHEMS will update the universe file periodically for internal use.

NCES: Directory of Postsecondary Schools with Occupational Programs

Originating Organization: National Center for Education Statistics
400 Maryland Avenue, S.W.
Washington, D.C., 20202

Contact Person: Thomas Litkowski
(202) 254-5246

Frequency of Issue: Biennial

Time Span Covered by Data: Academic year 1970-71 to present

Subject Matter and Scope of Data: Over 9,000 institutions with occupational programs respond to this survey. Schools in the HEGIS universe are not asked to respond but for those schools with occupational programs, the data from the HEGIS Institutional Characteristics file are placed on the data base. This survey calls for full- and part-time enrollment by major type of program, program offerings, accreditation by type of program and accrediting agency, student eligibility for government funding by source, type of control, characteristics of the institution, and institution name and affiliation.

Availability: NCHEMS has acquired the data for AY 1976-77 and AY 1978-79.

References: U.S. Department of Education. National Center for Education Statistics. Directory of Postsecondary Schools with Occupational Programs. Published biennially.

NCES: Participation in Adult Education

Originating Organization: National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Thomas Litkowski
(202) 254-5246

Frequency of Issue: Triennial

Time Span Covered by Data: 1969 to present

Subject Matter: A standard set of demographic data is requested (sex, age, race, etc.) along with information on employment. For the adult-education part of the survey, the respondent provides for each course taken in the previous 12 months, data on type of course, location, sponsor, hours per week, duration in weeks, completion status, reasons for dropping the course, credit received, financing, reasons for taking the course, and perceived degree of helpfulness.

Availability: NCHEMS has acquired the May 1975 data file only.

References: U.S. Department of Education. NCES. Participation in Adult Education: Final Report 1981, by Evelyn R. Kay. Washington, D.C.: Government Printing Office, 1981.

Notes: In May 1969, May 1972, May 1975, May 1978, and May 1981, the Bureau of the Census, under contract with NCES, had the interviewers administer a questionnaire on Participation in Adult Education in the Current Population Survey sample of households. Interviewees were asked if anyone in the household 17 years of age or older had participated in adult education in the 12-month period prior to the survey date. Adult education was defined as "organized learning to meet the unique needs of persons beyond compulsory school age who have terminated or interrupted their formal schooling."

NCES: National Longitudinal Survey

Originating Organization: National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Andrew Kolstad
(202) 254-7361

Frequency of Issue: Base year with followups

Time Span Covered by Data: Base year 1972; followups in 1973, 1974, 1976, and 1979.

Subject Matter: The National Longitudinal Survey (NLS) provides continuously updated, national data on the education, job training, and vocational histories of nationally representative samples of young people. It reports on the extent to which career plans and aspirations persist and are eventually fulfilled; personal characteristics of those choosing various kinds of postsecondary education and occupations; impact of federal funds on educational participation and attainment; and the extent to which educational experiences prepare youth for work.

Availability: NCHEMS has acquired the 1972 base year and the 1973, 1974, and 1976 followups.

References: Samuel S. Peng, Cecille E. Stafford, and Robin J. Talbert. Review and Annotation of Study Reports. Washington, D.C.: NCES, 1977.

U.S. Department of Health, Education, and Welfare. NCES. The Base Year Survey of the National Longitudinal Study of the High School Class of 1972, by T. L. Hilton and M. Rhett. Princeton, N.J.: Educational Testing Service, 1975.

U.S. Department of Education. NCES. A Capsule Description of Young Adults Seven and One-half Years After High School, by Graham J. Burkheimer and Thomas P. Novak. Research Triangle Park, N.C.: Research Triangle Institute, 1981.

Notes: The study began in the spring of 1972 with a survey of high-school seniors in the class of 1972. A student questionnaire, a battery of verbal and nonverbal aptitude tests, a school questionnaire, a counselor questionnaire, and school records furnished data on a nationally representative panel of seniors (over 20,000) from a sample of 1,200 public and nonpublic secondary schools.

NCES: High School and Beyond

Originating Organization: National Center for Education Statistics
400 Maryland Avenue, S.W.
The Brown Building, Room 606
Washington, D.C. 20202

Contact Person: Jeff Owin
(202) 254-7361

Frequency of Issue: Longitudinal, base year 1980, periodic resurveys
of subsamples

Time Span Covered by Data: Base year 1980, periodic resurveys

Subject Matter: Questionnaires and tests were used to collect national longitudinal data on cohorts of 1980 high school seniors and sophomores in the United States. Student questionnaires covered background, school activities, out-of-school activities, attitudes, post-high-school plans and aspirations, primary languages other than English, and best friends. Test batteries were also administered. Questionnaires and tests were administered to non-sample twins. Data on schools were collected through school questionnaires completed by the principals, teacher's comment forms, field staff reports, and printed materials about curriculum, rules, activities, and graduation requirements. Data from parents concentrating on financing of higher education were also collected.

Availability: NCHEMS has acquired the base year (1980) data files for students, parents, language, and schools.

NSF: Survey of Graduate Science and Engineering Students and Postdoctorates

Originating Organization: National Science Foundation
Universities and Nonprofit Institutions Studies Group
Division of Science Resources Studies
Room L-602, 1800 G. Street, N.W.
Washington, D.C. 20550

Contact Person: Mr. J. G. Huckenpahler, National Science Foundation
(202) 634-4673

Frequency of Issue: Annual

Time Span Covered by Data: Fall 1973 to fall 1982; continuing

Subject Matter: Since 1972 the National Science Foundation in cooperation with the National Institutes of Health has conducted the Survey of Graduate Science Student Support and Postdoctorates (GSSP) to collect data from institutions of higher education, including their medical school affiliates. Originally limited to institutions which grant a doctorate degree in at least one science or engineering (S/E) field, the survey was expanded in 1976 to include master's granting institutions as well.

The survey is designed to obtain data on the characteristics of graduate enrollment at the department level, including enrollment status (full- or part-time), level of study (first year or beyond), types and sources of major support of full-time students, numbers of women studying full time and studying part time, the total number of foreign full-time graduate students, and the support of postdoctoral appointees.

Availability: NCHEMS has acquired the data for fall 1972 through fall 1982.

References: National Science Foundation. Data User Guide to the National Science Foundation Academic Science/Engineering Statistics Survey Data Tapes. Washington, D.C.: NSF, December 1983.

National Science Foundation. Academic Science: Graduate Enrollments and Support, Fall 1980. (NSF 81-330). Washington, D.C.: Government Printing Office.

Notes: Between 1967 and 1971, data on the support of graduate students and postdoctorates were collected through applications for NSF traineeships. The 1972 survey was designed to continue the collection of similar data from an expanded universe of graduate departments in all S/E doctorate-granting institutions. Each year thereafter the survey universe expanded: first through the inclusion of all medical schools with graduate programs, second with the addition of new doctorate-granting institutions and departments within the scope of the survey, and third with the inclusion of all S/E master's-granting institutions in 1976.

Between the fall 1977 and 1978 surveys, two significant changes have taken place. These changes involved reductions in the survey population and in the number of items included in the survey. NSF then returned to using the long form and collecting data from the entire population on an annual basis in fall 1979.

The survey instrument for fall 1982 survey was changed slightly. For more detailed information, refer to the Data User Guide.

NSF: Survey of Scientific and Engineering Personnel Employed at Universities and Colleges

Originating Organization: National Science Foundation
Universities and Nonprofit Institutions Studies Group
Division of Science Resources Studies
Room L-602, 1800 G. Street, N.W.
Washington, D.C. 20550

Contact Person: Ms. Judith F. Coakley or Ms. Esther F. Gist
National Science Foundation (202) 634-4673

Frequency of Issue: Annual

Time Span Covered by Data: January 1973 to January 1983; continuing

Subject Matter: The National Science Foundation's Survey of Scientific and Engineering Personnel Employed at Universities and Colleges has been conducted annually since 1973. All U.S. colleges and universities which employ scientists or engineers are normally surveyed, as are approximately 19 academically administered federally funded research and development centers (FFRDC's). The data variables collected over the years have primarily consisted of headcounts of full-time and part-time scientists by S/E field, highest degree earned, and sex, with some measure of the extent of R&D involvement. The particular measures and combinations have changed over the years. For more detailed information on the data collection, refer to NSF's Data User Guide to the National Science Foundation Academic Science/Engineering Statistics Survey Data Tapes.

Availability: NCHEMS has acquired the data for 1973 through 1983.

References: National Science Foundation. Data User Guide to the National Science Foundation Academic Science/Engineering Statistics Survey Data Tapes. Washington, D.C.: NSF, December 1983.

National Science Foundation. Academic Science: Scientists and Engineers, January 1981. (NSF 82-305). Washington, D.C.: Government Printing Office.

Notes: Two significant changes occurred between the January 1978 and 1979 survey. These changes involved reductions in the survey population and in the number of items included in the survey. In 1980, NSF returned to using the long form and collecting data from the entire population.

NSF: Survey of Scientific and Engineering Expenditures at
Universities and Colleges

Originating Organization: National Science Foundation (NSF)
Universities and Nonprofit Institutions Studies Group
Division of Science Resources Studies
Room L-602, 1800 G. Street, N.W.
Washington, D.C. 20550

Contact Person: Ms. Judith F. Coakley or Mrs. Marge Machen
National Science Foundation (202) 634-4673

Frequency of Issue: Annual

Time Span Covered by Data: Fiscal Year 1972 to 1982; continuing

Subject Matter: The National Science Foundation's Survey of Scientific and Engineering Expenditures at Universities and Colleges originated in 1954 and has been conducted annually since 1972. In addition to universities and colleges, approximately 19 academically administered Federally Funded Research and Development Centers (FFRDC's) are also surveyed. In recent years, the expenditures surveys have collected information on three areas of academic spending for scientific and engineering activities: current fund research equipment; and capital expenditures for scientific/engineering activities. The form for FY78 collected data only on separately budgeted R&D expenditures, by source and by field of science.

Availability: NCHEMS has acquired the data for FY72 through FY82.

References: National Science Foundation. Data User Guide to the National Science Foundation Academic Science/Engineering Statistics Survey Data Tapes. Washington, D.C.: NSF, December 1983.

National Science Foundation. Academic Science: R&D Funds, Fiscal Year 1980. (NSF-82-300). Washington, D.C.: Government Printing Office.

Notes: Two significant changes have taken place between the FY77 and FY78 survey; these changes include reductions in the survey population and in the number of items included in the survey. Unlike the FY72 through FY77 surveys which included doctorate-granting, master's-granting, and other academic institutions with over \$50,000 in separately budgeted research and development (R&D), the survey population for FY78 was restricted to only doctorate-granting institutions and FFRDC's. The FY78 survey utilized a short survey form with a limited number of items, whereas the FY72 to FY77 surveys utilized a longer form with two additional items. In 1980, NSF returned to using the long form and collecting data from the entire population.

NSF: Survey of Federal Support to Universities, Colleges, and Selected Nonprofit Institutions

Originating Organization: National Science Foundation
Universities and Nonprofit Institutions Studies Group
Division of Science Resources Studies
Room L-602, 1800 G. Street, N.W.
Washington, D.C. 20550

Contact Person: Mr. Richard Bennof, National Science Foundation
(202) 634-4673

Frequency of Issue: Annual

Time Span Covered by Data: Fiscal year 1971 to 1982; continuing

Subject Matter: The interagency system for reporting federal obligations to universities and colleges was established in 1965 under the auspices of the Committee on Academic Science and Engineering (CASE) of the National Research Council. Since 1968 these data have been collected annually by NSF through the survey of Federal Support to Universities, Colleges, and Selected Nonprofit Institutions. Data are currently supplied by 15 federal agencies accounting for over 95 percent of all federal obligations to the institutions included.

Data are reported at the institutional level by agency, subagency, and field of science. Data include obligations for research and development, fellowships, traineeships, and grants; R&D plant; facilities and equipment for instruction; general support to science; other support; and non-science activities.

More detailed information about the participating agencies and subagencies, the definitions of the categories of support and the fields of science, and the formats used by agencies when submitting data are found in the annual NSF publication Instructions and Specifications for Reporting Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, available from the Division of Science Resources Studies.

Availability: NCHEMS has acquired these data for FY72 through FY79.

References: National Science Foundation. Data User Guide to the National Science Foundation Academic Science/Engineering Statistics Survey Data Tapes. Washington, D.C.: NSF, December 1983.

National Science Foundation. Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1980. (NSF 82-308). Washington, D.C.: Government Printing Office.

Community, Junior, and Technical College Directory

Originating Organization: American Association of Community and Junior Colleges
One Dupont Circle, N.W., Suite 410
Washington, D.C. 20036

Contact Person: Rosemary Wohlers
(202) 293-7050

Frequency of Issue: Annual

Time Span Covered by Data: 1974 to 1981; continuing

Subject Matter: Data are collected from over 1200 two-year institutions in the United States. The data include enrollment by full-time/part-time status, community education enrollment (continuing education, non-credit), faculty by full-time/part-time status, professional staff, administrative staff, and tuition and fees. Information is also provided on control or affiliation of the school, status of accreditation, location (urban, rural), and type of institution.

Availability: NCHEMS has this data for the 1981 Directory.

References: American Association of Community and Junior Colleges. 1981 Community, Junior, and Technical College Directory, edited by Jack C. Gernhart. Washington, D.C.: AACJC, 1981.

Notes: The Association produces supplemental reports from this data base. These reports cover such topics as minority enrollments and increase in enrollments. These supplemental reports are not done on an annual basis.

Higher Education Directory

Originating Organization: Higher Education Publications, Inc.
1302 18th Street, N.W., Suite 401
Washington, D.C. 20036

Contact Person: (202) 296-9106

Frequency of Issue: Annual

Time Span Covered by Data: AY 1982-83 to AY 1983-84; continuing

Subject Matter: All institutions of higher education (over 3,000) are asked to provide basic, descriptive information about the institution including phone number, address, congressional district and county in which it is located, FICE code number, entity number, date established, fall enrollment, undergraduate tuition and fees, sex of student body (men, women, or coed), calendar system, control or affiliation, highest level of offering, type of program, NCES classification designation, and recognized accreditation, and key administrators. From this data collection effort, the HEP Higher Education Directory is published annually.

Availability: NCHEMS has acquired the data tapes for AY 1982-83 and AY 1983-84. NCHEMS plans to continue to update the data annually.

References: Higher Education Publisher. Higher Education Directory: 1984. Washington, D.C.: HEP, 1984.

Notes: This data tape differs from the similar one produced by NCES in that key administrators at institutions are identified.

These data tapes can only be used for internal purposes and cannot be sold.

Selectivity Ratings

Originating Higher Education Research Institute
Organization: 1015 Gayley Avenue, Suite 1124
Los Angeles, CA 90024

Contact Alexander Astin
Person: (213) 825-1925

Frequency of Issue: Annual

Time Span Covered by Data: 1973 to present

Subject: ~~Selectivity ratings are given along with a~~
Matter: ~~Stratification cell and institutional identifiers.~~

Availability: NCHEMS has acquired the 1973 and 1977 selectivity ratings.

Notes: THESE DATA ARE FOR INTERNAL USE ONLY!

Campus-Based Student Financial Aid Programs

Originating College Based Programs
Organization: Bureau of Student Financial Aid
 Office of Education
 Washington, D.C., 20202

Contact Fred Wells, Chief of Analysis
Person: (301) 245-9717

Frequency of Issue: Annual

Time Span Covered by Data: 1959 to present

Subject This collection of data consists of information from
Matter: institutions applying for and receiving student financial
 aid funds in three programs: Supplemental Educational
 Opportunity Grants Program (SEOG), College Work Study Program
 (CWS), and the National Direct Student Loan Program (NDSL).
 The data base is used by the Office of Education in awarding
 and monitoring funds for these programs. Data include
 enrollments by level, enrollments by family income, awards by
 program (both in terms of dollars and in terms of students),
 personnel involved in administering the programs, average
 student costs, and student aid from other sources (both in
 dollars and by number of students). Over 4,000
 postsecondary-education institutions apply for aid each year.

Availability: NCHEMS has acquired the data for FY78.

References: U.S. Department of Health, Education, and Welfare. Bureau of
 Student Financial Aid. Fact Book: Summary of Program
 Information Through Fiscal Year 1976. Washington, D.C.:
 Government Printing Office.

Notes: Although data were first collected in 1959 with the initiation
 of the NDSL program, data are available only for more recent
 years (1973 to present). The data collection instrument has
 changed a number of times making it extremely difficult to
 carry out time-series analysis on the data.

College Handbook File

Originating Organization: The College Board
888 Seventh Avenue
New York, New York 10019

Contact Person: Maureen Matheson
(212) 582-6210

Frequency of Issue: Annual

Time Span Covered by Data: Academic year 1972 to present

Subject Matter: In the fall of each year, a detailed questionnaire is sent to approximately 2,550 colleges offering undergraduate programs (2,049 responded in 1976). The questionnaire asks for type of institution, control, religious affiliation, enrollment by sex and part-time/full-time status, location (metropolitan area, city, town, rural), curriculum information (major fields of study by type of degree offered), academic regulations, admission requirements, number of freshman applications by sex and number accepted, information on student life (percentage of in-state students, percentage commuting, etc.), annual financial aid available.

Availability: NCHEMS has acquired an edited version of the file for fall 1976. Individual institutions cannot be identified so that only summary analysis can be performed on the data.

References: Maureen Matheson, ed. The College Handbook. New York: The College Entrance Board. Revised annually.

Statewide Analysis Data

Originating Organization: National Center for Higher Education Management Systems

P.O. Drawer P
Boulder, Colorado 80302

Contact Person: Melodie E. Christal, NCHEMS
(303) 497-0333

Frequency of Issue: Updated annually

Time Span Covered by Data: 1968 to present

Subject Matter: Data are transcribed annually from several sources reporting data at the state level. Data include general demographical measures (percent of urban population, population by age group, personal income, student migration) and state financial measures (tax revenues, state and local expenditures, state scholarship grants, federal aid to state and local governments, tax capacity index, tax effort index).

Availability: NCHEMS maintains files; updated periodically.

References: None

Notes: These data are used primarily for producing Higher Education Financing in the Fifty States.

City and County Data Book

Originating Organization: Government Division
Bureau of the Census
Department of Commerce
Washington, D.C. 20233

Contact Person: Customer Services
Data User Services Division (301) 763-4100

Frequency of Issue: Periodic

Time Span Covered by Data: Every five years beginning 1952

Subject Matter: This data file is the machine-readable form of the information contained in the City and County Data Book, a series published by the Bureau of the Census. The data items selected are those which represent generally useful summary measures, and are available in comparable form for all counties or for all cities. The statistics were derived from a variety of appropriate census surveys including censuses at agriculture, governments, population, and manufacturing. Demographic, social, and economic data for states, counties, SMSA's, cities, and unincorporated urban places of 25,000 or more are included.

Availability: NCHEMS has acquired the 1972 file.

References: U.S. Bureau of the Census. City and County Data Book 1977. Washington, D.C.: Government Printing Office, 1978.

Annual Demographic File

Originating Organization: Population Division
Bureau of the Census
Department of Commerce
Washington, D.C. 20233

Contact Person: Customer Services Branch
Data User Services Division
Bureau of the Census
(301) 763-4100

Frequency of Issue: Annual, based on March Current Population Survey

Time Span Covered by Data: 1968 to present

Subject Matter: The data tapes contain some 200,000 records for each year representing some 68,000 households in the United States. Basic family and individual records have been modified to avoid disclosure. Data include various family and household characteristics, age, race, sex, ethnic origin, educational attainment, income amount by types, and work experience during the previous calendar year. Comprehensive information on employment status is provided for persons 14 years old and over.

Availability: NCHEMS has acquired the 1976 data file.

References: U.S. Department of Commerce, Bureau of the Census. "Microdata from the Current Population Survey--The Annual Demographic File." Data Access Description No. 37. Available from Subscribers Services Section, Social and Economic Statistics Administration, Washington, D.C. 20233.

Notes: This is the March Supplement to the Current Population Survey. The March Current Population Survey is the only monthly survey with structures and contents similar to the 1960 and 1970 census basic records.

Current Population Survey: October

Originating Bureau of the Census
Organization: Department of Commerce
Washington, D.C. 20233

Contact Customer Services
Person: Data User Services Division
(301) 763-4100

Frequency of Issue: Monthly

Time Span Covered by Data: 1968 to present

Subject Matter: The basic information collected every month provides data on labor force activity the week prior to the survey. Comprehensive data are available on the employment status, occupation, and industry of persons 14 years old and over. Characteristics such as age, sex, race, marital status, household relationship, educational background, and Spanish origin are shown for each person 14 years old and over in the household surveyed.

In addition, supplemental surveys are sometimes taken at the same time the basic data are gathered. The Current Population Survey, October 1968 to 1978 files, contain data on current school enrollment, type of school in which enrolled, and grade attending for all persons 3 years and older. Other school enrollment information varies from year to year.

The Current Population Survey, October 1971 to 1972 has data on recent college graduates, while the Current Population Survey, October 1973, contains postsecondary school information as well as the school enrollment data.

Availability: NCHEMS has acquired the October 1979 data tape. A subset of October CPS data is available for the years 1973-1979.

References: U.S. Department of Commerce, Bureau of the Census. The Current Population Survey: Design and Methodology. Technical Paper 40 (1978).

National Longitudinal Surveys of Labor Market Experience

Originating Organization: Center for Human Resource Research
5701 North High Street
Worthington, Ohio 43085

Contact Person: Ellen Mumma
User's Office

Frequency of Issue: Base year 1966 with followups

Time Span Covered by Data: 1966 to present

Subject Matter: Under contract to the Employment and Training Administration of the Department of Labor, the Center for Human Resource Research in collaboration with the Bureau of Census began in 1966 a longitudinal survey of the labor-market experience of four groups in the U.S. population: men 45 to 59 years of age, women 30 to 44 years of age, young men 14 to 24 years of age, and young women 14 to 24 years of age.

Availability: NCHEMS has acquired data files for Young Men 1966-1975, Young Women 1966-1975, Men 1966-1972, Women 1966-1972.

References: The National Longitudinal Surveys Handbook. Columbus, Ohio: Ohio State University, 1975.

Notes: In the first five years, interviews were conducted biennially for the older cohorts and annually for the younger groups. The surveys were continued again for five-year periods in 1972 and 1977. In addition, a new cohort of young men and women was drawn in 1977. Each of the four cohorts was represented by a national probability sample of approximately 5,000 individuals.

Data collected include labor-market experience (participation, job history, and unemployment); socioeconomic and human capital (education, family characteristics, financial characteristics, job attitudes, work attitudes, aspirations and expectations, and other social-psychological variables); and environmental variables (characteristics of the local area in which the respondents reside).

Annual Survey of Entering Freshmen

Originating Organization: Cooperative Institutional Research Program (CIRP)
University of California
Los Angeles, California 90052

Contact Person: Alexander Astin, CIRP
(213) 825-1925

Frequency of Issue: Annual

Time Span Covered by Data: Academic year 1966 to present

Subject Matter: This annual survey is conducted in the fall of each year. All entering freshmen of the participating institutions are asked to fill out the questionnaire during student registration or soon after. About 200,000 to 300,000 useable responses are received from about 500 to 600 institutions. Data include a wide range of biographic and demographic data, high school background and activities, career plans, educational aspirations, current attitudes, and financial-aid arrangements.

Availability: NCHMES has acquired the data for 1966 to 1979.

References: Alexander W. Astin, Kenneth C. Green, William S. Korn, and Mary Jane Maier. The American Freshman: National Norms for Fall 1983. Los Angeles: University of California and American Council on Education, 1983.

Notes: The data are weighted to represent the population of entering freshmen at all higher-education institutions in the United States. The major stratifications are institutional control (public, private), institution type (two-year, four-year, university), predominant race of the institution, and selectivity (a measure of institutional quality).