Documentation for the Academic Library Survey (ALS) Data File: Fiscal Year 2000

(Public Use)

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June 2006

Carl M. Schmitt
**National Center for
Education Statistics**

Jeffrey W. Williams
Program Director
**National Center for
Education Statistics**

U.S. Department of Education
Margaret Spellings
Secretary

Institute of Education Sciences
Grover J. Whitehurst
Director

National Center for Education Statistics
Mark Schneider
Commissioner

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> 1990 K Street NW
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Content Contact

Jeffrey W. Williams
(202) 502-7476
jeffrey.williams@ed.gov

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U.S. Department of Education
Institute of Education Sciences
NATIONAL CENTER FOR EDUCATION STATISTICS
1990 K Street NW
Washington, DC 20006

I. Introduction

The purpose of this report is to document the procedures and methodologies employed during the Academic Library Survey of 2000. This report is designed to provide guidance and documentation for users of the public-release and restricted-use data files. Information about the universe of academic libraries and how to access this information is included in this report.

A. History of Academic Library Survey

The Academic Library Survey (ALS) data have been collected by the National Center for Education Statistics (NCES) since 1966. Between 1966 and 1988, data on academic libraries were collected in the following years: 1968-69,1971-72, 1973-74,1975-76,1977-78, 1979-80,1982-83,1985-86 within the framework of the Higher Education General Information System (HEGIS). Beginning in 1988, the library survey was collected biennially in even-numbered years: 1988, 1990, 1992, 1994, 1996, and 1998 as part of the Integrated Postsecondary Education Data System (IPEDS). Beginning in 2000, the ALS data collection was conducted independently of IPEDS by the NCES library program.

Through 1998, the ALS data were collected by paper survey instrument. Beginning in 2000, data were collected through a web-based system.

The ALS and IPEDS data have historically been collected and processed for NCES by the U.S. Census Bureau. Throughout these years, the National Commission on Libraries and Information Science (NCLIS), and the American Library Association's Office of Research and Statistics (ALA-ORS) have provided substantial assistance and guidance for the collections of the ALS. These organizations participated in the 1990 NCES/IPEDS Academic Libraries Survey Improvement Project, which appointed a librarian in each state who would act as a data coordinator to work with IPEDS data coordinators in collecting library data.

With the advent of the web-based data collection, data are collected directly from libraries. All data checks and quality control issues are reconciled with the local library personnel completing the web data collection.

B.   NCES Academic Library's Universe Survey 2000

This documentation describes the Academic Library Survey (ALS) data files for the 2000 fiscal year. The fiscal year 2000 Academic Libraries Surveys (ALS) includes data on 3,527 academic libraries that are associated with degree-granting postsecondary educational institutions throughout the 50 states, and the District of Columbia. These libraries have the following basic characteristics:

- Include an organized collection of printed or other materials such as books, periodicals, microforms, and audiovisual recordings, or a combination thereof;

- Have a staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele;

- Maintain an established schedule in which services of the staff are available to clientele;

- Based in physical facilities that are necessary to support such a collection, staff, and schedule.

Types of Academic Libraries:

- **Main or Central Libraries:** The central library is the library that houses the basic collection of printed and other materials. This library may administer branch libraries.

- **Branch and Independent Libraries:** These are auxiliary library service outlets with quarters separate from the central library of an academic institution. They have a basic collection of books and other materials, a regular staffing level, and an established schedule. Branch and independent libraries are administered either by a central library or, as, in the case of some libraries (such as law, medical, etc.), through the administrative structure of other units within the postsecondary education institution. (Departmental study/reading rooms are not included.)

Library Universe Frame

The 2000 Academic Library universe survey frame is linked to the NCES Integrated Postsecondary Education Data System (IPEDS)[1] universe of postsecondary education institutions that are 2-or-more-year, degree-granting, Title IV recipient institutions within

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[1] **The Integrated Postsecondary Education Data System (IPEDS)** is the core postsecondary education data collection program for NCES. It is a system of surveys designed to collect data from all primary providers of postsecondary education. IPEDS is a single, comprehensive system designed to encompass all institutions and educational organizations, which have providing postsecondary education as their primary purpose. The IPEDS system is built around a series of interrelated surveys to collect institution-level data in such areas as enrollments, program completions, faculty, staff, and finances throughout the United States and the outlying areas.

the 50 States and DC for the academic year 2000-01. Also included in this universe are the three primary military academies (Army, Air Force, and Navy). [2]

Each institution in the IPEDS data system is uniquely identified by a UNITID, which represents the academic institution. ALS uses the UNITID of the reporting academic institution to identify the institution with which the library is affiliated.[3] In cases where a library may be shared, ALS may contain a record for each academic institution that meets its criteria and which shares the facility. It is possible that a branch institution may be defined as a "child." If defined as a "child," the branch institution will have its data reported with and stored in the designated "parent" library record. In this case, the "parent" library may be the main or central library. The ALS record for the "child" library will not contain specific information pertaining to the operation of this library. The parent/child designation is used for the sole purpose of reporting data. The reported data are aggregated to represent all libraries defined in this relationship. It is also important to note that "child" libraries may not be branch libraries. It is also possible that academic institutions that share an academic library facility may designate one institution

Of a total of 3,923 postsecondary institutions within the 50 States and District of Columbia identified to be surveyed, 156 were identified as "child" institutions and 240 were identified as out of scope. Data for the "child" institutions were provided by the "parent" institution or office. Out of scope institutions were defined based on their responses to the screening questions. Institutions were defined as out-of-scope and **excluded from the data file** if: 1) they indicated they did not participate in Title IV funding; 2) they indicated they had no library at the institution; or, 3) they did not respond to the screening questions. Of the remaining 3,527 in-scope and non-child degree-granting Title IV receiving postsecondary education institutions in the 50 States and the District of Columbia, responses were received for 3,084 institutions, yielding a response rate of 87.4 percent for the academic institutions requested to report data. Data were imputed for the 443 nonresponding institutions (12.6 percent of the 3,527 institutions), enabling them to be included on the information tables. It should also be noted that "child" libraries remain on the data file even though they do not report information about their library attributes. This facilitates counts of academic institutions that have or share a library facility.

C.   Data Confidentiality

Separate laws (see http://nces.ed.gov/statprog/confid3.asp) govern the protection of the confidentiality of individually identifiable information collected by the National Center for Education Statistics—the Privacy Act of 1974. These laws require NCES to ensure that the confidentiality of respondents is maintained.

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[2] The US Coast Guard Academy was not included in the 2000 IPEDS data as a Title IV Federal funds receiving military institution. The US Merchant Marine Academy is customarily considered a military academy although the students pay tuition and the institution received Title IV federal funding.
[3] Researchers can, therefore, merge data from the various IPEDS components (enrollment, degrees awarded, etc.) to ALS (and vice versa) using this field.

For this reason, data for the ALS are released as public-use and restricted-use files.

Public- and Restricted-Use Data Files

NCES releases data to the public for statistical purposes only. Every effort has been made to provide the maximum research information that is consistent with reasonable confidentiality protections. Record matching to identify individual respondents or deductive disclosure by any user is prohibited. Procedures for disclosure avoidance were used in preparing public-use data for release. The Academic Library Survey data file is available in two versions: public-use data and restricted-use data. Data on the public-use files have been modified so that individual respondents cannot be identified. Restricted-use files, which include all reported data, are released only to researchers licensed by NCES. (For information on obtaining a restricted-data user's license, see the website http://nces.ed.gov/statprog/confid5.asp.)

Public-use data. On the public-use Academic Libraries Survey data file, the data fields suppressed (values set to missing and the corresponding variable imputation flag set to "H") are the expenditures for salaries and wages reported in part B, expenditures for "Other Operating Expenditures" (part C, line 20) and "Employee Fringe Benefits Paid by Library" (part B, line 08b) of the survey when there were two (2) or fewer pertinent full-time equivalent personnel.

The following specific variables are suppressed: SWLIBPRO (Salaries and wages for librarians and other) when STLIBPRO (Total Librarians and professional staff) is 2 or fewer; SWOTH (Salaries and wages for All other paid staff (except students)) when STOTH (All other paid staff (except students)) is 2 or fewer; SWASST (Salaries and wages for Student assistants) when STASST (Student assistants) is 2 or fewer; SWTOT (Total salaries and wages) when STTOT (Total staff) is 2 or fewer; EXOTH (All other operating expenditures) when STTOT is 2 or fewer; and FRINGE (Employee fringe benefits) when either STLIBPRO or STOTH or STASST or STTOT is 2 or fewer.

The library's Total Operating Expenditures, other expenditures (for specific expenditure categories such as audio-visual, books, or computer software, etc.), and other non-personal data are not affected by the suppression of these data.

Restricted-use data. No data are suppressed on the restricted-use versions of the Academic Library Survey data file. Since the inclusion of all expenditures data, regardless of the number of employees, enables the identification of individual salary data, researchers requiring access to the restricted-use data for analysis must obtain a license from NCES to use the data. To obtain a license, the following information is necessary:

1. The title of the database(s) the organization wants to access;
2. A description of the statistical research project necessitating access to the restricted-use database;

3. The name and title of the senior official having authority to bind the organization to the provisions of the license agreement;

4. The name and title of the principal project officer(s) who will oversee the daily operations;

5. The names, titles, and telephone numbers of the professional/technical and support staff who will have access to the data;

6. The estimated loan period (not to exceed 5 years) for accessing the data; and

7. The desired computer media format.

NCES will review the submitted documents for content and completeness and inform the requestor whether a license to use the restricted data is approved. See the following NCES website for more information: http://nces.ed.gov/statprog/confid5.asp.

D. Information Included in the Academic Library Survey Data Collection

The ALS data in this file are for the fiscal year completed in 2000. The actual fiscal year dates vary among institutions, but it usually ends before October 1. The data in this file cover academic libraries in 2-or-more-year degree-granting Title IV participating postsecondary institutions in the 50 States and the District of Columbia. The ALS data file includes information on library staffing, operating expenditures, library collections, library loan transactions, electronic services, and technology assistance services provided by each library. Information about library staff and services are collected for a single point in time during the fall of the year of data collection to reflect a typical week.

Cautions regarding the analysis of data by state, level, and control of institution.

This technical report focuses on information from a census of academic libraries in 2000. The presentation of numbers, proportions, and percentages is descriptive only of libraries in the period referenced. While data were imputed for nonresponse, the number of unit nonresponses can vary by state and affect the reliability of the state data. See Table F-1 in Appendix F for item response rates by level and control of institution. Table F-2 in Appendix F presents the distribution of the set of unit nonrespondents by state and by level and control of institution. Table F-3 in Appendix F shows the number of academic libraries by state, level, and control of institution. The data user should be especially cautious in using data at a level of detail where the nonresponse rate was 15 percent or greater.

E. Uses of the Academic Library Survey Data

In general, the library data have been used by policymakers for planning and comparative analysis, and by institutional staff for planning and for peer analysis. The Academic Library Survey data have been used by federal, state, and other policy related program personnel, the congress, federal agencies that administer library grants, state education agencies (SEAs), accreditation review programs, library administrators, academic managers, and national postsecondary education policy planners, and various library associations.

Information about libraries related to postsecondary academic institutions has been used for the practical purposes of estimating the academic quality of the institution. Some of the specific other uses of the ALS survey data are listed below.

- Evaluations of the condition of academic libraries for collections development, resource sharing, and networking activities by federal agencies that administer library grants.

- Comparisons of the libraries at the national, regional, and state levels by SEAs.

- Quality assessments of accreditation review programs for academic institutions (evaluating postsecondary education institutions, establishing standards, and modifying comparative norms).

- Assessments of the impact of rapid technological change on the collections, budgets, and staffs of academic libraries by administrators, academic managers, and national policy planners. College librarians and administrators use these data to develop plans for the most effective use of local, state, and federal funds. Staff data are input to supply/demand models for professional and paraprofessional librarians.

- Evaluations of the general status of the library profession by library associations such as the American Library Association, the Association of Research Libraries, and the Association of College and Research Libraries utilize ALS data. Other research organizations use the data for studies of libraries.

II.   Methodology

A.   Web Data Collection

Prior to 1998 the ALS data were collected through IPEDS data coordinators using paper data collection instruments. Survey forms were mailed to institutions during the summer of the data collection year, with returns requested to be made by the fall. Data could be submitted via the paper forms although the coordinators were encouraged to use the software package "Input and Data Editing for Academic Library Statistics" (IDEALS), and submit the data on diskette to the U.S. Census Bureau.

Beginning in 2000, the ALS was transformed into a web-based survey. With this methodology, data are submitted by the respondents directly to the U.S. Census Bureau through the NCES web data collection application. Registration material is sent out in August, and responses are collected from October through February. The web-based collection incorporates internal consistency edit checks, range checks, and summation checks applied to prior ALS data collections. Warnings are provided to the respondent during the course of data entry when the data checking process detects a discrepancy with previously submitted data.

Appendix E provides detailed descriptions of the editing and imputation processes.

B.   Coverage and Response Rate

For the Academic Library Survey of 2000, 3,923 postsecondary institutions within the 50 States and the District of Columbia were identified. Of these, 3,527 degree-granting postsecondary institutions in the 50 states and the District of Columbia with academic libraries in 2000 are used for the analysis. The following records are not included in the E.D. Tabs publication for 2000:

- "child"[4] institutions (N = 156). "Child" institutions have a value of "2" for the parent/child indicator variable CYPARCH. To remove these from any analysis file, select institutions on the CYPARCH variable not equal to 2.

- out-of-scope institutions (N = 240). Out of scope institutions are those that either do not participate in Title IV federal financial aid program, did not respond to the survey screening questions, or indicated they did not have a library facility. **Out-of-scope institutions have been removed from the data file**.

The response rate among the 3,527 institutions was 87.4 percent. Of the 3,527 institutions, 443 were unit non-respondents as shown on the STATUS variable value equal to 4. Records for the nonresponding libraries (443 or 12.6 percent of 3,527 libraries on the data file) are included on the data file, with imputed data.

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[4] See prior discussion of "child" and branch institutions.

The response rates for each variable in the ALS 2000 survey are given in Appendix F, Table F1. Item response rates (for all libraries) are calculated applying the total number of libraries (3,527) as the denominator for the universe of institutions (shown in column 1). The total number of libraries in other sub-categories is used as the denominator for the calculation of the item response rates in the respective sub-categories shown in the remaining columns.

III.   User's Guide for Processing the Academic Library
Universe Survey Data

A.   Data Files

Public-use data files are available in ASCII and MS Access formats. These can be downloaded from the NCES website (http://nces.ed.gov/surveys/libraries/).

See prior note on confidential data in Part II section C about how to obtain the restricted-use data files. See the website http://nces.ed.gov/pubsearch/licenses.asp for information about obtaining a license for restricted-use data files.

The ALS 2000 data files are named as follows.

> 1. Tab delimited ASCII (flat file) format:
> ALS_2000_R.2.A.TXT
> ALS_2000_P.2.A.TXT

> 2. MS ACCESS database:
> ALS_2000_R.2.A.MDB
> ALS_2000_P.2.A.MDB

The **file naming and versioning** convention applied for the ALS 2000 file is as follows:
> Position 1-3: Survey (ALS)
> Position 4: Underscore (_)
> Position 5-8: Year (2000)
> Position 9: Underscore (_)
> Position 10: Restricted-use or Public-use (R or P)
> Position 11: Period (.)
> Position 12: Release status (preliminary = 0, final = 1, subset of final = 2)[5]
> Position 13: Period (.)
> Position 14: subsequent versions, beginning with A (A - Z)

SAS and SPSS program syntax files to create SAS and SPSS data files for analysis also are available on the same web page on which the data is available.[6] These programs contain all the format, variable, and value label information necessary for creating a complete master file of all variables and data. The syntax files also contain code for generating the frequency and continuous variable statistics. The frequency and continuous variable statistics sections, however, are commented out in these syntax files, but can be activated at the user's discretion. **Additionally, the path name and directories specified in these programs must be modified to fit the requirements of the individual computer system on which the program is to be run.**
The pertinent files are:

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[5] Release status final = 2 includes data on institutions within the 50 states and the District of Columbia.
[6] SAS and SPSS program syntax programs, rather than system files, are provided with a view to transcending problems related to changes in software versions.

The SAS program to read the restricted-use file is Read_ALS_2000_R.2.A.SAS.TXT
The SAS program to read the public-use file is Read_ALS_2000_P.2.A.SAS.TXT
The SPSS program to read the restricted-use file is Read_ALS_2000_R.2.A.SPSS.TXT
The SPSS program to read the public-use file is Read_ALS_2000_P.2.A.SPSS.TXT.

Users who prefer MS ACCESS format can download the ACCESS database. The ACCESS database has a single table that contains all the data from the ALS survey.

All restricted-use files can be obtained only after an NCES data license has been approved. Data will be made available on CD-ROM, with appropriate documentation.

B.   Record Identifier (UNITID)

Institutions in ALS are identified by the UNITID associated with the postsecondary institution with which they are affiliated. This is the same identifier used to identify postsecondary institutions in the IPEDS data collection system. ALS data, therefore, can be linked to a broad range of IPEDS institutional data using the institution's UNITID. Although previous ALS surveys defined UNITID as numeric, ALS 2000 defined UNITID in character format. This was done so that the format would be consistent with other ALS variables that contain UNITID, such as UNITIDX, LIBSHAR1, LIBSHAR2, LIBSHAR3. This is also consistent with other surveys that define IDs that are not used for mathematical qualities in character format. However, it is important to note that if the user wants to merge the ALS and IPEDS data files, that IPEDS defines UNITID as numeric. Merging the file requires that the UNITIDs be consistent.

C.   Imputation Status Flags[7]

All variables were imputed for 443 non-responding libraries of the 3,527 institutions with academic libraries. Responses on particular variables were also imputed for partial respondents. An imputation "status" flag that shows whether or not it was imputed, and the corresponding algorithm applied is available for each imputed variable. The naming convention for these flags is an 'X' followed by the variable name. If the value of that flag is "R," the value for the associated variable was reported. If the value of the flag is anything other than "R" (A, C, I, P, T, Z), the value for the associated variable was imputed. To remove all imputed values from the data, the values of variables that have an imputation flag not equal to "R" should be removed or not included for analysis. (Note:

---

[7] ALS Imputation and Suppression Codes: A = "Analyst adjusted a reported value"; C = "Analyst corrected a cell that was blank"; H = "Data suppressed"; I = "Imputation for a cell that previously was a nonresponse, using a method other than prior year"; N = "Original data field was blank"; P = "Imputation for a cell that previously was a nonresponse, using prior year data"; R = "Original data value was reported"; S = "Not applicable, not imputed"; T = "Total replaced with sum of detail during imputation"; Z = "Implied reported zero value"; H = "the value for the variable was suppressed," on the public-use file only.

The flag variables are single character fields.) If the value of the flag is "H," the value for the associated variable has been suppressed.

D.   Parent/Child (Branch) Records

Both "Parent" and "Child" institutions are included in the data file. This relationship is used to define the reporting responsibility of the library. A "Child" record may be used to describe institutions that are branch institutions for which data are reported by the Central or Main institution. That is, data for the "child" institutions are aggregated with and reported by the "Parent" institution. All library survey data fields for the child institutions are blank. But, it must also be noted that Branch institutions and their libraries may function independently of the main or central institution and, therefore, report their own data.

Although the child records do not include any library data, the records are included in the file so researchers can identify institutions that have or share a library. There are a total of 88 parent institutions that have children (88 of the parents have one or more children associated with them in the ALS 2000). There are 156 child institutions associated with these parents are retained on the data file, as noted earlier in Section II B, Coverage and Response Rate.

The variable CYPARCH (current year parent/child indicator) indicates an institution's parent/child status. A '1' indicates a parent institution; a '2' indicates a child institution; and, a '-2' indicates not applicable.

Child institutions are linked to their parent by the variable UNITIDX, which contains the IPEDS UNITID of the parent institution. For parent institutions, UNITIDX contains its UNITID.

E.   Changes in Survey Questions and Variables

Variables and variable names have changed in the Academic Libraries Survey Form through the years to reflect changes that have occurred in the services, collections, expenditure accounting, and staffing of academic libraries. For example, in 1996 a number of questions were added on electronic services. In 1998, a substantial number of additional changes were made, especially in the collections and expenditures sections. These changes reflect the extensive changes in library services that occurred with regard to the development of electronic media. In 2000, a new set of questions on "consortial services" was added to the questionnaire.

Users of this data file should consult the relevant variable lists (Appendix B for ALS 2000) and Survey Forms (Appendix C for ALS 2000), and the Crosswalk between ALS 2000 and 1998 in appendix D before making comparisons across years.

F.   Institutions Participating in the Survey

The institutions represented on this data file can be summarized as follows.

> 3,683   institutions in the 50 states and DC
>   156   "child" institutions (data reported by parents)
>
> 3,527   institutions in the 50 states and DC with academic libraries
>
>   3,084   Responding Institutions
>   443   non-responding institutions

The four main military academies were included in the data file with certainty.[8]

Table 1. Number of Title IV institutions, by level and sector: 2000

		Level of institution	
Sector	Total	4 year and above	2 to 4 year
Total	**3,683**	**2,254**	**1,429**
Child Institutions	156	106	50
U.S. Service Institutions	4	4	0
Public	1,599	613	986
Private Not-for-Profit	1,556	1,436	120
Private For Profit	528	205	323

NOTE 1: Title IV participation is determined by the OPE eligibility indicator code (OPEFLAG). In this table, participants include branch campuses of a participant and new participants, as well as regular, full participants (OPEFLAG = 1, 2, or 4). Limited participants are counted with the non-participants (OPEFLAG = 3 or 5).

NOTE 2: U.S. Service Institutions are (1) Air Force Academy, Colorado Springs, Colorado; (2) Naval Academy, Annapolis, Maryland; (3) Merchant Marine Academy, Kings Point, New York; and (4) Military Academy, West Point, New York. Merchant Marine Academy is eligible for Title IV federal funds, while the other three service institutions are not. The US Coastguard Academy was not included in the 2000 IPEDS information base as a Title IV military institution and, therefore, is not included in the ALS 2000 collection.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2000.

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[8] The check for "obereg" is needed to retain the military academies, which were included in the data file.

APPENDIX A—Glossary
Academic Libraries Survey (ALS) 2000

This glossary includes terms that have meanings for the IPEDS and ALS data collections.

APPENDIX A—Glossary
Academic Libraries Survey (ALS) 2000

Academic Library: An academic library is defined as an entity in a postsecondary education institution that provides all of the following:
- An organized collection of printed or other materials, or a combination thereof;
- A staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele;
- An established schedule in which services of the staff are available to clientele;
- The physical facilities necessary to support such a collection, staff, and schedule.

This definition includes libraries that are part of learning resource centers.

All other operating expenditures: (Survey form, Part C, line 20) These include all expenditures not reported elsewhere in this part of the survey (excluding expenditures for employee fringe benefits).

Audio-visual materials: (Survey form, Part D, line 25) These are library materials that are displayed by visual projections or magnification or through sound reproduction.

Bibliographic utilities, networks and consortia expenditures: (Survey form, Part C, line 19) A category of expenditures for services by national, regional, and local bibliographic utilities networks, and consortia.

Books, serial backfiles, and other materials (including government documents): (Survey form, Part D, line 22)
- Paper materials defined as those materials produced by making impression on paper (for this category only information is requested on the number of volumes and titles);
- Microform units defined as units of photographic reproductions of textual, tabular, or graphic materials reduced in size so that they can be used only with magnification;
- Electronic titles defined as titles of materials that are not current serials and are considered part of the collection, whether purchased or leased, such as CD-ROMs,
- magnetic tapes, and magnetic disks (this category does not include bibliographic records).

Branch Library: Auxiliary library service outlets with quarters separate from the central library of an institution. They have a basic collection of books and other materials, a regular staffing level, and an established schedule. Branch libraries are administered either by the central library, as in the case of some libraries (such as law, medical, etc.), or through the administrative structure of other units within the university. Departmental study/reading rooms are not included. Libraries on branch campuses that have separate NCES identification numbers are reported as separate libraries.

Carnegie Classification Code: The Carnegie Classification of Institutions of Higher Education is the leading typology of American colleges and universities. It is the framework in which institutional diversity in U.S. higher education is commonly described. Most of the Carnegie Foundation's higher education projects rely on the

APPENDIX A—Glossary
Academic Libraries Survey (ALS) 2000

Classification to ensure a representative selection of participating individuals and institutions. The 2000 Carnegie Classification includes all colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the U.S. Secretary of Education. The 2000 edition classifies institutions based on their degree-granting activities from 1995–96 through 1997–98. In addition, important limitations are documented in *The 2000 Carnegie Classification: Background and Description*. For definitions and detailed information on classification procedures, refer to the Technical Notes. After reviewing the Classification's strengths and weaknesses as well as its current uses, the Foundation is undertaking a thorough reassessment of the classification system to be concluded in 2005.

Both the 2000 and the 2005 reports can be viewed/obtained at http://www.carnegiefoundation.org/Classification/downloads.htm.

The 2000 Carnegie Classifications follow:

Doctoral/Research Universities—Extensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. During the period studied, they awarded 50 or more doctoral degrees per year across at least 15 disciplines.

Doctoral/Research Universities—Intensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. During the period studied, they awarded at least ten doctoral degrees per year across three or more disciplines, or at least 20 doctoral degrees per year overall.

Master's Colleges and Universities I: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master's degree. During the period studied, they awarded 40 or more master's degrees per year across three or more disciplines.

Master's Colleges and Universities II: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master's degree. During the period studied, they awarded 20 or more master's degrees per year.

Baccalaureate Colleges—Liberal Arts: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. During the period studied, they awarded at least half of their baccalaureate degrees in liberal arts fields.

Baccalaureate Colleges—General: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. During the period studied, they awarded less than half of their baccalaureate degrees in liberal arts fields.

Baccalaureate/Associate's Colleges: These institutions are undergraduate colleges where the majority of conferrals are below the baccalaureate level (associate's degrees and certificates). During the period studied, bachelor's degrees accounted for at least ten percent of undergraduate awards.

Associate's Colleges: These institutions offer associate's degree and certificate programs but, with few exceptions, award no baccalaureate degrees. This group

includes institutions where, during the period studied, bachelor's degrees represented less than 10 percent of all undergraduate awards.

Specialized Institutions: These institutions offer degrees ranging from the bachelor's to the doctorate, and typically award a majority of degrees in a single field. The list includes only institutions that are listed as separate campuses in the *2000 Higher Education Directory.*

Tribal Colleges and Universities: These colleges are, with few exceptions, operated by American Indian Tribes and are controlled and located on American Indian reservations. They are all members of the American Indian Higher Education Consortium.

Child Institution (Library): A child institution (library) can be considered an institution that exists as part of other functionally similar institutions. It has a subordinate relationship to a main or parent institution. A child institution may be considered a branch or a satellite. However, not all branch or satellite institutions are considered child institutions because they may have independent authority.

The data for child institutions are aggregated with and reported by "parent" institutions. This term appears to be colloquially applied (Not a term in the IPEDS Glossary— although used by IPEDS when defining a "branch" institution).

Computer hardware and software operating expenditures: (Survey form, Part C, line 18) These include expenditures from the library budget for computer hardware and software used to support library operations, whether purchased or leased, mainframe or microcomputer. Expenditures for maintenance and the expenditure to run information services when it cannot be separated from the price of the product are also included in this category.

Control (of institution): A specification of whether an institution (postsecondary) is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials and derives its major source of funds from private sources (private control) or public sources (public control).

Current serial subscriptions: (Survey form, Part D, line 26) This represents the total number of current serials received, including those that are paid and those received without payment (government documents received serially and electronic current serials are included).

Degree-granting status: Degree-granting institutions offer an associate's, bachelor's, master's, doctor's, or a first-professional degree. Non-degree-granting institutions offer certificates or other formal awards.

Document delivery and interlibrary loan expenditures: (Survey form, Part C, line 15) These include fees paid for photocopies, costs of facsimile transmission, royalties, and access fees paid to bibliographic utilities.

APPENDIX A—Glossary
Academic Libraries Survey (ALS) 2000

FIPS Code: Federal information processing standards codes (FIPS codes) are a standardized set of numeric or alphabetic codes issued by the National Institute of Standards and Technology (NIST) to ensure uniform identification of geographic entities through all federal government agencies. The FIPS variable used on this data file is the two digit FIPS state code.

Full-time equivalent (FTE) employees: FTE is a measure of the number of employees based on hours worked. The total number of hours for all part-time positions is divided by the number of hours the library uses to define a part-time position. Therefore, if a 40 hour work week is the standard full-time position, 2 part-time employees, each working 30 hours a week would be the equivalent of 1.5 full-time employees (60 / 40).

Full-time equivalent (FTE) student: FTE student is calculated based on the number of full-time students enrolled plus one-third of the number of part-time students.

Gate count of visitors to library per typical week: (Survey form, Part F, line 38) Gate count is the number of persons who physically enter library facilities over the course of a week. A single person can be counted more than once.

General and reserve circulation: General and reserve circulation includes initial charging out of items, either manually or electronically, by patrons. The count also includes renewals of items, each of which is a circulation transaction.

Interlibrary loan transactions: (Survey form, Part E, lines 27–32) Interlibrary loan transactions are the number of filled requests for materials provided to other libraries or received by the library from another library.

IPEDS: The **Integrated Postsecondary Education Data System** is the core postsecondary education data collection program for the National Center for Education Statistics. This data collection program is designed to collection information about all postsecondary institutions and organizations in the 50 States, District of Columbia, and the respective outlying areas.

Level (of institution): A specification of whether a postsecondary education institution's programs are 4-year or higher (4 year), 2-but-less-than 4-year (2 year), or less than 2-year.

Librarians: (Survey form, Part B, line 02) This is the FTE (Full Time Equivalent) of staff whose duties require professional education (the master's degree or its equivalent) in the theoretical and scientific aspects of librarianship.

Number served in information services/presentations to groups: This is the number of individuals served in presentations that were sponsored by the library and planned in advance. The presentation may cover instruction in library use, or cultural, recreational or educational presentations. Presentations given off the library site are included, as long as the library is the sponsor.

Other (FTE) paid staff: Other paid staff is all other FTE (Full Time Equivalent) staff, except student assistants. This category includes clerical and technical staff but excludes maintenance and custodial staff.

Other (FTE) professional staff: (Survey form, Part B, line 03) This is the FTE (Full Time Equivalent) count of professional staff other than Librarians (Survey form, Part B, line 02). The duties of these staff members require an education and or training in related fields (e.g., academic disciplines, archives, media, and computing).

Parent Institution: An institution that reports data for another institution (a "child") aggregated with its own data. (Not a term in the IPEDS Glossary—although used by IPEDS when defining central or main institution).

Postsecondary Institution: Postsecondary education institution has as its sole purpose or one of its primary missions, the provision of formal instructional programs with a curriculum is designed primarily for students who are beyond the compulsory age for high school. This includes academic, vocational, and continuing professional education programs, and excludes avocational and adult basic education programs (IPEDS Glossary).

Preservation: (Survey form, Part C, line 16) This is a category of expenditures associated with maintaining library and archival materials for use in their original form or some other usable way. Examples of this are rebinding, de-acidification, lamination, and materials conservation.

Public service hours per typical week: These are the numbers of hours the Libraries physical facility is open for service.

Reference transactions (including computer searches): These are information contacts that involve the knowledge, use, commendation, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources may include printed (e.g., book volumes) and non-printed (e.g., microforms) materials and machine-readable databases (e.g., those on CD-ROMS). The transaction may include providing direction to services outside the library.

Salaries and wages: (Survey form, Part B, lines 04–07) This category of expenditures includes compensation for full- and part-time employees before deductions and includes hourly pay to student assistants.

Sector: One of nine categories into which postsecondary institutions may be divided based on their control and level. **Control categories** are public, private not-for-profit, and private for-profit.

Level categories are 4-year and higher (4 year), 2-but-less-than 4-year (2 year), and less than 2-year. For example: "public, 4-year institutions" is an example of a sector category.

APPENDIX A—Glossary
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Student assistants (FTE): (Survey form, Part B, line 06) This is the FTE count of students employed on an hourly basis to work on library-related tasks. This group includes both students whose wages are paid from funds under the library budget and those paid from other budgets, including the College Work-Study Program.

Title IV institution: An institution that has a written agreement with the Secretary of Education that allows the institution to participate in any of the Title IV federal student financial assistance programs (other than the State Student Incentive Grant (SSIG) and the National Early Intervention Scholarship and Partnership (NEISP) programs).

Total expenditures: (Survey form, Part B, line 21) This includes the sum of all expenditures listed in the expenditures section of the survey.

APPENDIX B—Record Layout
Academic Libraries Survey (ALS) 2000

The record layout describes each variable in the data file. It includes codes used for categorical variables and their descriptions.

APPENDIX B—Record Layout
Academic Libraries Survey (ALS) 2000

Variable Name	Field Width	Field Type	Data Element Description
UNITID	6	character	Identification number. This is a unique identifier for each institution
INSTNM	50	character	Institution (entity) name
ADDR	60	character	Institution (entity) street address or post office box
CITY	20	character	City location of institution
STABBR	2	character	Post Office State abbreviation code. See FIPS state code
ZIP	9	character	ZIP + four; does not include dash (-). Last four positions may be blank
FIPS	2	character	FIPS state code
OBEREG	2	numeric	OBE region code 0 - US Service schools 1 - New England CT ME MA NH RI VT 2 - Mid East DE DC MD NJ NY PA 3 - Great Lakes IL IN MI OH WI 4 - Plains IA KS MN MO NE ND SD 5 - AL AR FL GA KY LA MS NC SC TN VA WV 6 - Southwest AZ NM OK TX 7 - Rocky Mountains CO ID MT UT WY 8 - Far West AK CA HI NV OR WA 9 - Outlying areas AS FM GU MH MP PR PW VI -3 - Not Available
EIN	9	character	Employer Identification Number - assigned by Internal Revenue Service -1 - Not Reported -2 - Not Applicable -3 - Not Available
DUNS	10	character	Dunn and Bradstreet identification number -3 - Not Available
OPEID	8	character	Office of Postsecondary Education identification number for those institutions eligible to participate in Title IV programs -2 - Not Applicable
OPEFLAG	1	numeric	OPE eligibility indicator code 1 - Institution is eligible for Title IV aid 2 - Not listed separately as being an eligible institution by OPE but is a branch campus or system office of a main campus that is eligible. 3 - Eligible for Title IV aid, but for deferment only 4 - Eligible for Title IV aid, but not in-scope of IPEDS

			5 - Not currently eligible 6 - Institution is not eligible and not listed on Title IV file
WEBADDR	50	character	Institution's internet website address b - Blank
SECTOR	2	numeric	Sector of institution (generated, based on response to IC survey) 0 - Administrative unit only (central, system, or corporate office) 1 - Public, 4-year or above 2 - Private nonprofit, 4-year or above 3 - Private for-profit, 4-year or above 4 - Public, 2-year 5 - Private nonprofit, 2-year 6 - Private for-profit, 2-year 7 - Public, less-than-2-year 8 - Private nonprofit, less-than-2-year 9 - Private for-profit, less-than-2-year -3 - Not Available
ICLEVEL	2	numeric	Level of institution (generated, based on response to IC survey) 1 - Four or more years (Baccalaureate or higher degree) 2 - At least 2 but less than 4 years (below the Baccalaureate) 3 - Less than 2 years (below Associate's Degree) -3 - Not Available
CONTROL	2	numeric	Control of institution 1 - Public 2 - Private, non-profit 3 - Private, for profit -3 - Not Available
AFFIL	2	numeric	Affiliation of institution 1 - Public 2 - Private for-profit 3 - Private nonprofit, no religious affiliation 4 - Private nonprofit -3 - Not Available
HLOFFER	2	character	Highest level of offering (generated, based on response to IC Survey) 0 - Other 1 - Postsecondary award, certificate or diploma of less than one academic year 2 - Postsecondary award, certificate or diploma of at least one but less than two academic years 3 - Associate's Degree 4 - At least 2, but less than 4 academic years 5 - Bachelor's Degree 6 – Post baccalaureate Certificate 7 - Master's Degree

			8 - Post-Master's Certificate 9 - Doctor's Degree b - None of the above or no answer -2 - Not Applicable, first-professional only -3 - Not Available
UGOFFER	2	numeric	Undergraduate offering (generated, based on IC response) 1 - Undergraduate degree or certificate offered 2 - No undergraduate offering -3 - Not Available
GROFFER	2	numeric	Graduate offering (generated, based on response to IC) 1 - Graduate degree or certificate offered 2 - No graduate offering -3 - Not Available
FPOFFER	2	numeric	First-professional offering (generated, based on response to IC survey) 1 - First-professional degree/certificate 2 - No first-professional offering -3 Not Available
HDEGOFFR	2	numeric	Highest Degree offered 0 - Non-Degree Granting (Certificates only) 1 - First-professional degrees only 10 - Doctoral 11 - Doctoral and First-professional 20 - Master's 21 - Master's and First-professional 30 - Bachelors 31 - Bachelors and First-professional 40 - Associates 41 - Associates and First-professional -3 - Not Available
DEGGRANT	2	numeric	Degree granting status of institution 1 - Yes 2 - No
PCTMIN1	2	numeric	Percent minority, generated from 1998 Fall Enrollment and Consolidated surveys - responding institutions only (does not include imputed data) Percent Black, non-Hispanic -1 - Not Reported -2 - Not Applicable -3 - Not Available
PCTMIN2	2	numeric	Percent minority, generated from 1998 Fall Enrollment and Consolidated surveys - responding institutions only (does not include imputed data) Percent American Indian/Alaskan Native -1 - Not Reported -2 - Not Applicable

			-3 - Not Available	
PCTMIN3	2	numeric	Percent minority, generated from 1998 Fall Enrollment and Consolidated surveys - responding institutions only (does not include imputed data) Percent Asian/Pacific Islander -1 - Not Reported -2 - Not Applicable -3 - Not Available	
PCTMIN4	2	numeric	Percent minority, generated from 1998 Fall Enrollment and Consolidated surveys - responding institutions only (does not include imputed data) Percent Hispanic -1 - Not Reported -2 - Not Applicable -3 - Not Available	
HBCU	2	numeric	Historically Black College or University (accredited institution of higher education established prior to 1964 with the principal mission of educating Black Americans.) 1 - Yes 2 - No	
HOSPITAL	2	numeric	Institution has hospital 1 - Yes 2 - No	
MEDICAL	2	numeric	Institution grants a medical degree 1 - Yes 2 - No	
TRIBAL	2	numeric	Tribal college 1 - Yes 2 - No -3 - Not Available	
CARNEGIE	2	numeric	Carnegie Foundation Classification Codes The 1994 classification system created by the Carnegie Foundation for the Advancement of Teaching is included in the IPEDS data files to help users of this information further delineate institutions by type. This classification, which dates back to 1970, currently includes approximately 3,600 colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the Secretary, U.S. Department of Education. The 10 categories that make up the new classification scheme are based largely on academic mission and are not intended to measure quality. Institutions are classified according to their highest level of offering, the number of degrees conferred by discipline, and the amount of federal	

support for research received by the institution. Some categories also rely on the selectivity of the institution's admissions. Information provided by the Carnegie Foundation was

matched against the IPEDS Institutional Characteristics file and the codes are indicated in the institutional listings where matches were certain. It is important for users to note that IPEDS includes separate listings for all branches of an institution, whereas, in some instances, Carnegie lists only one campus (which encompasses the main campus and all branches).

Each of the categories, and the coding scheme used in this file, are explained below:

11 - RESEARCH UNIVERSITIES I

These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate, and give high priority to research. They award 50 or more doctoral degrees each year. In addition, they receive annually $40 million or more in federal support.

12 - RESEARCH UNIVERSITIES II

These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate, and give high priority to research. They award 50 or more doctoral degrees each year. In addition, they receive annually between $15.5 million and $40 million in federal support.

13 - DOCTORAL UNIVERSITIES I

These institutions offer a full range of baccalaureate programs and are committed to graduate education through the doctorate. They award at least 40 doctoral degrees annually in five or more

disciplines.

14 - DOCTORAL UNIVERSITIES II

These institutions offer a full range of baccalaureate programs and are committed to graduate education through the doctorate. They award annually at least 10 doctoral degrees (in three or more disciplines), or 20 or more doctoral degrees in one or more

disciplines.

21 - MASTER'S (COMPREHENSIVE) UNIVERSITIES AND COLLEGES I

These institutions offer a full range of baccalaureate programs and are committed to graduate education through the master's degree. They award 40 or more master's degrees annually in three

or more disciplines.

22 - MASTER'S (COMPREHENSIVE) UNIVERSITIES AND

COLLEGES II

These institutions offer a full range of baccalaureate programs and are committed to graduate education through the master's degree. They award 20 or more master's degrees annually in one

or more disciplines.

31 - BACCALAUREATE (LIBERAL ARTS) COLLEGES I

These institutions are primarily undergraduate colleges with major emphasis on baccalaureate degree programs. They award 40

percent or more of their baccalaureate degrees in liberal arts fields and are restrictive in admissions.

32 - BACCALAUREATE COLLEGES II

These institutions are primarily undergraduate colleges with major emphasis on baccalaureate degree programs. They award less than 40 percent of their baccalaureate degrees in liberal arts fields or are less restrictive in admissions.

40 - ASSOCIATE OF ARTS COLLEGES

These institutions offer associate of arts certificate or degree programs and, with few exceptions, offer no baccalaureate degrees

SPECIALIZED INSTITUTIONS

These institutions offer degrees ranging from the baccalaureate to the doctorate. At least 50 percent of the degrees awarded by these institutions are in a single discipline.

51 - Theological seminaries, Bible colleges and other institutions offering degrees in religion: This category include institutions at which the primary purpose is to offer religious instruction or train members of the clergy.

52 - Medical schools and medical centers: These institutions award most of their professional degrees in medicine. In some instances, their programs include other health professional schools, such as dentistry, pharmacy, or nursing.

53 - Other separate health profession schools: Institutions in this category award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.

54 - Schools of engineering and technology: The institutions in this category award at least a bachelor's degree in programs limited almost exclusively to technical fields of study.

55 - Schools of business and management: The schools in this category award most of their bachelor's or graduate degrees in business or business-related programs.

56 - Schools of art, music, and design: Institutions in this category award most of their bachelor's or graduate degrees in art, music, design, architecture, or some combination of such fields.

			57 - Schools of law: The schools in this category award most of their degrees in law. The list includes only institutions that are separate entities or campuses. 58 - Teachers colleges: Institutions in this category award most of their bachelor's or graduate degrees in education or education-related fields. 59 - Other specialized institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category. 60- Tribal colleges: These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium. -2 - Not Applicable -3 - Not Available
LOCALE	2	numeric	Locale codes - Degree of Urbanization 1 - Large City - A central city of a CMSA or MSA with the city having a population greater than or equal to 250,000. 2 - Mid-size City - A central city of a CMSA or MSA, with the city having a population less than 250,000. 3 - Urban Fringe of Large City - Any incorporated place, CDP, or non-place territory within a CMSA or MSA of a Large City and defined as urban by the Census Bureau. 4 - Urban Fringe of Mid-size City - Any incorporated place, CDP, or non-place territory within a CMSA or MSA of a Large City of a Mid-size City and defined as urban by the Census Bureau 5 - Large Town - An incorporated place or CDP with a population greater than or equal to 25,000 and located outside a CMSA or MSA. 6 - Small Town - An incorporated place or CDP with a population less than 25,000 and greater than or equal to 2,500 and located outside a CMSA or MSA. 7 - Rural - Any incorporated place, CDP, or non-place territory designated as rural by the Census Bureau. 9 - Not Assigned -3 - Not Available
OPENPUBL	2	numeric	Institution open to the general public 1 - Yes -3 - Not Available
ASSOCDEG	8	numeric	Total number or associate deg from Completions -2 - Not Applicable

BACHDEG	8	numeric	Total number or bachelor's deg from Completions -2 - Not Applicable
MASTDEG	8	numeric	Total number or master's deg from Completions -2 - Not Applicable
DOCTDEG	8	numeric	Total number or doctor's deg from Completions -2 - Not Applicable
PROFDEG	8	numeric	Total number or first prof deg from Completions -2 - Not Applicable
ACT	1	character	Status of institution A - Active - institution active and not an add C - Combined - merged with another institution D - Delete - institution is out of business H - Area search on hold pending verification I - Inactive M - Death with data - closed in current yr N - New - added during the current year O - Out-of-scope - not within scope of universe P - Potential add - might be added Q - Potential restore - might be restored R - Restore - restored to the current universe S - Split - split into more than one institution U - Duplicate - UNITID previously assigned W - Wipe out - out-of-scope potential add X - Potential restore not within scope of IPEDS Z - Universe III - out-of-scope
FORM	2	character	Survey form L - Academic Libraries -2 - Not Applicable
STATUS	2	character	Response status of the institution 1 - Mailed, response 3 - Mailed, nonresponse, not imputed 4 - Mailed, nonresponse, imputed 5 - Mailed, nonresponse, out-of-scope, not imputed 6 - Nonrespondent to data (screening questions reported, in-scope), not imputed -2 - Not Applicable
EDITSTATUS	2	character	Edit status of the institution 1 - Passed edits 2 - Edit flags remain, analyst accepted 3 - Edit flags remain, NCES accepted 4 - Edit flags remain 5 - Failed the edits -2 - Not Applicable
IMPUTE	2	character	Impute status of the institution 1 - At least one part is imputed -2 - Not Applicable

DATEFLAG	8	character	The most recent date the record was edited or imputed. The format is mmddyyyy -2 - Not Applicable
CYPARCH	2	character	Parent/child indicator 1 - Parent record (combined data) 2 - Child record , no data -2 - Not Applicable
UNITIDX	6	character	UNITID number of parent institution -2 - Not Applicable
DATSRC	2	character	Medium used to collect data 1 - Internet (FTP/WWW) 2 - Tape 3 - Diskette 4 - Form 5 - Form Facsimile 6 - Postsecondary Education Telephone System (PETS) 7 - Other -2 - Not Applicable
REFUSAL	2	character	Refusal status of the institution 1 - Refused to provide data -2 - Not Applicable
PARTAFLAG	2	character	Imputation status of Part A 1 - Imputed using current year mean average method 2 - Imputed, using institution's prior year data 9 - Partial impute -2 - Not Applicable
PARTBFLAG	2	character	Imputation status of Part B 1 - Imputed, using current year mean average 2 - Imputed, using institution's prior year data 3 - Imputed, using institution's current part b data 9 - Partial Impute -2 - Not Applicable
PARTCFLAG	2	character	Imputation status of Part C 1 - Imputed, using current year mean average 2 - Imputed, using institution's prior year data 3 - Imputed, using institution's current part c data 9 - Partial Impute -2 - Not Applicable
PARTDFLAG	2	character	Imputation status of Part D 1 - Imputed, using current year mean average 2 - Imputed, using institution's prior year data 9 - Partial Impute -2 - Not Applicable
PARTEFLAG	2	character	Imputation status of Part E 1 - Imputed, using current year mean average

			2 - Imputed using institution's previous year's data 9 - Partial Impute -2 - Not Applicable
PARTFFLAG	2	character	Imputation status of Part F 1 - Imputed, using current year mean average 2 - Imputed, using institution's prior year data 9 - Partial Impute -2 - Not Applicable
LIBSHAR1	6	character	UNITID for shared library -2 - Not Applicable
LIBNAME1	50	character	Name of shared library b - Blank
LIBSHAR2	6	character	UNITID for shared library -2 - Not Applicable
LIBNAME2	50	character	Name of shared library b - Blank
LIBSHAR3	6	character	UNITID for shared library -2 - Not Applicable
LIBNAME3	50	character	Name of shared library b - Blank
ELGCOLL	2	character	Institution has organized collection of materials 1 - Yes 2 - No -1 - Not Reported
ELGSTAFF	2	character	Institution has trained staff 1 - Yes 2 - No -1 - Not Reported
ELGSCHED	2	character	Institution has established schedule 1 - Yes 2 - No -1 - Not Reported
ELGPHYS	2	character	Institution has physical facilities for collection 1 - Yes 2 - No -1 - Not Reported
FINSUPP	2	character	Institution provides financial support to another 1 - Yes 2 - No -1 - Not Reported
XBRANCHES	1	character	Status flag A - Analyst adjusted a reported value C - Analyst corrected a cell that was blank I - Imputation for a cell that was previously a nonresponse, using a method other than prior year

APPENDIX B—Record Layout
Academic Libraries Survey (ALS) 2000

			N - Original data field was blank P - Imputation for cell that was previously nonresponse, using prior year data as base for imputation R - Original data value was reported T - Total adjusted to equal the sum of detail Z - Implied reported zero value
BRANCHES	6	numeric	Number of branch and independent libraries
XSTLIBS	1	character	Status flag
STLIBS	10	numeric	Librarians
XSTOTHPRO	1	character	Status flag
STOTHPRO	10	numeric	Other professional staff
XSTLIBPRO	1	character	Status flag
STLIBPRO	10	numeric	Total librarians and other professional staff
XSTOTH	1	character	Status flag
STOTH	10	numeric	All other paid staff
XSTCONSRV	1	character	Status flag
STCONSRV	10	numeric	Contributed services staff
XSTASST	1	character	Status flag
STASST	10	numeric	Student assistants from all funding sources
XSTTOT2000	1	character	Status flag
STTOT2000	10	numeric	Total full-time equivalent (FTE) staff
XSWLIBPRO	1	character	Status flag
SWLIBPRO	12	numeric	Expenditures for Librarians and other professional staff
XSWOTH	1	character	Status flag
SWOTH	12	numeric	Expenditures for al other paid staff
XSWASST	1	character	Status flag

SWASST	12	numeric	Expenditures for Student assistants
XIRPAMICR	1	character	Status flag
IRPAMICR	12	numeric	Expenditures for Books - paper and microform
XEXELBKS	1	character	Status flag
EXELBKS	12	numeric	Expenditures for Books - electronic
XCUPAMICR	1	character	Status flag
CUPAMICR	12	numeric	Expenditures for Current serials - paper and microform
XEXELSER	1	character	Status flag
EXELSER	12	numeric	Expenditures for Current serials - electronic
XEXAUD	1	character	Status flag
EXAUD	12	numeric	Expenditures for audiovisual materials
XEXDEL	1	character	Status flag
EXDEL	12	numeric	Expenditures for document delivery/interlibrary loan
XEXPRES	1	character	Status flag
EXPRES	12	numeric	Expenditures for preservation
XEXOTHIR	1	character	Status flag
EXOTHIR	12	numeric	Expenditures for other materials
XEXFUREQP	1	character	Status flag
EXFUREQP	12	numeric	Expenditures for furniture and equipment
XEXCOMP	1	character	Status flag
EXCOMP	12	numeric	Expenditures for computer hardware and software
XEXBIB	1	character	Status flag
EXBIB	12	numeric	Expenditures for bibliographic utilities, networks and consortia

XEXOTH2000	1	character	Status flag
EXOTH2000	12	numeric	All other operating expenditures
XEXTOT	1	character	Status flag
EXTOT	12	numeric	Total expenditures
FRINGEYN	2	character	Employee fringe benefits paid from library budget 1 - Yes 2 - No -1 - Not Reported
XFRINGE	1	character	Status flag
FRINGE	12	numeric	Expenditures from library budget for employee fringe benefits
XCOLBKSA	1	character	Status flag
COLBKSA	12	numeric	Books - paper - volumes added
XCOLBKSH	1	character	Status flag
COLBKSH	12	numeric	Books - paper - volumes held
XCOLBKPTA	1	character	Status flag
COLBKPTA	12	numeric	Books - paper - titles added
XCOLBKPTH	1	character	Status flag
COLBKPTH	12	numeric	Books - paper - titles held
XCOLMICRA	1	character	Status flag
COLMICRA	12	numeric	Books - microform - units added
XCOLMICRH	1	character	Status flag
COLMICRH	12	numeric	Books - microform - units held
XCOLSERA	1	character	Status flag
COLSERA	12	numeric	Current serial subscriptions added

XCOLSERH	1	character	Status flag
COLSERH	12	numeric	Current serial subscriptions held
XCOLAUDA	1	character	Status flag
COLAUDA	12	numeric	Audiovisual materials - units added
XCOLAUDH	1	character	Status flag
COLAUDH	12	numeric	Audiovisual materials - units held
XILPRET	1	character	Status flag
ILPRET	12	numeric	Interlibrary loans provided to other libraries, returnable
XILPNON	1	character	Status flag
ILPNON	12	numeric	Interlibrary loans provided to other libraries, Non-returnable
XILPTOT	1	character	Status flag
ILPTOT	12	numeric	Interlibrary loans provided to other libraries, total
XILRRET	1	character	Status flag
ILRRET	12	numeric	Interlibrary loans received from other libraries, returnable
XILRNON	1	character	Status flag
ILRNON	12	numeric	Interlibrary loans received from other libraries, non-returnable
XILRTOT	1	character	Status flag
ILRTOT	12	numeric	Interlibrary loans received from other libraries, total
XDOCDEL	1	character	Status flag
DOCDEL	12	numeric	Documents delivered from commercial services
XCIRTRANS	1	character	Status flag
CIRTRANS	12	numeric	Circulation transactions
XPRESEN	1	character	Status flag

PRESEN	12	numeric	Number of presentations
XATTEND	1	character	Status flag
ATTEND	12	numeric	Total attendance at all presentations
XHOURS	1	character	Status flag
HOURS	12	numeric	Hours open in a typical week
XGATECT	1	character	Status flag
GATECT	12	numeric	Gate count in a typical week
XREFTRANS	1	character	Status flag
REFTRANS	12	numeric	Reference transactions in a typical week
ELCATYN	2	character	Access of electronic catalog from within the library 1 - Yes 2 - No -1 - Not Reported
ELCATCMPYN	2	character	Access of electronic catalog from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
ELCATOCPYN	2	character	Access of electronic catalog from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
ELCATOCOYN	2	character	Access of electronic catalog from off campus by others 1 - Yes 2 - No -1 - Not Reported
ELINDYN	2	character	Access of electronic indexes and reference tools from within the library 1 - Yes 2 - No -1 - Not Reported
ELINDCMPYN	2	character	Access of electronic indexes and reference tools from elsewhere on campus 1 - Yes 2 - No

			-1 - Not Reported
ELINDOCPYN	2	character	Access of electronic indexes and reference tools from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
ELINDOCOYN	2	character	Access of electronic indexes and reference tools from off campus by others 1 - Yes 2 - No -1 - Not Reported
ELPERYN	2	character	Access of electronic full-text periodicals from within the library 1 - Yes 2 - No -1 - Not Reported
ELPERCMPYN	2	character	Access of electronic full-text periodicals from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
ELPEROCPYN	2	character	Access of electronic full-text periodicals from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
ELPEROCOYN	2	character	Access of electronic full-text periodicals from off campus by others 1 - Yes 2 - No -1 - Not Reported
ELCRSYN	2	character	Access of electronic full-text course reserves from within the library 1 - Yes 2 - No -1 - Not Reported
ELCRSCMPYN	2	character	Access of electronic full-text course reserves from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
ELCRSOCPYN	2	character	Access of electronic full-text course reserves from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported

ELCRSOCOYN	2	character	Access of electronic full-text course reserves from off campus by others 1 - Yes 2 - No -1 - Not Reported
DOCDIGYN	2	character	Access of electronic files other than the catalog from within the library 1 - Yes 2 - No -1 - Not Reported
DOCDIGCMPYN	2	character	Access of electronic files other than the catalog from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
DOCDIGOCPYN	2	character	Access of electronic files other than the catalog from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
DOCDIGOCOYN	2	character	Access of electronic files other than the catalog from off campus by others 1 - Yes 2 - No -1 - Not Reported
INETYN	2	character	Internet access from within the library 1 - Yes 2 - No -1 - Not Reported
INETCMPYN	2	character	Internet access from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
INETOCPYN	2	character	Internet access from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
INETOCOYN	2	character	Internet access from off campus by others 1 - Yes 2 - No -1 - Not Reported
LIBREFYN	2	character	Library reference service by E-mail from within the library 1 - Yes 2 - No -1 - Not Reported

LIBREFCMPYN	2	character	Library reference service by E-mail from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
LIBREFOCPYN	2	character	Library reference service by E-mail from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
LIBREFOCOYN	2	character	Library reference service by E-mail from off campus by others 1 - Yes 2 - No -1 - Not Reported
LOANREQYN	2	character	Interlibrary loan requests electronically from within the library 1 - Yes 2 - No -1 - Not Reported
LOANREQCMPYN	2	character	Interlibrary loan requests electronically from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
LOANREQOCPYN	2	character	Interlibrary loan requests electronically from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
LOANREQOCOYN	2	character	Interlibrary loan requests electronically from off campus by others 1 - Yes 2 - No -1 - Not Reported
TECHYN	2	character	Technology to assist patrons with disabilities from within the library 1 - Yes 2 - No -1 - Not Reported
TECHCMPYN	2	character	Technology to assist patrons with disabilities from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
TECHOCPYN	2	character	Technology to assist patrons with disabilities from off campus by primary clientele 1 - Yes

			2 - No -1 - Not Reported
TECHOCOYN	2	character	Technology to assist patrons with disabilities from off campus by others 1 - Yes 2 - No -1 - Not Reported
INSINETYN	2	character	Instruction by library staff on use of internet resources from within the library 1 - Yes 2 - No -1 - Not Reported
INSINETCMPYN	2	character	Instruction by library staff on use of internet resources from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
INSINETOCPYN	2	character	Instruction by library staff on use of internet resources from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
INSINETOCOYN	2	character	Instruction by library staff on use of internet resources from off campus by others 1 - Yes 2 - No -1 - Not Reported
ELDOCDELYN	2	character	Electronic doc del by the library to patron's account/address from within the library 1 - Yes 2 - No -1 - Not Reported
ELDOCDELCMPYN	2	character	Electronic doc del by the library to patron's account/address from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
ELDOCDELOCPYN	2	character	Electronic doc del by the library to patron's account/address from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
ELDOCDELOCOYN	2	character	Electronic doc del by the library to patron's account/address from off campus by others 1 - Yes

			2 - No -1 - Not Reported
VDOCONFYN	2	character	Video/desktop conferencing by or for the library from within the library 1 - Yes 2 - No -1 - Not Reported
VDOCONFCMPYN	2	character	Video/desktop conferencing by or for the library from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
VDOCONFOCPYN	2	character	Video/desktop conferencing by or for the library from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
VDOCONFOCOYN	2	character	Video/desktop conferencing by or for the library from off campus by others 1 - Yes 2 - No -1 - Not Reported
SATBRYN	2	character	Satellite broadcasting by or for the library from within the library 1 - Yes 2 - No -1 - Not Reported
SATBRCMPYN	2	character	Satellite broadcasting by or for the library from elsewhere on campus 1 - Yes 2 - No -1 - Not Reported
SATBROCPYN	2	character	Satellite broadcasting by or for the library from off campus by primary clientele 1 - Yes 2 - No -1 - Not Reported
SATBROCOYN	2	character	Satellite broadcasting by or for the library from off campus by others 1 - Yes 2 - No -1 - Not Reported
COMPUTERYN	2	character	Computers not dedicated to library functions for patron use inside the library 1 - Yes 2 - No

			-1 - Not Reported
SOFTWAREYN	2	character	Computer software for patron use in the library 1 - Yes 2 - No -1 - Not Reported
SCANNERYN	2	character	Scanning equipment for patron use in the library 1 - Yes 2 - No -1 - Not Reported
DISTEDYN	2	character	Institution has distance education students 1 - Yes 2 - No -1 - Not Reported
DISTEDSRVYN	2	character	Services to your institution's distance education students 1 - Yes 2 - No -1 - Not Reported -2 - Not Applicable
CNSUBYN	2	character	State subsidized library consortium that provides access to electronic resources 1 - Yes 2 - No -1 - Not Reported H - Data Suppressed
CNPARTYN	2	character	Library participate in the consortium 1 - Yes 2 - No -1 - Not Reported -2 - Not Applicable H - Data Suppressed
CNFULLYN	2	character	Cost of library's participation fully funded by the state 1 - Yes 2 - No -1 - Not Reported -2 - Not Applicable H - Data Suppressed
CNPRTLYN	2	character	Library's participation partially funded by the state 1 - Yes 2 - No -1 - Not Reported -2 - Not Applicable H - Data Suppressed
CNOTHRYN	2	character	Library participate in any other consortia for access to electronic resources 1 - Yes 2 - No

			-1 - Not Reported H - Data Suppressed
FTUS9899	9	numeric	Full-time undergraduate students 1998-99
FTGS9899	9	numeric	Full-time graduate students 1998-99
PTUS9899	9	numeric	Part-time undergraduate students 1998-99
PTGS9899	9	numeric	Part-time graduate students 1998-99
TOTENR9899	9	numeric	Total enrollment 1998-99
XTFTFAC9_10M	1	character	Status flag for TFTFAC9_10M
TFTFAC9_10M	9	numeric	Total FT faculty on 9/10 month contract
XTFTFAC11_12M	1	character	Status flag for TFTFAC11_12M
TFTFAC11_12M	9	numeric	Total FT faculty on 11/12 month contract
XEXTOTE_G2000	1	character	Status flag for EXTOTE_G2000
EXTOTE_G2000	12	numeric	Total E&G expenditures 2000
EXTOT2000	12	numeric	Total expenses 2000
XEXTOT2000	1	character	Status flag for EXTOT2000
EXTOT2000B	12	numeric	Total expenses 2000
XEXTOT2000B	1	character	Status flag for EXTOT2000B

Appendix C—Survey Instrument
Academic Libraries Survey (ALS) 2000

The survey instrument includes a list of changes from the 2000 administration of ALS, detailed instructions and definitions, as well as the questionnaire itself.

Changes from the 1998 form for

2000 ACADEMIC LIBRARIES SURVEY

Cover sheet - Library definition

The format of the question regarding providing financial support to another library has been clarified.

Part C - Library Expenditures

In order to clarify what is wanted, words were added in parentheses to the text above lines 12 & 13 and to the text above lines 14 & 15, therefore:

- The text immediately above line 12 reads: "Books, serial backfiles, and other materials (one time purchases)."
- The text immediately above line 14 reads: "Current serial subscriptions and search services (ongoing commitments)."

Part D - Library Collections

The items "Electronic-Titles" (was line 29) and "Number of electronic subscriptions" (was line 31) have been dropped.

Part E - Library Services

A new item has been added for "Documents delivered from commercial services" and the words "document delivery" have been dropped from the items for "interlibrary loans provided" and "interlibrary loans received."

The item on "reserve collections" has been dropped and the preceding line has been revised to read "Circulation Transactions (including reserves)."

Part G - Electronic Services

Five items have been added under the heading "Consortial Services."

2000 ACADEMIC LIBRARIES SURVEY

Instructions

GENERAL INSTRUCTIONS -

Please respond to each item in this survey in the place provided. If the appropriate answer for an item is zero or none, use "0." If you do not collect data for an item, provide your best estimate. **PLEASE DO NOT LEAVE ANY ITEMS BLANK.** If an item is left blank, NCES will estimate a value using the average for institutions with similar characteristics. Include data for the main or central library and all branch and independent libraries that were open all or part of fiscal year 2000.

LIBRARY - An entity that provides all of the following:

1. An organized collection of printed or other materials or a combination thereof

2. A staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele

3. An established schedule in which services of the staff are available to clientele

4. The physical facilities necessary to support such a collection, staff, and schedule.

This includes libraries that are part of learning resource centers.

PERIOD OF REPORT Report information for the following time periods as specified in each section:

1. Fiscal year 2000 - Any 12-month period between **June 1, 1999 and September 30, 2000** which corresponds to your institution's fiscal year (for Parts A, C, D, and E).

2. Typical week, Fall 2000 - A typical week is one that is neither unusually busy nor unusually slow. Avoid vacation periods for key staff or days when unusual events are taking place on the campus or in the library. Choose a week in which the library is open its regular hours. Include any seven consecutive calendar days (for Part F).

3. Fall 2000 - The period during the fall of 2000 when the survey form is being completed (for Parts B, F, and G).

PART A - NUMBER OF PUBLIC SERVICE OUTLETS, FISCAL YEAR 2000

Branch and independent libraries (line 01) - Report the number of branch and independent libraries at your institution that were open all or part of fiscal year 2000. EXCLUDE THE MAIN OR CENTRAL LIBRARY. Branch and independent libraries are defined as auxiliary library service outlets with quarters separate from the central library of an institution, which have a basic collection of books and other materials, a regular staffing level, and an established schedule. Branch and independent libraries are administered **either** by the central library **or,** as in the case of some libraries (such as law, medical, etc.), through the administrative structure of other units within the university. Departmental study/reading rooms are *not included*. Include data for all branch and independent libraries on the campus. Include libraries on **branch campuses** (i.e., located in another community) if those campuses are registered under the same NCES UNITID number as the main campus.

PART B - LIBRARY STAFF, FALL 2000

Full-time equivalent (FTE) employees (lines 02-08) - Report the number of filled or temporarily vacant FTE positions during Fall 2000 paid from funds under library control. To compute FTEs of part-time employees and student assistants, take the TOTAL number of hours worked per week by part-time employees IN EACH CATEGORY and divide it by the number of hours CONSIDERED BY THE REPORTING LIBRARY TO BE A FULL-TIME WORK WEEK (e.g., 60 hours per week of part-time work divided by 40 hours per full-time week equals 1.50 FTE). Data should be reported to two decimal places.

Librarians (line 02) - Report the total FTE of staff whose duties require professional education (the master's degree or its equivalent) in the theoretical and scientific aspects of librarianship.

Other professional staff (line 03) - Report the total FTE of staff whose duties require education and/or training in related fields (e.g., academic disciplines, archives, media, computing).

Total librarians and other professional staff (line 04) - Report the sum of lines 02 and 03.

All other paid staff (except student assistants) (line 05) - Report the total FTE of all other library staff who are paid annual salaries or hourly wages except students, who are reported on line 07. Include technical and clerical staff, but *exclude* maintenance and custodial staff.

Contributed services staff (line 06) - Report the total FTE for contributed services staff. Contributed services staff are those, such as members of religious orders, whose services are valued by bookkeeping entries rather than by full cash transactions. *Do not include* volunteers.

Student assistants from all funding sources (line 07) - Report the total FTE of student assistants, employed on an hourly basis whose wages are paid from funds under library control or from a budget other than the library budget, including College Work Study Program. *Exclude* maintenance and custodial staff.

Total FTE staff (line 08) - Report the sum of lines 04 through 07.

PART C - LIBRARY EXPENDITURES, FISCAL YEAR 2000

Expenditures (lines 09-24) - Report funds expended by the library in fiscal year 2000 (regardless of when received) from its regular budget and from all other sources; e.g., research grants, special projects, gifts and endowments, and fees for services. If items in this section are not paid from the library budget but can be easily identified in other parts of the institution's budget, report them here. Expenditures should be reported for the 12-month period which corresponds to your library's fiscal year between the calendar period June 1, 1999, to September 30, 2000. All expenditures should be reported in whole dollars in the most appropriate category to provide an unduplicated count of expenditures. *Exclude* expenditures for new buildings and building renovation. DO NOT REPORT ANY EXPENDITURES MORE THAN ONCE.

Salaries and wages (lines 09-11) - Report expenditures for full-time and part-time salaries and wages before deductions. Exclude employee fringe benefits provided by your institution for all regular library staff which may be reported on line 25. Include salaries and wages from all sources paid to students serving on an hourly basis, if available; e.g., College Work Study Program. *Exclude* contributed services and maintenance and custodial staff.

Information resources (lines 12-19) -

Books, serial backfiles, and other materials (one time purchases) (lines 12 and 13) - Report expenditures for all published materials. *Do not include* current serial subscriptions.

Paper (line 12)- Report expenditures for all materials produced by making an impression with ink on paper.

Microform (line 12) - Report expenditures for all photographic reproductions of textual, tabular, or graphic materials reduced in size so that they can be used only with magnification. Examples of microforms are roll microfilm, microcard, microfiche, and ultrafiche.

Electronic (line 13) - Report expenditures for materials that are considered part of the collection, whether purchased or leased, such as CD-ROMs, magnetic tapes, and magnetic disks, that are designed to be processed by a computer or similar machine. Include material available remotely. Include expenditures for materials purchased jointly if such expenditures can be separated from other charges for joint services. Include expenditures for equipment when the cost is inseparably bundled into the price of the information service product. *Exclude* expenses for library system software and microcomputer software used only by the library staff which are reported on line 21.

Current serial subscriptions and search services (ongoing commitments) (lines 14 and 15) - Report expenditures for current subscriptions to serials. These are publications issued in successive parts, usually at regular intervals, and, as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies. Include leases to collections of electronic serials. Include cost of search services such as First Search or Dialog.

Paper (line 14) - See definition for line 12 above.

Microform (line 14) - See definition for line 12 above.

Electronic (line 15) - See definition for line 13 above.

Other Information Resources (lines 16-19) -

Audiovisual materials (line 16) - Report expenditures for all library materials that are displayed by visual projection or magnification or through sound reproduction, or both, including graphic materials, audio materials, motion pictures, video materials, and special visual materials such as three-dimensional materials.

Document delivery/interlibrary loan (line 17) - Report expenditures for document delivery and interlibrary loan services. Include fees paid for photocopies, costs of facsimile transmission, royalties and access fees paid to provide document delivery or interlibrary loan. Include fees paid to bibliographic utilities if the portion paid for interlibrary loan can be separately counted. *Do not count* expenditures related to transactions between the main or central library and any libraries reported in Part A, transactions between libraries reported in Part A, or expenditures for on campus delivery.

Preservation (line 18) - Report expenditures associated with maintaining library and archival materials for use either in their original physical form or in some other usable way. This includes but is not limited to binding and rebinding+E4, materials conservation, deacidification, lamination, and restoration. *Do not include* staff salaries and wages.

Other materials (line 19) - Report any other collection expenditures not already included on lines 12 through 18, such as expenditures for cartographic materials and manuscripts.

Operating Expenditures (lines 20-23) -

Furniture and equipment (line 20) - Report expenditures for all library furniture and equipment purchased during the 2000 fiscal year. Include microform equipment, audiovisual equipment, and related maintenance costs. *Exclude* expenditures for computer equipment.

Computer hardware and software (line 21) - Report expenditures from the library budget for computer hardware and software used to support library operations, whether purchased or leased, mainframe or microcomputer. Include expenditures for maintenance. Include the expenditure for equipment used to run information service products when that expenditure can be separated from the price of the product. *Exclude* expenditures reported on line 15.

Bibliographic utilities, networks, and consortia (line 22) - Report expenditures for services provided by national, regional, and local bibliographic utilities, networks, and consortia. *Exclude* expenditures already reported on lines 13, 15 and 17.

All other operating expenditures (line 23) - Report all other expenditures not already reported on lines 09 through 22 except employee fringe benefits which are reported on line 25. *Exclude* expenditures for new buildings and building renovations.

Total Expenditures (line 24) - Report the sum of lines 09 through 23.

Employee fringe benefits (line 25a) — If benefits are paid from the library budget, select "Y" and report the amount in line 25b. If benefits are not paid from the library budget, select "N" and skip to Part D, line 26.

(line 25b) - If benefits are paid from the library budget, report the amount here.

PART D - LIBRARY COLLECTIONS, FISCAL YEAR 2000

NOTE - This section of the survey collects data on selected types of material. It does not cover all materials.

Column (1), Total number added during fiscal year - Report the gross number of each category added. Do not subtract the number withdrawn.

Column (2), Total number held at end of fiscal year - Report the total number of each category held at end of fiscal year. To get this figure, take the total number held at the end of the previous fiscal year, add the number added during the fiscal year just ended and subtract the number withdrawn during that period.

Volume (line 26) - Any printed, mimeographed, or processed work contained in one binding or portfolio, hardbound or paper bound, which has been cataloged, classified, or otherwise made ready for use. Include any government documents that are accessible through the library's catalog regardless of whether or not they are separately shelved. This includes documents for which records are provided by the library or downloaded from other sources into the library catalog.

If you have not kept a volume count for government documents, please use the following guidelines from the ARL Statistics: "if a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae: 52 document pieces per foot: 10 'traditional' volumes per foot; 5.2 document pieces per volume."

Title (line 27) - A publication which forms a separate bibliographic whole, whether issued in one or several volumes, reels, disks, slides, or parts. The term "publication" applies to printed materials, such as books, periodicals (serial backfiles), and government documents, as well as to such formats as microforms, audiovisual materials, and computer files. To determine the number of titles, count each unique bibliographic record in the library's catalog.

Unit (lines 28 and 30) - An individual physical item of library material. Examples of units are: a volume (books and serials); a reel, sheet, or card (microforms); disk, cassette, reel, slide, chart, picture, tape, or cartridge (audiovisual material).

NOTE - For libraries which have card catalogs, a unique bibliographic record is represented by a shelf list entry. Libraries with electronic catalogs should be careful to distinguish between the BIBLIOGRAPHIC record which describes the title and the ITEM records which describe the individual volumes, parts, reels, disks, etc., associated with the title. Examples: Six copies of the same edition of a title count as one title or bibliographic record; two editions of the same title which have been cataloged or recorded separately count

as two bibliographic records; a set of six monographs for which there are six bibliographic records counts as six titles; and two multi-volume sets of the same edition for which one bibliographic record has been made count as one title.

Books, serial backfiles, and other materials (include government documents (lines 26-28) - Report the number of paper volumes and/or titles as well as microform units.

Paper (lines 26, 27, and 29) - Report number of volumes (line 26) and number of titles (line 27). For definition of paper, see instructions for line 12 above.

Microform (lines 28 and 29) - Report number of units. For definition of microform, see instructions for line 12 above.

Current serial subscriptions in paper and microform (line 29) - Report the total number of current serials received including those that are paid for and those received without payment. Include paper and microform government documents issued serially. *Do not include* any electronic subscriptions.

Audiovisual materials (line 30) - Report number of units. For definition of audiovisual materials, see instructions for line 16 above.

PART E - LIBRARY SERVICES, FISCAL YEAR 2000

Interlibrary loans (lines 31-36) - On lines 31, 32, and 33, report the number of filled requests for material provided to other libraries. On lines 34, 35, and 36, report the number of filled requests for material received from other libraries or document delivery services. *Do not include* transactions between the main or central library and any libraries reported in Part A or transactions between libraries reported in Part A.

Returnables (lines 31 and 34) - Report materials that the supplier/lending library expects to have returned. Examples of returnables include books, dissertations and theses, microfilm reels, sound recordings, and audiovisual material.

Non-returnables (lines 32 and 35) - Report materials that the supplier/lending library does not expect to have returned. Examples of non-returnables include photocopies or facsimiles, fiche-to-fiche copies, print copies from microfilm, electronic full-text documents, and gratis print copies of unpublished reports and/or departmental working papers.

Total loans (lines 33 and 36) - Sum lines 31 and 32 for line 33, and sum lines 34 and 35 for line 36.

Documents delivered from commercial services (line 37) - Report the number of documents from commercial document delivery services received by your users. Count all transactions for which the library pays even if library staff is not involved in the transaction. Include documents received by regular or express mail, by fax, or in electronic form.

Circulation transactions (include reserves) (line 38) - Report the number of items lent from the general collection and the reserve collection. Include both initial transactions and renewals.

Information services to groups (lines 39 and 40) - Report the total number of presentations (line 39) and

the total number of persons attending or served by those presentations (line 40). Information services to groups are presentations at which a staff member or person invited by a staff member provides information intended for a number of persons and planned in advance. These services may be either bibliographic instruction or library use presentations, or cultural, recreational, or educational presentations. Presentations both on and off the library premises should be included, as long as they are sponsored by the library. *Do not include* meetings sponsored by other groups using library meeting rooms.

PART F - LIBRARY SERVICES - TYPICAL WEEK, FALL 2000

Collect data during a typical week in the fall. A typical week is one that is neither unusually busy nor unusually slow. Avoid vacation periods for key staff or days when unusual events are taking place on the campus or in the library. Choose a week in which the library is open its regular hours. Include any seven consecutive calendar days. If waiting for a typical week in Fall 2000 will delay this form, please use typical week data from the preceding fiscal year. If you have data for the entire year, divide by the number of weeks that the library was open.

Hours open in a typical week (line 41) - Report an unduplicated count of hours open in a typical week for both main library and branches reported in Part A using the following method. If a library is open from 9 a.m. to 5 p.m., Monday through Friday, it should report 40 hours per week. If several of its branches are also open during those hours, the figure remains 40 hours per week. Should Branch A also be open one evening from 7:00 to 9:00, the total hours during which users can find service becomes 42. If Branch B is open the same hours on the same evening, the total remains 42, but if it is open two hours on another evening, or from 5:00 to 7:00 on the evening when Branch A is open later, the total becomes 44 hours during which users can find service.

Gate count in a typical week (line 42) - Report the number of persons who physically enter library facilities in a typical week. It is understood that a single person may be counted more than once.

Reference transactions in a typical week (line 43) - Report the total number of reference transactions in a typical week. A reference transaction is an information contact that involves the knowledge, use, commendation, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including assistance with computer searching), catalogs and other holdings records, and, through communication or referral, other libraries and institutions, and persons both inside and outside the library. Include information and referral services. If a contact includes both reference and directional services, it should be reported as one reference transaction. When a staff member utilizes information gained from a previous use of information sources to answer a question, report as a reference transaction, even if the source is not consulted again during this transaction. Duration should not be an element in determining whether a transaction is a reference transaction.

Do not report directional transactions here. A directional transaction is an information contact which facilitates the use of the library in which the contact occurs and which does NOT involve the knowledge, use, recommendation, interpretation, or instruction in the use of any information sources other than those which describe the library; such as schedules, floor plans, handbooks, and policy statements. Examples of directional transactions include giving instruction in locating, within the library, staff, library users, or physical features, etc., and giving assistance of a nonbibliographic nature with machines.

PART G - ELECTRONIC SERVICES

This section requests information about the availability of electronic services in the library and elsewhere on campus and off campus accessed by your primary clientele, and other users. The questions require a "Yes" or "No" response to the availability of the various services listed.

Does your institution have distance education students (60a) - If your institution has distance education students, select "Y" and reply to line 60b. If your institution does not have distance education students, select "N" and skip to line 61.

Services to your institution's distance education students (60b) - If you selected "Y" to 60a, indicate here if your institution does or does not offer services to distance education students.

2000 ACADEMIC LIBRARIES SURVEY

Please answer the following questions to determine if you need to complete this Survey?

a. Do you have an organized collection of printed or other materials or a combination thereof?   ☐ Yes ☐ No

b. Do you have a staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele?   ☐ Yes ☐ No

c. Do you have an established schedule in which services of the staff are available to clientele?   ☐ Yes ☐ No

d. Does the library have the physical facilities necessary to support such a collection, staff, and schedule?   ☐ Yes ☐ No

e. Do you Provide financial support to another library?   ☐ Yes ☐ No

2000 ACADEMIC LIBRARIES SURVEY

Joint Library Financial Support

Identify up to three the postsecondary institutions or public libraries for which your institution contributes financial support for a joint library. Please add (click on Add to List) or delete (click the delete box next to the institution and then click on Remove from List) institutions from this list, as necessary.

Thank you for answering the pre-survey questions. Your responses to questions a-d indicate your institution is outside the scope of the Academic Library Survey. You will not need to complete the full-survey form. Please click on Log Out at the left to leave the survey site.

#	Unit ID	Institution Name	Address	Delete
		No records found		

Appendix C—Survey Instrument
Academic Libraries Survey (ALS) 2000

2000 ACADEMIC LIBRARIES SURVEY

A/B-Pub Outlets/Lib Staff

Line No.	Item	Number
01	Branch and independent libraries - Exclude main or central library	

PART B - LIBRARY STAFF, FALL 2000
(Exclude maintenance and custodial staff and volunteers)
NOTE: Report data to two decimals.

Line No.	Staff	Number of full-time equivalents (FTEs)
	Librarians and other professional staff:	
02	Librarians	
03	Other professional staff	
04	**Total librarians and other professional staff** (Sum lines 02 and 03)	
05	All other paid staff (except student assistants)	
06	Contributed services staff	
07	Student assistants from all funding sources	
08	**Total full-time equivalent (FTE) staff** (Sum lines 04 through 07)	

2000 ACADEMIC LIBRARIES SURVEY

C-Library Expenditures

Note : Do not report the same expenditures more than once.
See Instructions for exclusions for each expenditure type.

Line No.	Expenditures	Amount (Whole dollars only)
	Salaries and wages:	
09	Librarians and other professional staff	$
10	All other paid staff (except student assistants)	$
11	Student assistants	$
	Information resources:	
	Books, serial backfiles and other materials (one-time purchases):	
12	Paper and microform	$
13	Electronic	$
	Current serial subscriptions and search services (ongoing commitments):	
14	Paper and microform	$
15	Electronic	$
	Other information resources:	
16	Audiovisual materials	$
17	Document delivery/interlibrary loan	$
18	Preservation	$
19	Other materials	$
	Operating expenditures:	
20	Furniture and equipment (exclude computer equipment)	$
21	Computer hardware and software (include maintenance)	$
22	Bibliographic utilities, networks and consortia	$
23	All other operating expenditures	$
24	**TOTAL EXPENDITURES** (Sum lines 09 through 23)	$
25a	Are employee fringe benefits paid from the library budget ? **If no, select "N" and skip to Part D, line 26**	
25b	Employee fringe benefits (If paid from library budget)	$

2000 ACADEMIC LIBRARIES SURVEY

D-Library Collections, FY 2000

Line No.	Collections	Added during the Fiscal Year (1)	Held at end of Fiscal Year (2)
	Books, serial backfiles and other materials (include government documents):		
26	Paper - Volumes		
27	Paper - Titles		
28	Microform - Units		
29	Current serial subscriptions in paper and microform (include government documents)		
30	Audiovisual materials - Units		

2000 ACADEMIC LIBRARIES SURVEY

PART E - LIBRARY SERVICES, FY 2000

Note: See exclusions in Instructions.

Line No.	Services	Number
	Interlibrary loans <u>provided</u> to other libraries:	
31	Returnable	
32	Non-returnable	
33	**Total provided** (Sum lines 31 and 32)	
	Interlibrary loans <u>received</u> from other libraries:	
34	Returnable	
35	Non-returnable	
36	**Total received** (Sum lines 34 and 35)	
37	Documents delivered from commercial services	
38	Circulation transactions (include reserves)	
	Information services to groups:	
39	Number of presentations	
40	Total attendance at all presentations	

PART F - LIBRARY SERVICES, TYPICAL WEEK, FALL 2000

Note: See exclusions in Instructions.

Line No.	Services	Number in a typical week
41	Hours open in a typical week	
42	Gate count in a typical week	
43	Reference transactions in a typical week	

2000 ACADEMIC LIBRARIES SURVEY

PART G1 - ELECTRONIC SERVICES

This section requests information about the availability of electronic services in the library and elsewhere on campus and off campus access by your primary clientele and other users.

Please respond to each item by selecting "Y" or "N" in each column. If answering for more than one library, select "Y," if at least one has the service.

Line No.	Services	Access from		Access off campus by	
		Within library (1)	Elsewhere on campus (2)	Primary clientele (3)	Others (4)
	Does the library or parent institution make available the following services?				
44	An electronic catalog that includes the library's holdings	▼	▼	▼	▼
45	Electronic indexes and reference tools	▼	▼	▼	▼
46	Electronic full-text periodicals	▼	▼	▼	▼
47	Electronic full-text course reserves	▼	▼	▼	▼
48	Electronic files other than the catalog (e.g., finding aids, indices, manuscripts) created by library staff	▼	▼	▼	▼
49	Internet access	▼	▼	▼	▼
50	Library reference service by E-mail	▼	▼	▼	▼
51	Capacity to place interlibrary loan/document delivery requests electronically	▼	▼	▼	▼
52	Technology to assist patrons with disabilities (e.g., TDD, specially equipped work stations)	▼	▼	▼	▼
53	Instruction by library staff on use of internet resources	▼	▼	▼	▼
54	Electronic document delivery by the library to patron's account/address	▼	▼	▼	▼
55	Video/desktop conferencing by or for the library	▼	▼	▼	▼
56	Satellite broadcasting by or for the library	▼	▼	▼	▼

2000 ACADEMIC LIBRARIES SURVEY

PART G2 - ELECTRONIC SERVICES

Please respond to each item by selecting "Y" or "N" in each column. If answering for more than one library, select "Y," if at least one has the service.

**Line
No.**   **Services**

Does your library provide the following services?

57 Computers not dedicated to library functions for patron use inside the library

58 Computer software for patron use in the library (e.g., word processing, spreadsheet, custom applications, etc.)

59 Scanning equipment for patron use in the library

60a Does your institution have distance education students ?
   If no, select "N" and skip to line 61.

60b   Services to your institution's distance education students

Consortorial services:

61 Does your state have one or more state subsidized library consortium that provides access to electronic resources?
   If no, select "N" and skip to line 65.

62 Does your library participate in the consortium?
   If no, select "N" and skip to line 65.

63 Is the cost of your library's participation fully funded by the state?
   If yes, select "Y" and skip to line 65.

64 Is the cost of your library's participation partially funded by the state?

65 Does your library participate in any other consortia for access to electronic resources?

Appendix D—Crosswalks
Academic Libraries Survey (ALS) 2000

This section shows the crosswalks from ALS 1998 to ALS 2000 and ALS 2000 to ALS 1998. Variable names were substantially changed from 1998 to 2000.

ALS crosswalk from 1998 to 2000, by variable order

ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE LABEL
A_IMP	PARTAFLAG	Impute status of Part A
A149	TFTFAC11_12M	Total FT faculty on 11/12 month contract
A74	TFTFAC9_10M	Total FT faculty on 9/10 month contract
ACT	ACT	Status of institution
AFFIL	AFFIL	Affiliation of institution
AREA	*No Matching Variable*	AREASEARCH
ASSOCDG	ASSOCDG	Total # of associate deg frm Completions
B_IMP	PARTBFLAG	Impute status of Part B
B121	*No Matching Variable*	Unrestricted E&G expenditures 1998
B122	*No Matching Variable*	Restricted E&G expenditures 1998
B123	EXTOTE_G2000	Total E&G expenditures 2000
BACHDEG	BACHDEG	Total # of bachelors deg frm Completions
C_IMP	PARTCFLAG	Impute status of Part C
CARNEGIE	CARNEGIE	Carnegie Classification Code
CITY	CITY	City location of institution
CONTROL	CONTROL	Control of institution
D_IMP	PARTDFLAG	Impute status of Part D
DOCTDEG	DOCTDEG	Total # of doctors deg frm Completions
E_IMP	PARTEFLAG	Impute status of Part E
ENROLL	TOTENR9899	Total enrollment 1998-99
F_IMP	PARTFFLAG	Impute status of Part F
FB12_1	*No Matching Variable*	E&G for private, non-profits, 1997
FICE	*No Matching Variable*	Identifies schools accredited at the college level by an agency recognized by the Secretary of Education (formerly included in HEGIS)
FIPS	FIPS	FIPS state code
FORMRT	FORM	Survey form
FPOFFER	FPOFFER	First-professional offering
FTGRAD	FTGS9899	Full-time graduate students 1998-99
FTUNDER	FTUS9899	Full-time undergraduate students 1998-99
HBCU	HBCU	Historically Black College or University
HDEGOFFR	HDEGOFFR	Highest Degree Offered
HLOFFER	HLOFFER	Highest level of offering
HOSPITAL	HOSPITAL	Institution has hospital
ILA1	XBRANCHES	Item status flag for LA1
ILB2	XSTLIBS	Item status flag for LB2
ILB3	XSTOTHPRO	Item status flag for LB3
ILB4	XSTLIBPRO	Item status flag for LB4
ILB5	XSTOTH	Item status flag for LB5
ILB6	XSTCONSRV	Item status flag for LB6
ILB7	XSTASST	Item status flag for LB7
ILB8	XSTTOT2000	Item status flag for LB8
ILC10	XSWOTH	Item status flag for LC10
ILC11	XSWASST	Item status flag for LC11
ILC12	XIRPAMICR	Item status flag for LC12
ILC13	XEXELBKS	Item status flag for LC13
ILC14	XCUPAMICR	Item status flag for LC14
ILC15	XEXELSER	Item status flag for LC15
ILC16	XEXAUD	Item status flag for LC16
ILC17	XEXDEL	Item status flag for LC17
ILC18	XEXPRES	Item status flag for LC18
ILC19	XEXOTHIR	Item status flag for LC19
ILC20	XEXFUREQP	Item status flag for LC20
ILC21	XEXCOMP	Item status flag for LC21
ILC22	XEXBIB	Item status flag for LC22
ILC23	XEXOTH2000	Item status flag for LC23
ILC24	XEXTOT	Item status flag for LC24
ILC25	XFRINGE	Item status flag for LC25
ILC9	XSWLIBPRO	Item status flag for LC9
ILD26_1	XCOLBKSA	Item status flag for LD26_1
ILD26_2	XCOLBKSH	Item status flag for LD26_2
ILD27_1	XCOLBKPTA	Item status flag for LD27_1
ILD27_2	XCOLBKPTH	Item status flag for LD27_2
ILD28_1	XCOLMICRA	Item status flag for LD28_1
ILD28_2	XCOLMICRH	Item status flag for LD28_2
ILD29_1	*No Matching Variable*	Item status flag for LD29_1
ILD29_2	*No Matching Variable*	Item status flag for LD29_2
ILD30_1	XCOLSERA	Item status flag for LD30_1
ILD30_2	XCOLSERH	Item status flag for LD30_2
ILD31_1	XCOLSERA	Item status flag for LD31_1

ALS crosswalk from 1998 to 2000, by variable order

ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE LABEL
ILD31_2	XCOLSERH	Item status flag for LD31_2
ILD32_1	XCOLAUDA	Item status flag for LD32_1
ILD32_2	XCOLAUDH	Item status flag for LD32_2
ILE33	XILPRET	Item status flag for LE33
ILE34	XILPNON	Item status flag for LE34
ILE35	XILPTOT	Item status flag for LE35
ILE36	XILRRET	Item status flag for LE36
ILE37	XILRNON	Item status flag for LE37
ILE38	XILRTOT	Item status flag for LE38
ILE39	XCIRTRANS	Item status flag for LE39
ILE40	XCIRTRANS	Item status flag for LE40
ILE41	XPRESEN	Item status flag for LE41
ILE42	XATTEND	Item status flag for LE42
ILF43	XHOURS	Item status flag for LF43
ILF44	XGATECT	Item status flag for LF44
ILF45	XREFTRANS	Item status flag for LF45
IMPA149	XTFTFAC11_12M	Item status flag
IMPA74	XTFTFAC9_10M	Item status flag
IMPTYPE	IMPUTE	Impute status of the institution
INSTNM	INSTNM	Institution (entity) name
LA1	BRANCHES	Number of branch & independent libraries
LB2	STLIBS	Librarians
LB3	STOTHPRO	Other professional staff
LB4	STLIBPRO	Total librarians & OPS (LB2+LB3)
LB5	STOTH	All other paid staff
LB6	STCONSRV	Contributed services staff
LB7	STASST	Student assistants-all funding sources
LB8	STTOT2000	Total FTE staff (SUM(LB4-LB7))
LC10	SWOTH	Expenditures for all other paid staff
LC11	SWASST	Expenditures for student assistants
LC12	IRPAMICR	Expenditures-Books-paper and microforms
LC13	EXELBKS	Expenditures-Books-electronic
LC14	CUPAMICR	Exp-Current serials-paper & microforms
LC15	EXELSER	Expenditures-Current serials-electronic
LC16	EXAUD	Expenditures for audiovisual materials
LC17	EXDEL	Expend-Document deliv/Interlibrary loan
LC18	EXPRES	Expenditures for Preservation
LC19	EXOTHIR	Expenditures for other materials
LC20	EXFUREQP	Expenditures for furniture & equipment
LC21	EXCOMP	Expend-Computer hardware and software
LC22	EXBIB	Biblio utilities, networks, consortia
LC23	EXOTH2000	All other operating expenditures
LC24	EXTOT	Total expenditures (sum LC9-LC23)
LC25	FRINGE	Expenditures-Employee fringe benefits
LC9	SWLIBPRO	Expenditures for librarians & OPS
LD26_1	COLBKSA	Books - paper - volumes added
LD26_2	COLBKSH	Books - paper - volumes held
LD27_1	COLBKPTA	Books - paper - titles added
LD27_2	COLBKPTH	Books - paper - titles held
LD28_1	COLMICRA	Books - microform - units added
LD28_2	COLMICRH	Books - microform - units held
LD29_1	*No Matching Variable*	Titles (books-electronic) added during the fiscal year
LD29_2	*No Matching Variable*	Titles (books-electronic) held during the fiscal year
LD30_1	COLSERA	Units (current serials - paper/microforms) added during the fiscal year
LD30_2	COLSERH	Units (current serials - paper/microforms) held during the fiscal year
LD31_1	COLSERA	Units (current serials - electronic) added during the fiscal year
LD31_2	COLSERH	Units (current serials - electronic) held during the fiscal year
LD32_1	COLAUDA	Audiovisual materials - units added
LD32_2	COLAUDH	Audiovisual materials - units held
LE33	ILPRET	Interlib loans to othr lib-returnable
LE34	ILPNON	Interlib loans to othr lib-non-return
LE35	ILPTOT	Interlib loans to othr lib-tota
LE36	ILRRET	Interlib loans from othr lib-returnable
LE37	ILRNON	Interlib loans from othr lib-non-return
LE38	ILRTOT	Interlib loans from othr lib-total
LE39	CIRTRANS	Circulation transactions - general collection
LE40	CIRTRANS	Circulation transactions - reserve collection
LE41	PRESEN	Number of presentations
LE42	ATTEND	Total attendance at all presentations
LEVEL	ICLEVEL	Level of institution

ALS crosswalk from 1998 to 2000, by variable order

ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE LABEL
LF43	HOURS	Hours open in a typical week
LF44	GATECT	Gate count in a typical week
LF45	REFTRANS	Reference transactions in a typical week
LG46_1	ELCATYN	Access of elec catalog within library
LG46_2	ELCATCMPYN	Access-elec catalg elsewhere on campus
LG46_3	ELCATOCPYN	Acc-elec catalg off campus-prmary client
LG46_4	ELCATOCOYN	Access-elec catalog off campus-others
LG47_1	ELINDYN	Acc elec index & ref tools w/in lib
LG47_2	ELINDCMPYN	Acc elec index & ref tool else on cmp
LG47_3	ELINDOCPYN	Acc elec index & ref tool off cmp-prmry
LG47_4	ELINDOCOYN	Acc elec index & ref tool off cmp-oth
LG48_1	ELPERYN	Acc elec full text periodical w/in lib
LG48_2	ELPERCMPYN	Acc elec full text period. else on cmp
LG48_3	ELPEROCPYN	Acc elec full text period. off cmp-prm
LG48_4	ELPEROCOYN	Acc elec full text period. off cmp-oth
LG49_1	ELCRSYN	Acc elec full text course res w/in lib
LG49_2	ELCRSCMPYN	Acc elec fl txt course res else on cmp
LG49_3	ELCRSOCPYN	Acc elec fl txt course res off cmp-prm
LG49_4	ELCRSOCOYN	Acc elec fl txt course res off cmp-oth
LG50_1	DOCDIGYN	Acc elec files(not ctlg) w/in lib
LG50_2	DOCDIGCMPYN	Acc elec files(not ctlg) else on cmpus
LG50_3	DOCDIGOCPYN	Acc elec files(not ctlg) off cmpus-prm
LG50_4	DOCDIGOCOYN	Acc elec files(not ctlg) off cmpus-oth
LG51_1	INETYN	Internet access w/in library
LG51_2	INETCMPYN	Internet access elsewhere on campus
LG51_3	INETOCPYN	Internet access off campus-primary
LG51_4	INETOCOYN	Internet access off campus-other
LG52_1	LIBREFYN	Lib ref serv by email w/in library
LG52_2	LIBREFCMPYN	Lib ref serv by email else on campus
LG52_3	LIBREFOCPYN	Lib ref serv by email off campus-prim
LG52_4	LIBREFOCOYN	Lib ref serv by email off campus-othr
LG53_1	LOANREQYN	Interlib loan req elec w/in library
LG53_2	LOANREQCMPYN	Interlib loan req elec else on campus
LG53_3	LOANREQOCPYN	Interlib loan req elec off campus-prim
LG53_4	LOANREQOCOYN	Interlib loan req elec off campus-othr
LG54_1	TECHYN	Tech to asst patrons w/disabil w/in lib
LG54_2	TECHCMPYN	Tech to asst ptrns w/disabil else on cmp
LG54_3	TECHOCPYN	Tech to asst ptrns w/disabil off cmp-prm
LG54_4	TECHOCOYN	Tech to asst ptrns w/disabil off cmp-oth
LG55_1	INSINETYN	Instr by lib stf-internet w/in lib
LG55_2	INSINETCMPYN	Instr by lib stf-internet else on cmp
LG55_3	INSINETOCPYN	Instr by lib stf-internet off cmp-prm
LG55_4	INSINETOCOYN	Instr by lib stf-internet off cmp-oth
LG56_1	ELDOCDELYN	Elec doc deliv-lib to acct w/in lib
LG56_2	ELDOCDELCMPYN	Elec doc deliv-lib to acct else on cmp
LG56_3	ELDOCDELOCPYN	Elec doc deliv-lib to acct off cmp-prm
LG56_4	ELDOCDELOCOYN	Elec doc deliv-lib to acct off cmp-oth
LG57_1	VDOCONFYN	Video/desktop conf for lib w/in lib
LG57_2	VDOCONFCMPYN	Video/desktop conf for lib else on cmp
LG57_3	VDOCONFOCPYN	Video/desktop conf for lib off cmp-prm
LG57_4	VDOCONFOCOYN	Video/desktop conf for lib off cmp-oth
LG58_1	SATBRYN	Satellite broadcast for lib w/in lib
LG58_2	SATBRCMPYN	Satellite broadcast for lib-else on cmp
LG58_3	SATBROCPYN	Satellite broadcast for lib-off cmp-prm
LG58_4	SATBROCOYN	Satellite broadcast for lib-off cmp-oth
LG59	COMPUTERYN	Computers for patron use in library
LG60	SOFTWAREYN	Computer software for patron use in lib
LG61	SCANNERYN	Scanning equip for patron use in library
LG62	DISTEDSRVYN	Services to distance education students
LGNODIST	*No Matching Variable*	No distance education students
LIBNAME1	LIBNAME1	Name of shared library
LIBNAME2	LIBNAME2	Name of shared library
LIBNAME3	LIBNAME3	Name of shared library
LIBSHAR1	LIBSHAR1	UNITID for shared library
LIBSHAR2	LIBSHAR2	UNITID for shared library
LIBSHAR3	LIBSHAR3	UNITID for shared library
LOCALE	LOCALE	Degree of Urbanization
MASTDEG	MASTDEG	Total # of masters deg frm Completions
MEDICAL	MEDICAL	Institution grants a medical degree
NCESDATE	DATEFLAG	Item status flag

ALS crosswalk from 1998 to 2000, by variable order

ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE LABEL
NCESEDIT	EDITSTATUS	Edit status of the institution
OBEREG	OBEREG	OBE Region code
OPEID	OPEID	Office of Postsecondary Education ID
OPEIND	OPEFLAG	OPE eligibility indicator code
OPETYPE	No Matching Variable	Type of OPE Number on IPEDS Institutional Characteristics file
OWNLIB	No Matching Variable	Own library
PARCHILD	CYPARCH	Parent/child indicator
PCTMIN1	PCTMIN1	Percent Black, non-Hispanic
PCTMIN2	PCTMIN2	Percent American Indian/Alaskan Native
PCTMIN3	PCTMIN3	Percent Asian/Pacific Islander
PCTMIN4	PCTMIN4	Percent Hispanic
PROFDEG	PROFDEG	Total # of first prof deg fr Completions
PTGRAD	PTGS9899	Part-time graduate students 1998-99
PTUNDER	PTUS9899	Part-time undergraduate students 1998-99
REFUSAL	REFUSAL	Refusal status of the institution
RSTATUS	STATUS	Response status of the institution
SECTOR	SECTOR	Sector of institution
SFAELIG	No Matching Variable	Indication on Institutional Characteristics form whether or not an institution is eligible to participate in Title IV Financial Aid programs.
SOURCE	DATSRC	Medium used to collect data
STABBR	STABBR	Post Office State abbreviation code
TRIBAL	TRIBAL	Tribal college
UNITID	UNITID	Identification number
UNITIDX	UNITIDX	UNITID number of parent institution
XB121	No Matching Variable	Status flag for B121
XB122	No Matching Variable	Status flag for B122
XB123	XEXTOTE_G2000	Status flag for B123
XFB12_1	No Matching Variable	Status flag for XFB12_1

Appendix D—Crosswalks
Academic Libraries Survey (ALS) 2000

ALS crosswalk from 1998 to 2000, by file order

ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE LABEL
UNITID	UNITID	Identification number
INSTNM	INSTNM	Institution (entity) name
CITY	CITY	City location of institution
STABBR	STABBR	Post Office State abbreviation code
FIPS	FIPS	FIPS state code
OBEREG	OBEREG	OBE Region code
FICE	No Matching Variable	Identifies schools accredited at the college level by an agency recognized by the Secretary of Education (formerly included in HEGIS)
RSTATUS	STATUS	Response status of the institution
IMPTYPE	IMPUTE	Impute status of the institution
PARCHILD	CYPARCH	Parent/child indicator
UNITIDX	UNITIDX	UNITID number of parent institution
SECTOR	SECTOR	Sector of institution
LEVEL	ICLEVEL	Level of institution
CONTROL	CONTROL	Control of institution
AFFIL	AFFIL	Affiliation of institution
HLOFFER	HLOFFER	Highest level of offering
FPOFFER	FPOFFER	First-professional offering
LOCALE	LOCALE	Degree of Urbanization
PCTMIN1	PCTMIN1	Percent Black, non-Hispanic
PCTMIN2	PCTMIN2	Percent American Indian/Alaskan Native
PCTMIN3	PCTMIN3	Percent Asian/Pacific Islander
PCTMIN4	PCTMIN4	Percent Hispanic
HBCU	HBCU	Historically Black College or University
HOSPITAL	HOSPITAL	Institution has hospital
MEDICAL	MEDICAL	Institution grants a medical degree
TRIBAL	TRIBAL	Tribal college
CARNEGIE	CARNEGIE	Carnegie Classification Code
SOURCE	DATSRC	Medium used to collect data
OPEID	OPEID	Office of Postsecondary Education ID
OPEIND	OPEFLAG	OPE eligibility indicator code
HDEGOFFR	HDEGOFFR	Highest Degree Offered
NCESEDIT	EDITSTATUS	Edit status of the institution
FORMRT	FORM	Survey form
AREA	No Matching Variable	AREASEARCH
ACT	ACT	Status of institution
NCESDATE	DATEFLAG	Item status flag
OPETYPE	No Matching Variable	Type of OPE Number on IPEDS Institutional Characteristics file
SFAELIG	No Matching Variable	Indication on Institutional Characteristics form whether or not an institution is eligible to participate in Title IV Financial Aid programs.
REFUSAL	REFUSAL	Refusal status of the institution
A_IMP	PARTAFLAG	Impute status of Part A
B_IMP	PARTBFLAG	Impute status of Part B
C_IMP	PARTCFLAG	Impute status of Part C
D_IMP	PARTDFLAG	Impute status of Part D
E_IMP	PARTEFLAG	Impute status of Part E
F_IMP	PARTFFLAG	Impute status of Part F
ASSOCDG	ASSOCDG	Total # of associate deg frm Completions
BACHDEG	BACHDEG	Total # of bachelors deg frm Completions
MASTDEG	MASTDEG	Total # of masters deg frm Completions
DOCTDEG	DOCTDEG	Total # of doctors deg frm Completions
PROFDEG	PROFDEG	Total # of first prof deg fr Completions
OWNLIB	No Matching Variable	Own library
LIBSHAR1	LIBSHAR1	UNITID for shared library
LIBNAME1	LIBNAME1	Name of shared library
LIBSHAR2	LIBSHAR2	UNITID for shared library
LIBNAME2	LIBNAME2	Name of shared library
LIBSHAR3	LIBSHAR3	UNITID for shared library
LIBNAME3	LIBNAME3	Name of shared library
LA1	BRANCHES	Number of branch & independent libraries
LB2	STLIBS	Librarians
LB3	STOTHPRO	Other professional staff
LB4	STLIBPRO	Total librarians & OPS (LB2+LB3)
LB5	STOTH	All other paid staff
LB6	STCONSRV	Contributed services staff
LB7	STASST	Student assistants-all funding sources
LB8	STTOT2000	Total FTE staff (SUM(LB4-LB7))
LC9	SWLIBPRO	Expenditures for librarians & OPS
LC10	SWOTH	Expenditures for all other paid staff

ALS crosswalk from 1998 to 2000, by file order

ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE LABEL
LC11	SWASST	Expenditures for student assistants
LC12	IRPAMICR	Expenditures-Books-paper and microforms
LC13	EXELBKS	Expenditures-Books-electronic
LC14	CUPAMICR	Exp-Current serials-paper & microforms
LC15	EXELSER	Expenditures-Current serials-electronic
LC16	EXAUD	Expenditures for audiovisual materials
LC17	EXDEL	Expend-Document deliv/Interlibrary loan
LC18	EXPRES	Expenditures for Preservation
LC19	EXOTHIR	Expenditures for other materials
LC20	EXFUREQP	Expenditures for furniture & equipment
LC21	EXCOMP	Expend-Computer hardware and software
LC22	EXBIB	Biblio utilities, networks, consortia
LC23	EXOTH2000	All other operating expenditures
LC24	EXTOT	Total expenditures (sum LC9-LC23)
LC25	FRINGE	Expenditures-Employee fringe benefits
LD26_1	COLBKSA	Books - paper - volumes added
LD26_2	COLBKSH	Books - paper - volumes held
LD27_1	COLBKPTA	Books - paper - titles added
LD27_2	COLBKPTH	Books - paper - titles held
LD28_1	COLMICRA	Books - microform - units added
LD28_2	COLMICRH	Books - microform - units held
LD29_1	*No Matching Variable*	Titles (books-electronic) added during the fiscal year
LD29_2	*No Matching Variable*	Titles (books-electronic) held during the fiscal year
LD30_1	COLSERA	Units (current serials - paper/microforms) added during the fiscal year
LD30_2	COLSERH	Units (current serials - paper/microforms) held during the fiscal year
LD31_1	COLSERA	Units (current serials - electronic) added during the fiscal year
LD31_2	COLSERH	Units (current serials - electronic) held during the fiscal year
LD32_1	COLAUDA	Audiovisual materials - units added
LD32_2	COLAUDH	Audiovisual materials - units held
LE33	ILPRET	Interlib loans to othr lib-returnable
LE34	ILPNON	Interlib loans to othr lib-non-return
LE35	ILPTOT	Interlib loans to othr lib-tota
LE36	ILRRET	Interlib loans from othr lib-returnable
LE37	ILRNON	Interlib loans from othr lib-non-return
LE38	ILRTOT	Interlib loans from othr lib-total
LE39	CIRTRANS	Circulation transactions - general collection
LE40	CIRTRANS	Circulation transactions - reserve collection
LE41	PRESEN	Number of presentations
LE42	ATTEND	Total attendance at all presentations
LF43	HOURS	Hours open in a typical week
LF44	GATECT	Gate count in a typical week
LF45	REFTRANS	Reference transactions in a typical week
LG46_1	ELCATYN	Access of elec catalog within library
LG46_2	ELCATCMPYN	Access-elec catalg elsewhere on campus
LG46_3	ELCATOCPYN	Acc-elec catalg off campus-prmary client
LG46_4	ELCATOCOYN	Access-elec catalog off campus-others
LG47_1	ELINDYN	Acc elec index & ref tools w/in lib
LG47_2	ELINDCMPYN	Acc elec index & ref tool else on cmp
LG47_3	ELINDOCPYN	Acc elec index & ref tool off cmp-prmry
LG47_4	ELINDOCOYN	Acc elec index & ref tool off cmp-oth
LG48_1	ELPERYN	Acc elec full text periodical w/in lib
LG48_2	ELPERCMPYN	Acc elec full text period. else on cmp
LG48_3	ELPEROCPYN	Acc elec full text period. off cmp-prm
LG48_4	ELPEROCOYN	Acc elec full text period. off cmp-oth
LG49_1	ELCRSYN	Acc elec full text course res w/in lib
LG49_2	ELCRSCMPYN	Acc elec fl txt course res else on cmp
LG49_3	ELCRSOCPYN	Acc elec fl txt course res off cmp-prm
LG49_4	ELCRSOCOYN	Acc elec fl txt course res off cmp-oth
LG50_1	DOCDIGYN	Acc elec files(not ctlg) w/in lib
LG50_2	DOCDIGCMPYN	Acc elec files(not ctlg) else on cmpus
LG50_3	DOCDIGOCPYN	Acc elec files(not ctlg) off cmpus-prm
LG50_4	DOCDIGOCOYN	Acc elec files(not ctlg) off cmpus-oth
LG51_1	INETYN	Internet access w/in library
LG51_2	INETCMPYN	Internet access elsewhere on campus
LG51_3	INETOCPYN	Internet access off campus-primary
LG51_4	INETOCOYN	Internet access off campus-other
LG52_1	LIBREFYN	Lib ref serv by email w/in library
LG52_2	LIBREFCMPYN	Lib ref serv by email else on campus
LG52_3	LIBREFOCPYN	Lib ref serv by email off campus-prim
LG52_4	LIBREFOCOYN	Lib ref serv by email off campus-othr

ALS crosswalk from 1998 to 2000, by file order

ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE LABEL
LG53_1	LOANREQYN	Interlib loan req elec w/in library
LG53_2	LOANREQCMPYN	Interlib loan req elec else on campus
LG53_3	LOANREQOCPYN	Interlib loan req elec off campus-prim
LG53_4	LOANREQOCOYN	Interlib loan req elec off campus-othr
LG54_1	TECHYN	Tech to asst patrons w/disabil w/in lib
LG54_2	TECHCMPYN	Tech to asst ptrns w/disabil else on cmp
LG54_3	TECHOCPYN	Tech to asst ptrns w/disabil off cmp-prm
LG54_4	TECHOCOYN	Tech to asst ptrns w/disabil off cmp-oth
LG55_1	INSINETYN	Instr by lib stf-internet w/in lib
LG55_2	INSINETCMPYN	Instr by lib stf-internet else on cmp
LG55_3	INSINETOCPYN	Instr by lib stf-internet off cmp-prm
LG55_4	INSINETOCOYN	Instr by lib stf-internet off cmp-oth
LG56_1	ELDOCDELYN	Elec doc deliv-lib to acct w/in lib
LG56_2	ELDOCDELCMPYN	Elec doc deliv-lib to acct else on cmp
LG56_3	ELDOCDELOCPYN	Elec doc deliv-lib to acct off cmp-prm
LG56_4	ELDOCDELOCOYN	Elec doc deliv-lib to acct off cmp-oth
LG57_1	VDOCONFYN	Video/desktop conf for lib w/in lib
LG57_2	VDOCONFCMPYN	Video/desktop conf for lib else on cmp
LG57_3	VDOCONFOCPYN	Video/desktop conf for lib off cmp-prm
LG57_4	VDOCONFOCOYN	Video/desktop conf for lib off cmp-oth
LG58_1	SATBRYN	Satellite broadcast for lib w/in lib
LG58_2	SATBRCMPYN	Satellite broadcast for lib-else on cmp
LG58_3	SATBROCPYN	Satellite broadcast for lib-off cmp-prm
LG58_4	SATBROCOYN	Satellite broadcast for lib-off cmp-oth
LG59	COMPUTERYN	Computers for patron use in library
LG60	SOFTWAREYN	Computer software for patron use in lib
LG61	SCANNERYN	Scanning equip for patron use in library
LG62	DISTEDSRVYN	Services to distance education students
LGNODIST	*No Matching Variable*	No distance education students
ILA1	XBRANCHES	Item status flag for LA1
ILB2	XSTLIBS	Item status flag for LB2
ILB3	XSTOTHPRO	Item status flag for LB3
ILB4	XSTLIBPRO	Item status flag for LB4
ILB5	XSTOTH	Item status flag for LB5
ILB6	XSTCONSRV	Item status flag for LB6
ILB7	XSTASST	Item status flag for LB7
ILB8	XSTTOT2000	Item status flag for LB8
ILC9	XSWLIBPRO	Item status flag for LC9
ILC10	XSWOTH	Item status flag for LC10
ILC11	XSWASST	Item status flag for LC11
ILC12	XIRPAMICR	Item status flag for LC12
ILC13	XEXELBKS	Item status flag for LC13
ILC14	XCUPAMICR	Item status flag for LC14
ILC15	XEXELSER	Item status flag for LC15
ILC16	XEXAUD	Item status flag for LC16
ILC17	XEXDEL	Item status flag for LC17
ILC18	XEXPRES	Item status flag for LC18
ILC19	XEXOTHIR	Item status flag for LC19
ILC20	XEXFUREQP	Item status flag for LC20
ILC21	XEXCOMP	Item status flag for LC21
ILC22	XEXBIB	Item status flag for LC22
ILC23	XEXOTH2000	Item status flag for LC23
ILC24	XEXTOT	Item status flag for LC24
ILC25	XFRINGE	Item status flag for LC25
ILD26_1	XCOLBKSA	Item status flag for LD26_1
ILD26_2	XCOLBKSH	Item status flag for LD26_2
ILD27_1	XCOLBKPTA	Item status flag for LD27_1
ILD27_2	XCOLBKPTH	Item status flag for LD27_2
ILD28_1	XCOLMICRA	Item status flag for LD28_1
ILD28_2	XCOLMICRH	Item status flag for LD28_2
ILD29_1	*No Matching Variable*	Item status flag for LD29_1
ILD29_2	*No Matching Variable*	Item status flag for LD29_2
ILD30_1	XCOLSERA	Item status flag for LD30_1
ILD30_2	XCOLSERH	Item status flag for LD30_2
ILD31_1	XCOLSERA	Item status flag for LD31_1
ILD31_2	XCOLSERH	Item status flag for LD31_2
ILD32_1	XCOLAUDA	Item status flag for LD32_1
ILD32_2	XCOLAUDH	Item status flag for LD32_2
ILE33	XILPRET	Item status flag for LE33
ILE34	XILPNON	Item status flag for LE34

ALS crosswalk from 1998 to 2000, by file order

ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE LABEL
ILE35	XILPTOT	Item status flag for LE35
ILE36	XILRRET	Item status flag for LE36
ILE37	XILRNON	Item status flag for LE37
ILE38	XILRTOT	Item status flag for LE38
ILE39	XCIRTRANS	Item status flag for LE39
ILE40	XCIRTRANS	Item status flag for LE40
ILE41	XPRESEN	Item status flag for LE41
ILE42	XATTEND	Item status flag for LE42
ILF43	XHOURS	Item status flag for LF43
ILF44	XGATECT	Item status flag for LF44
ILF45	XREFTRANS	Item status flag for LF45
FTUNDER	FTUS9899	Full-time undergraduate students 1998-99
FTGRAD	FTGS9899	Full-time graduate students 1998-99
PTUNDER	PTUS9899	Part-time undergraduate students 1998-99
PTGRAD	PTGS9899	Part-time graduate students 1998-99
ENROLL	TOTENR9899	Total enrollment 1998-99
B121	*No Matching Variable*	Unrestricted E&G expenditures 1998
B122	*No Matching Variable*	Restricted E&G expenditures 1998
B123	EXTOTE_G2000	Total E&G expenditures 2000
FB12_1	*No Matching Variable*	E&G for private, non-profits, 1997
XB121	*No Matching Variable*	Status flag for B121
XB122	*No Matching Variable*	Status flag for B122
XB123	XEXTOTE_G2000	Status flag for B123
XFB12_1	*No Matching Variable*	Status flag for XFB12_1
A74	TFTFAC9_10M	Total FT faculty on 9/10 month contract
A149	TFTFAC11_12M	Total FT faculty on 11/12 month contract
IMPA74	XTFTFAC9_10M	Item status flag
IMPA149	XTFTFAC11_12M	Item status flag

ALS crosswalk from 2000 to 1998, by variable order

ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE LABEL
ACT	ACT	Status of institution
ADDR	*No Matching Variable*	Street address or post office box
AFFIL	AFFIL	Affiliation of institution
ASSOCDEG	ASSOCDG	Total # of associate deg frm Completions
ATTEND	LE42	Total attendance at all presentations
BACHDEG	BACHDEG	Total # of bachelors deg frm Completions
BRANCHES	LA1	Number of branch & independent libraries
CARNEGIE	CARNEGIE	Carnegie Classification Code
CIRTRANS	LE39, LE40	Circulation transactions
CITY	CITY	City location of institution
CNFULLYN	*No Matching Variable*	Cost of participation fully funded-state
CNOTHRYN	*No Matching Variable*	Participate in other consortia-elec res
CNPARTYN	*No Matching Variable*	Library particpates in the consortium
CNPRTLYN	*No Matching Variable*	Participation partially funded by state
CNSUBYN	*No Matching Variable*	Subsidized consortium-access to elec res
COLAUDA	LD32_1	Audiovisual materials - units added
COLAUDH	LD32_2	Audiovisual materials - units held
COLBKPTA	LD27_1	Books - paper - titles added
COLBKPTH	LD27_2	Books - paper - titles held
COLBKSA	LD26_1	Books - paper - volumes added
COLBKSH	LD26_2	Books - paper - volumes held
COLMICRA	LD28_1	Books - microform - units added
COLMICRH	LD28_2	Books - microform - units held
COLSERA	LD30_1, LD31_1	Current serial subscriptions added
COLSERH	LD30_2, LD31_2	Current serial subscriptions held
COMPUTERYN	LG59	Computers for patron use in library
CONTROL	CONTROL	Control of institution
CUPAMICR	LC14	Exp-Current serials-paper & microforms
CYPARCH	PARCHILD	Parent/child indicator
DATEFLAG	NCESDATE	Item status flag
DATSRC	SOURCE	Medium used to collect data
DEGGRANT	*No Matching Variable*	Degree granting status of institution
DISTEDSRVYN	LG62	Services to distance education students
DISTEDYN	*No Matching Variable*	Institution has distance ed students
DOCDEL	*No Matching Variable*	Docs delivered from commercial services
DOCDIGCMPYN	LG50_2	Acc elec files(not ctlg) else on cmpus
DOCDIGOCOYN	LG50_4	Acc elec files(not ctlg) off cmpus-oth
DOCDIGOCPYN	LG50_3	Acc elec files(not ctlg) off cmpus-prm
DOCDIGYN	LG50_1	Acc elec files(not ctlg) w/in lib
DOCTDEG	DOCTDEG	Total # of doctors deg frm Completions
DUNS	*No Matching Variable*	Dunn & Bradstreet identification number
EDITSTATUS	NCESEDIT	Edit status of the institution
EIN	*No Matching Variable*	Employer identification number
ELCATCMPYN	LG46_2	Access-elec catalg elsewhere on campus
ELCATOCOYN	LG46_4	Access-elec catalog off campus-others
ELCATOCPYN	LG46_3	Acc-elec catalg off campus-prmary client
ELCATYN	LG46_1	Access of elec catalog within library
ELCRSCMPYN	LG49_2	Acc elec fl txt course res else on cmp
ELCRSOCOYN	LG49_4	Acc elec fl txt course res off cmp-oth
ELCRSOCPYN	LG49_3	Acc elec fl txt course res off cmp-prm
ELCRSYN	LG49_1	Acc elec full text course res w/in lib
ELDOCDELCMPYN	LG56_2	Elec doc deliv-lib to acct else on cmp
ELDOCDELOCOYN	LG56_4	Elec doc deliv-lib to acct off cmp-oth
ELDOCDELOCPYN	LG56_3	Elec doc deliv-lib to acct off cmp-prm
ELDOCDELYN	LG56_1	Elec doc deliv-lib to acct w/in lib
ELGCOLL	*No Matching Variable*	Has organized collection of materials
ELGPHYS	*No Matching Variable*	Has physical facilities for collection
ELGSCHED	*No Matching Variable*	Institution has established schedule
ELGSTAFF	*No Matching Variable*	Institution has trained staff
ELINDCMPYN	LG47_2	Acc elec index & ref tool else on cmp
ELINDOCOYN	LG47_4	Acc elec index & ref tool off cmp-oth
ELINDOCPYN	LG47_3	Acc elec index & ref tool off cmp-prmry
ELINDYN	LG47_1	Acc elec index & ref tools w/in lib
ELPERCMPYN	LG48_2	Acc elec full text period. else on cmp
ELPEROCOYN	LG48_4	Acc elec full text period. off cmp-oth

ALS crosswalk from 2000 to 1998, by variable order

ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE LABEL
ELPEROCPYN	LG48_3	Acc elec full text period. off cmp-prm
ELPERYN	LG48_1	Acc elec full text periodical w/in lib
EXAUD	LC16	Expenditures for audiovisual materials
EXBIB	LC22	Biblio utilities, networks, consortia
EXCOMP	LC21	Expend-Computer hardware and software
EXDEL	LC17	Expend-Document deliv/Interlibrary loan
EXELBKS	LC13	Expenditures-Books-electronic
EXELSER	LC15	Expenditures-Current serials-electronic
EXFUREQP	LC20	Expenditures for furniture & equipment
EXOTH2000	LC23	All other operating expenditures
EXOTHIR	LC19	Expenditures for other materials
EXPRES	LC18	Expenditures for Preservation
EXTOT	LC24	Total expenditures (sum SWLIBPRO-EXOTHOLD)
EXTOT2000	*No Matching Variable*	Total expenses 2000
EXTOT2000B	*No Matching Variable*	Total expenses 2000
EXTOTE_G2000	B123	Total E&G expenditures 2000
FINSUPP	*No Matching Variable*	Provides financial support to another
FIPS	FIPS	FIPS state code
FORM	FORMRT	Survey form
FPOFFER	FPOFFER	First-professional offering
FRINGE	LC25	Expenditures-Employee fringe benefits
FRINGEYN	*No Matching Variable*	Employee fringe benefits (paid fr lib)
FTGS9899	FTGRAD	Full-time graduate students 1998-99
FTUS9899	FTUNDER	Full-time undergraduate students 1998-99
GATECT	LF44	Gate count in a typical week
GROFFER	*No Matching Variable*	Graduate offering
HBCU	HBCU	Historically Black College or University
HDEGOFFR	HDEGOFFR	Highest degree offered
HLOFFER	HLOFFER	Highest level of offering
HOSPITAL	HOSPITAL	Institution has hospital
HOURS	LF43	Hours open in a typical week
ICLEVEL	LEVEL	Level of institution
ILPNON	LE34	Interlib loans to othr lib-non-return
ILPRET	LE33	Interlib loans to othr lib-returnable
ILPTOT	LE35	Interlib loans to othr lib-total
ILRNON	LE37	Interlib loans from othr lib-non-return
ILRRET	LE36	Interlib loans from othr lib-returnable
ILRTOT	LE38	Interlib loans from othr lib-total
IMPUTE	IMPTYPE	Impute status of the institution
INETCMPYN	LG51_2	Internet access elsewhere on campus
INETOCOYN	LG51_4	Internet access off campus-other
INETOCPYN	LG51_3	Internet access off campus-primary
INETYN	LG51_1	Internet access w/in library
INSINETCMPYN	LG55_2	Instr by lib stf-internet else on cmp
INSINETOCOYN	LG55_4	Instr by lib stf-internet off cmp-oth
INSINETOCPYN	LG55_3	Instr by lib stf-internet off cmp-prm
INSINETYN	LG55_1	Instr by lib stf-internet w/in lib
INSTNM	INSTNM	Institution (entity) name
IRPAMICR	LC12	Expenditures-Books-paper and microforms
LIBNAME1	LIBNAME1	Name of shared library
LIBNAME2	LIBNAME2	Name of shared library
LIBNAME3	LIBNAME3	Name of shared library
LIBREFCMPYN	LG52_2	Lib ref serv by email else on campus
LIBREFOCOYN	LG52_4	Lib ref serv by email off campus-othr
LIBREFOCPYN	LG52_3	Lib ref serv by email off campus-prim
LIBREFYN	LG52_1	Lib ref serv by email w/in library
LIBSHAR1	LIBSHAR1	UNITID for shared library
LIBSHAR2	LIBSHAR2	UNITID for shared library
LIBSHAR3	LIBSHAR3	UNITID for shared library
LOANREQCMPYN	LG53_2	Interlib loan req elec else on campus
LOANREQOCOYN	LG53_4	Interlib loan req elec off campus-othr
LOANREQOCPYN	LG53_3	Interlib loan req elec off campus-prim
LOANREQYN	LG53_1	Interlib loan req elec w/in library
LOCALE	LOCALE	Degree of Urbanization
MASTDEG	MASTDEG	Total # of masters deg frm Completions

ALS crosswalk from 2000 to 1998, by variable order

ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE LABEL
MEDICAL	MEDICAL	Institution grants a medical degree
OBEREG	OBEREG	OBE Region code
OPEFLAG	OPEIND	OPE eligibility indicator code
OPEID	OPEID	Office of Postsecondary Education ID
OPENPUBL	*No Matching Variable*	Institution open to the general public
PARTAFLAG	A_IMP	Impute status of Part A
PARTBFLAG	B_IMP	Impute status of Part B
PARTCFLAG	C_IMP	Impute status of Part C
PARTDFLAG	D_IMP	Impute status of Part D
PARTEFLAG	E_IMP	Impute status of Part E
PARTFFLAG	F_IMP	Impute status of Part F
PCTMIN1	PCTMIN1	Percent Black, non-Hispanic
PCTMIN2	PCTMIN2	Percent American Indian/Alaskan Native
PCTMIN3	PCTMIN3	Percent Asian/Pacific Islander
PCTMIN4	PCTMIN4	Percent Hispanic
PRESEN	LE41	Number of presentations
PROFDEG	PROFDEG	Total # of first prof deg fr Completions
PTGS9899	PTGRAD	Part-time graduate students 1998-99
PTUS9899	PTUNDER	Part-time undergraduate students 1998-99
REFTRANS	LF45	Reference transactions in a typical week
REFUSAL	REFUSAL	Refusal status of the institution
SATBRCMPYN	LG58_2	Satellite broadcast for lib-else on cmp
SATBROCOYN	LG58_4	Satellite broadcast for lib-off cmp-oth
SATBROCPYN	LG58_3	Satellite broadcast for lib-off cmp-prm
SATBRYN	LG58_1	Satellite broadcast for lib w/in lib
SCANNERYN	LG61	Scanning equip for patron use in library
SECTOR	SECTOR	Sector of institution
SOFTWAREYN	LG60	Computer software for patron use in lib
STABBR	STABBR	Post Office State abbreviation code
STASST	LB7	Student assistants-all funding sources
STATUS	RSTATUS	Response status of the institution
STCONSRV	LB6	Contributed services staff
STLIBPRO	LB4	Total librarians & OPS (STLIBS+STOTHPRO)
STLIBS	LB2	Librarians
STOTH	LB5	All other paid staff
STOTHPRO	LB3	Other professional staff
STTOT2000	LB8	Total FTE staff (SUM(STLIBPRO-STASST))
SWASST	LC11	Expenditures for student assistants
SWLIBPRO	LC9	Expenditures for librarians & OPS
SWOTH	LC10	Expenditures for all other paid staff
TECHCMPYN	LG54_2	Tech to asst ptrns w/disabil else on cmp
TECHOCOYN	LG54_4	Tech to asst ptrns w/disabil off cmp-oth
TECHOCPYN	LG54_3	Tech to asst ptrns w/disabil off cmp-prm
TECHYN	LG54_1	Tech to asst patrons w/disabil w/in lib
TFTFAC11_12M	A149	Total FT faculty on 11/12 month contract
TFTFAC9_10M	A74	Total FT faculty on 9/10 month contract
TOTENR9899	ENROLL	Total enrollment 1998-99
TRIBAL	TRIBAL	Tribal college
UGOFFER	*No Matching Variable*	Undergraduate offering
UNITID	UNITID	Identification number
UNITIDX	UNITIDX	UNITID number of parent institution
VDOCONFCMPYN	LG57_2	Video/desktop conf for lib else on cmp
VDOCONFOCOYN	LG57_4	Video/desktop conf for lib off cmp-oth
VDOCONFOCPYN	LG57_3	Video/desktop conf for lib off cmp-prm
VDOCONFYN	LG57_1	Video/desktop conf for lib w/in lib
WEBADDR	*No Matching Variable*	Institution's internet website address
XATTEND	ILE42	Item status flag for ATTEND
XBRANCHES	ILA1	Item status flag for BRANCHES
XCIRTRANS	ILE39, ILE40	Item status flag for CIRTRANS
XCOLAUDA	ILD32_1	Item status flag for COLAUDA
XCOLAUDH	ILD32_2	Item status flag for COLAUDH
XCOLBKPTA	ILD27_1	Item status flag for COLBKPTA
XCOLBKPTH	ILD27_2	Item status flag for COLBKPTH
XCOLBKSA	ILD26_1	Item status flag for COLBKSA
XCOLBKSH	ILD26_2	Item status flag for COLBKSH

ALS crosswalk from 2000 to 1998, by variable order

ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE LABEL
XCOLMICRA	ILD28_1	Item status flag for COLMICRA
XCOLMICRH	ILD28_2	Item status flag for COLMICRH
XCOLSERA	ILD30_1, ILD31_1	Item status flag for COLSERA
XCOLSERH	ILD30_2, ILD31_2	Item status flag for COLSERH
XCUPAMICR	ILC14	Item status flag for CUPAMICR
XDOCDEL	*No Matching Variable*	Item status flag for DOCDEL
XEXAUD	ILC16	Item status flag for EXAUD
XEXBIB	ILC22	Item status flag for EXBIB
XEXCOMP	ILC21	Item status flag for EXCOMP
XEXDEL	ILC17	Item status flag for EXDEL
XEXELBKS	ILC13	Item status flag for EXELBKS
XEXELSER	ILC15	Item status flag for EXELSER
XEXFUREQP	ILC20	Item status flag for EXFUREQP
XEXOTH2000	ILC23	Item status flag for EXOTH2000
XEXOTHIR	ILC19	Item status flag for EXOTHIR
XEXPRES	ILC18	Item status flag for EXPRES
XEXTOT	ILC24	Item status flag for EXTOT
XEXTOT2000	*No Matching Variable*	Status flag for EXTOT2000
XEXTOT2000B	*No Matching Variable*	Status flag for EXTOT2000B
XEXTOTE_G2000	XB123	Status flag for EXTOTE_G2000
XFRINGE	ILC25	Item status flag for FRINGE
XGATECT	ILF44	Item status flag for GATECT
XHOURS	ILF43	Item status flag for HOURS
XILPNON	ILE34	Item status flag for ILPNON
XILPRET	ILE33	Item status flag for ILPRET
XILPTOT	ILE35	Item status flag for ILPTOT
XILRNON	ILE37	Item status flag for ILRNON
XILRRET	ILE36	Item status flag for LRRET
XILRTOT	ILE38	Item status flag for LRTOT
XIRPAMICR	ILC12	Item status flag for IRPAMICR
XPRESEN	ILE41	Item status flag for PRESEN
XREFTRANS	ILE45	Item status flag for REFTRANS
XSTASST	ILB7	Item status flag for STASST
XSTCONSRV	ILB6	Item status flag for STCONSRV
XSTLIBPRO	ILB4	Item status flag for STLIBPRO
XSTLIBS	ILB2	Item status flag for STLIBS
XSTOTH	ILB5	Item status flag for STOTH
XSTOTHPRO	ILB3	Item status flag for STOTHPRO
XSTTOT2000	ILB8	Item status flag for STTOT2000
XSWASST	ILC11	Item status flag for SWASST
XSWLIBPRO	ILC9	Item status flag for SWLIBPRO
XSWOTH	ILC10	Item status flag for SWOTH
XTFTFAC11_12M	IMPA149	Item status flag TFTFAC11_12M
XTFTFAC9_10M	IMPA74	Item status flag for TFTFAC9_10M
ZIP	*No Matching Variable*	Zip + four

ALS crosswalk from 2000 to 1998, by file order

ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE LABEL
UNITID	UNITID	Identification number
INSTNM	INSTNM	Institution (entity) name
ADDR	*No Matching Variable*	Street address or post office box
CITY	CITY	City location of institution
STABBR	STABBR	Post Office State abbreviation code
ZIP	*No Matching Variable*	Zip + four
FIPS	FIPS	FIPS state code
OBEREG	OBEREG	OBE Region code
EIN	*No Matching Variable*	Employer identification number
DUNS	*No Matching Variable*	Dunn & Bradstreet identification number
OPEID	OPEID	Office of Postsecondary Education ID
OPEFLAG	OPEIND	OPE eligibility indicator code
WEBADDR	*No Matching Variable*	Institution's internet website address
SECTOR	SECTOR	Sector of institution
ICLEVEL	LEVEL	Level of institution
CONTROL	CONTROL	Control of institution
AFFIL	AFFIL	Affiliation of institution
HLOFFER	HLOFFER	Highest level of offering
UGOFFER	*No Matching Variable*	Undergraduate offering
GROFFER	*No Matching Variable*	Graduate offering
FPOFFER	FPOFFER	First-professional offering
HDEGOFFR	HDEGOFFR	Highest degree offered
DEGGRANT	*No Matching Variable*	Degree granting status of institution
PCTMIN1	PCTMIN1	Percent Black, non-Hispanic
PCTMIN2	PCTMIN2	Percent American Indian/Alaskan Native
PCTMIN3	PCTMIN3	Percent Asian/Pacific Islander
PCTMIN4	PCTMIN4	Percent Hispanic
HBCU	HBCU	Historically Black College or University
HOSPITAL	HOSPITAL	Institution has hospital
MEDICAL	MEDICAL	Institution grants a medical degree
TRIBAL	TRIBAL	Tribal college
CARNEGIE	CARNEGIE	Carnegie Classification Code
LOCALE	LOCALE	Degree of Urbanization
OPENPUBL	*No Matching Variable*	Institution open to the general public
ASSOCDEG	ASSOCDG	Total # of associate deg frm Completions
BACHDEG	BACHDEG	Total # of bachelors deg frm Completions
MASTDEG	MASTDEG	Total # of masters deg frm Completions
DOCTDEG	DOCTDEG	Total # of doctors deg frm Completions
PROFDEG	PROFDEG	Total # of first prof deg fr Completions
ACT	ACT	Status of institution
FORM	FORMRT	Survey form
STATUS	RSTATUS	Response status of the institution
EDITSTATUS	NCESEDIT	Edit status of the institution
IMPUTE	IMPTYPE	Impute status of the institution
DATEFLAG	NCESDATE	Item status flag
CYPARCH	PARCHILD	Parent/child indicator
UNITIDX	UNITIDX	UNITID number of parent institution
DATSRC	SOURCE	Medium used to collect data
REFUSAL	REFUSAL	Refusal status of the institution
PARTAFLAG	A_IMP	Impute status of Part A
PARTBFLAG	B_IMP	Impute status of Part B
PARTCFLAG	C_IMP	Impute status of Part C
PARTDFLAG	D_IMP	Impute status of Part D
PARTEFLAG	E_IMP	Impute status of Part E
PARTFFLAG	F_IMP	Impute status of Part F
LIBSHAR1	LIBSHAR1	UNITID for shared library
LIBNAME1	LIBNAME1	Name of shared library
LIBSHAR2	LIBSHAR2	UNITID for shared library
LIBNAME2	LIBNAME2	Name of shared library
LIBSHAR3	LIBSHAR3	UNITID for shared library
LIBNAME3	LIBNAME3	Name of shared library
ELGCOLL	*No Matching Variable*	Has organized collection of materials
ELGSTAFF	*No Matching Variable*	Institution has trained staff
ELGSCHED	*No Matching Variable*	Institution has established schedule
ELGPHYS	*No Matching Variable*	Has physical facilities for collection
FINSUPP	*No Matching Variable*	Provides financial support to another
XBRANCHES	ILA1	Item status flag for BRANCHES
BRANCHES	LA1	Number of branch & independent libraries

ALS crosswalk from 2000 to 1998, by file order

ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE LABEL
XSTLIBS	ILB2	Item status flag for STLIBS
STLIBS	LB2	Librarians
XSTOTHPRO	ILB3	Item status flag for STOTHPRO
STOTHPRO	LB3	Other professional staff
XSTLIBPRO	ILB4	Item status flag for STLIBPRO
STLIBPRO	LB4	Total librarians & OPS (STLIBS+STOTHPRO)
XSTOTH	ILB5	Item status flag for STOTH
STOTH	LB5	All other paid staff
XSTCONSRV	ILB6	Item status flag for STCONSRV
STCONSRV	LB6	Contributed services staff
XSTASST	ILB7	Item status flag for STASST
STASST	LB7	Student assistants-all funding sources
XSTTOT2000	ILB8	Item status flag for STTOT2000
STTOT2000	LB8	Total FTE staff (SUM(STLIBPRO-STASST))
XSWLIBPRO	ILC9	Item status flag for SWLIBPRO
SWLIBPRO	LC9	Expenditures for librarians & OPS
XSWOTH	ILC10	Item status flag for SWOTH
SWOTH	LC10	Expenditures for all other paid staff
XSWASST	ILC11	Item status flag for SWASST
SWASST	LC11	Expenditures for student assistants
XIRPAMICR	ILC12	Item status flag for IRPAMICR
IRPAMICR	LC12	Expenditures-Books-paper and microforms
XEXELBKS	ILC13	Item status flag for EXELBKS
EXELBKS	LC13	Expenditures-Books-electronic
XCUPAMICR	ILC14	Item status flag for CUPAMICR
CUPAMICR	LC14	Exp-Current serials-paper & microforms
XEXELSER	ILC15	Item status flag for EXELSER
EXELSER	LC15	Expenditures-Current serials-electronic
XEXAUD	ILC16	Item status flag for EXAUD
EXAUD	LC16	Expenditures for audiovisual materials
XEXDEL	ILC17	Item status flag for EXDEL
EXDEL	LC17	Expend-Document deliv/Interlibrary loan
XEXPRES	ILC18	Item status flag for EXPRES
EXPRES	LC18	Expenditures for Preservation
XEXOTHIR	ILC19	Item status flag for EXOTHIR
EXOTHIR	LC19	Expenditures for other materials
XEXFUREQP	ILC20	Item status flag for EXFUREQP
EXFUREQP	LC20	Expenditures for furniture & equipment
XEXCOMP	ILC21	Item status flag for EXCOMP
EXCOMP	LC21	Expend-Computer hardware and software
XEXBIB	ILC22	Item status flag for EXBIB
EXBIB	LC22	Biblio utilities, networks, consortia
XEXOTH2000	ILC23	Item status flag for EXOTH2000
EXOTH2000	LC23	All other operating expenditures
XEXTOT	ILC24	Item status flag for EXTOT
EXTOT	LC24	Total expenditures (sum SWLIBPRO-EXOTHOLD)
FRINGEYN	*No Matching Variable*	Employee fringe benefits (paid fr lib)
XFRINGE	ILC25	Item status flag for FRINGE
FRINGE	LC25	Expenditures-Employee fringe benefits
XCOLBKSA	ILD26_1	Item status flag for COLBKSA
COLBKSA	LD26_1	Books - paper - volumes added
XCOLBKSH	ILD26_2	Item status flag for COLBKSH
COLBKSH	LD26_2	Books - paper - volumes held
XCOLBKPTA	ILD27_1	Item status flag for COLBKPTA
COLBKPTA	LD27_1	Books - paper - titles added
XCOLBKPTH	ILD27_2	Item status flag for COLBKPTH
COLBKPTH	LD27_2	Books - paper - titles held
XCOLMICRA	ILD28_1	Item status flag for COLMICRA
COLMICRA	LD28_1	Books - microform - units added
XCOLMICRH	ILD28_2	Item status flag for COLMICRH
COLMICRH	LD28_2	Books - microform - units held
XCOLSERA	ILD30_1, ILD31_1	Item status flag for COLSERA
COLSERA	LD30_1, LD31_1	Current serial subscriptions added
XCOLSERH	ILD30_2, ILD31_2	Item status flag for COLSERH
COLSERH	LD30_2, LD31_2	Current serial subscriptions held
XCOLAUDA	ILD32_1	Item status flag for COLAUDA
COLAUDA	LD32_1	Audiovisual materials - units added
XCOLAUDH	ILD32_2	Item status flag for COLAUDH

ALS crosswalk from 2000 to 1998, by file order

ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE LABEL
COLAUDH	LD32_2	Audiovisual materials - units held
XILPRET	ILE33	Item status flag for ILPRET
ILPRET	LE33	Interlib loans to othr lib-returnable
XILPNON	ILE34	Item status flag for ILPNON
ILPNON	LE34	Interlib loans to othr lib-non-return
XILPTOT	ILE35	Item status flag for ILPTOT
ILPTOT	LE35	Interlib loans to othr lib-total
XILRRET	ILE36	Item status flag for LRRET
ILRRET	LE36	Interlib loans from othr lib-returnable
XILRNON	ILE37	Item status flag for ILRNON
ILRNON	LE37	Interlib loans from othr lib-non-return
XILRTOT	ILE38	Item status flag for LRTOT
ILRTOT	LE38	Interlib loans from othr lib-total
XDOCDEL	*No Matching Variable*	Item status flag for DOCDEL
DOCDEL	*No Matching Variable*	Docs delivered from commercial services
XCIRTRANS	ILE39, ILE40	Item status flag for CIRTRANS
CIRTRANS	LE39, LE40	Circulation transactions
XPRESEN	ILE41	Item status flag for PRESEN
PRESEN	LE41	Number of presentations
XATTEND	ILE42	Item status flag for ATTEND
ATTEND	LE42	Total attendance at all presentations
XHOURS	ILF43	Item status flag for HOURS
HOURS	LF43	Hours open in a typical week
XGATECT	ILF44	Item status flag for GATECT
GATECT	LF44	Gate count in a typical week
XREFTRANS	ILE45	Item status flag for REFTRANS
REFTRANS	LF45	Reference transactions in a typical week
ELCATYN	LG46_1	Access of elec catalog within library
ELCATCMPYN	LG46_2	Access-elec catalg elsewhere on campus
ELCATOCPYN	LG46_3	Acc-elec catalg off campus-prmary client
ELCATOCOYN	LG46_4	Access-elec catalog off campus-others
ELINDYN	LG47_1	Acc elec index & ref tools w/in lib
ELINDCMPYN	LG47_2	Acc elec index & ref tool else on cmp
ELINDOCPYN	LG47_3	Acc elec index & ref tool off cmp-prmry
ELINDOCOYN	LG47_4	Acc elec index & ref tool off cmp-oth
ELPERYN	LG48_1	Acc elec full text periodical w/in lib
ELPERCMPYN	LG48_2	Acc elec full text period. else on cmp
ELPEROCPYN	LG48_3	Acc elec full text period. off cmp-prm
ELPEROCOYN	LG48_4	Acc elec full text period. off cmp-oth
ELCRSYN	LG49_1	Acc elec full text course res w/in lib
ELCRSCMPYN	LG49_2	Acc elec fl txt course res else on cmp
ELCRSOCPYN	LG49_3	Acc elec fl txt course res off cmp-prm
ELCRSOCOYN	LG49_4	Acc elec fl txt course res off cmp-oth
DOCDIGYN	LG50_1	Acc elec files(not ctlg) w/in lib
DOCDIGCMPYN	LG50_2	Acc elec files(not ctlg) else on cmpus
DOCDIGOCPYN	LG50_3	Acc elec files(not ctlg) off cmpus-prm
DOCDIGOCOYN	LG50_4	Acc elec files(not ctlg) off cmpus-oth
INETYN	LG51_1	Internet access w/in library
INETCMPYN	LG51_2	Internet access elsewhere on campus
INETOCPYN	LG51_3	Internet access off campus-primary
INETOCOYN	LG51_4	Internet access off campus-other
LIBREFYN	LG52_1	Lib ref serv by email w/in library
LIBREFCMPYN	LG52_2	Lib ref serv by email else on campus
LIBREFOCPYN	LG52_3	Lib ref serv by email off campus-prim
LIBREFOCOYN	LG52_4	Lib ref serv by email off campus-othr
LOANREQYN	LG53_1	Interlib loan req elec w/in library
LOANREQCMPYN	LG53_2	Interlib loan req elec else on campus
LOANREQOCPYN	LG53_3	Interlib loan req elec off campus-prim
LOANREQOCOYN	LG53_4	Interlib loan req elec off campus-othr
TECHYN	LG54_1	Tech to asst patrons w/disabil w/in lib
TECHCMPYN	LG54_2	Tech to asst ptrns w/disabil else on cmp
TECHOCPYN	LG54_3	Tech to asst ptrns w/disabil off cmp-prm
TECHOCOYN	LG54_4	Tech to asst ptrns w/disabil off cmp-oth
INSINETYN	LG55_1	Instr by lib stf-internet w/in lib
INSINETCMPYN	LG55_2	Instr by lib stf-internet else on cmp
INSINETOCPYN	LG55_3	Instr by lib stf-internet off cmp-prm
INSINETOCOYN	LG55_4	Instr by lib stf-internet off cmp-oth
ELDOCDELYN	LG56_1	Elec doc deliv-lib to acct w/in lib

ALS crosswalk from 2000 to 1998, by file order

ALS 2000 VARIABLE NAME	ALS 1998 VARIABLE NAME	ALS 2000 VARIABLE LABEL
ELDOCDELCMPYN	LG56_2	Elec doc deliv-lib to acct else on cmp
ELDOCDELOCPYN	LG56_3	Elec doc deliv-lib to acct off cmp-prm
ELDOCDELOCOYN	LG56_4	Elec doc deliv-lib to acct off cmp-oth
VDOCONFYN	LG57_1	Video/desktop conf for lib w/in lib
VDOCONFCMPYN	LG57_2	Video/desktop conf for lib else on cmp
VDOCONFOCPYN	LG57_3	Video/desktop conf for lib off cmp-prm
VDOCONFOCOYN	LG57_4	Video/desktop conf for lib off cmp-oth
SATBRYN	LG58_1	Satellite broadcast for lib w/in lib
SATBRCMPYN	LG58_2	Satellite broadcast for lib-else on cmp
SATBROCPYN	LG58_3	Satellite broadcast for lib-off cmp-prm
SATBROCOYN	LG58_4	Satellite broadcast for lib-off cmp-oth
COMPUTERYN	LG59	Computers for patron use in library
SOFTWAREYN	LG60	Computer software for patron use in lib
SCANNERYN	LG61	Scanning equip for patron use in library
DISTEDYN	*No Matching Variable*	Institution has distance ed students
DISTEDSRVYN	LG62	Services to distance education students
CNSUBYN	*No Matching Variable*	Subsidized consortium-access to elec res
CNPARTYN	*No Matching Variable*	Library particpates in the consortium
CNFULLYN	*No Matching Variable*	Cost of participation fully funded-state
CNPRTLYN	*No Matching Variable*	Participation partially funded by state
CNOTHRYN	*No Matching Variable*	Participate in other consortia-elec res
FTUS9899	FTUNDER	Full-time undergraduate students 1998-99
FTGS9899	FTGRAD	Full-time graduate students 1998-99
PTUS9899	PTUNDER	Part-time undergraduate students 1998-99
PTGS9899	PTGRAD	Part-time graduate students 1998-99
TOTENR9899	ENROLL	Total enrollment 1998-99
XTFTFAC9_10M	IMPA74	Item status flag for TFTFAC9_10M
TFTFAC9_10M	A74	Total FT faculty on 9/10 month contract
XTFTFAC11_12M	IMPA149	Item status flag TFTFAC11_12M
TFTFAC11_12M	A149	Total FT faculty on 11/12 month contract
XEXTOTE_G2000	XB123	Status flag for EXTOTE_G2000
EXTOTE_G2000	B123	Total E&G expenditures 2000
EXTOT2000	*No Matching Variable*	Total expenses 2000
XEXTOT2000	*No Matching Variable*	Status flag for EXTOT2000
EXTOT2000B	*No Matching Variable*	Total expenses 2000
XEXTOT2000B	*No Matching Variable*	Status flag for EXTOT2000B

Appendix E – Edits and Imputations
Academic Library Survey (ALS) 2000

This appendix, which describes the edits and imputations for the Academic Libraries data file 2000.

Appendix E – Edits and Imputations
Academic Library Survey (ALS) 2000

The edit checks provide warnings as the data are being entered and an edit/error report is provided after the data have been entered. The types of edit checks are listed below:

- *Summations*—reported totals are compared with the sums of the constituent data items. If they are not equal, an error message is generated.

- *Relational edit checks*—the program compares responses entered in one section of the questionnaire with responses entered in another section of the questionnaire for consistency. For example, if a librarian reports that books and bound serials were added during the fiscal year, the program would look for some expenditure to be reported for books and bound serials. If the former is reported without the latter, an error message is generated. Another example is that the number of volumes of print materials added during the fiscal year cannot exceed the total number of volumes held at the end of the fiscal year.

- *Range checks*—an error message is generated if responses are above or below expected amounts. For example, if the average salary of librarians is less than $20,000 or greater than $100,000, or if any of the collections data (except for volumes held at the end of the year) is greater than 1,000,000, an error message is generated. If the reported hours of service are fewer than 10 hours per week or greater than 168 hours per week, an error message is generated.

After the data were received by NCES from every state, the data files were merged and general edits and imputations were performed. Some examples of general edits and imputations follow:

- If a total was blank or zero, but there were one or more positive subtotals, the total was changed to equal the sum of the subtotals.

- If a value or item was missing and prior-year (2000) data were available, the data were used to impute a value for the missing item. A ratio adjustment was done, taking into account the average amount of change that occurred in the variable within the imputation stratum to which the institution was assigned. These ratios were then applied to the prior-year data used for imputation. The strata were based upon the highest level of degree (doctor's, master's, bachelor's, and associate), and control and size of institution. The four control/size imputation categories were: (1) public, less than median number of degrees for institutions in that category; (2) public, equal to or greater than the median; (3) private, less than the median; and (4) private, equal to or greater than the median.

- If prior-year data were unavailable, for purposes of imputation, the Academic Libraries file was divided into eight imputation classes, and averages for the class were applied.

- To determine the imputed value for a subtotal, the average estimate was calculated across the set of respondents in each class, including ones for which the

total was obtained by adding the subtotals, but excluding those for which the sum of the subtotals did not originally equal the total. The average subtotal value was divided by the average total value within each imputation class to obtain an average proportion. The average proportion was multiplied by the reported total to obtain the imputed subtotal value.

- For total staff (part B, line 8 on the survey form) and total expenditures (part C, line 24), if the total and all subtotals were blank or zero, they were imputed by taking the average of the imputation class.

- Some values were imputed for all data items in parts B through F, except contributed services staff (part B, line 6 on the survey form) and employee fringe benefits (part C, line 25b). These categories were applicable to only a few institutions.

- Values were not imputed for electronic services (part G).

The procedure of using a ratio adjustment to prior-year data for imputation represented a change from that followed in cycles prior to 1996 and may have resulted in some small differences in estimates. The change in 1996 to the use of ratio adjustments allowed use of information about actual changes in the data, which enabled more accurate imputation. While checks indicate that the effect of the change in imputation procedure was not large, caution should be exercised in making comparisons with pre-1996 reports. The reader is referred to the NCES report on the *Status of Academic Libraries in the United States: Results from the 1996 Academic Library Survey with Historical Comparisons* (NCES 2001-301). This report uses data from institutions reporting in each reference year to make comparisons over time.

Appendix F – Response Rate Tables
Academic Library Survey (ALS) 2000

These tables provide detailed unit response counts.

Table F1. Number and percentage of responding academic libraries according to level and control of institution, by item:2000

	Total post-secondary degree-granting institutions with libraries	Percent	4-year institutions Total 4-year institutions Total responding	Percent	Doctor's Total responding	Percent	Masters Total responding	Percent	Bachelors Total responding	Percent	Less than 4-year Total responding	Percent	Public Total responding	Percent	Private Total responding	Percent
All institutions	3,527	100.0%	2,148	100.0%	568	100.0%	884	100.0%	660	100.0%	1,379	100.0%	1,566	100.0%	1,961	100.0%
Responding libraries	3,084	87.4	1,901	88.5	517	91.0	791	89.5	564	85.5	1,183	85.8	1,461	93.3	1,623	82.8
Part B-Library staff																
Librarians	3,064	86.9	1,891	88.0	514	90.5	787	89.0	561	85.0	1,173	85.1	1,456	93.0	1,608	82.0
Other professional staff	2,855	80.9	1,775	82.6	485	85.4	744	84.2	519	78.6	1,080	78.3	1,365	87.2	1,490	76.0
Librarians and professional staff	2,968	84.2	1,841	85.7	508	89.4	766	86.7	539	81.7	1,127	81.7	1,408	89.9	1,560	79.6
All other paid staff	2,873	81.5	1,788	83.2	499	87.9	744	84.2	517	78.3	1,085	78.7	1,384	88.4	1,489	75.9
Contributed services staff	2,615	74.1	1,611	75.0	440	77.5	670	75.8	478	72.4	1,004	72.8	1,255	80.1	1,360	69.4
Student assistants/all funding	2,971	84.2	1,849	86.1	506	89.1	769	87.0	545	82.6	1,122	81.4	1,413	90.2	1,558	79.4
Total FTE staff	2,934	83.2	1,826	85.0	507	89.3	755	85.4	535	81.1	1,108	80.3	1,394	89.0	1,540	78.5
Part C-Library operating expenditures																
Librarians and professional staff	2,932	83.1	1,827	85.1	508	89.4	755	85.4	537	81.4	1,105	80.1	1,424	90.9	1,508	76.9
All other paid staff	2,866	81.3	1,781	82.9	502	88.4	738	83.5	514	77.9	1,085	78.7	1,405	89.7	1,461	74.5
Student assistants	2,802	79.4	1,769	82.4	496	87.3	727	82.2	520	78.8	1,033	74.9	1,341	85.6	1,461	74.5
Books, serial backfiles-paper and microform	2,963	84.0	1,833	85.3	501	88.2	768	86.9	537	81.4	1,130	81.9	1,420	90.7	1,543	78.7
Books, serial backfiles-electronic	2,636	74.7	1,627	75.7	445	78.3	679	76.8	480	72.7	1,009	73.2	1,283	81.9	1,353	69.0
Current serials-paper and microform	2,973	84.3	1,838	85.6	500	88.0	766	86.7	545	82.6	1,135	82.3	1,434	91.6	1,539	78.5
Current seria ls-electronic	2,872	81.4	1,782	83.0	482	84.9	743	84.0	531	80.5	1,090	79.0	1,393	89.0	1,479	75.4
Audiovisual materials	2,845	80.7	1,742	81.1	465	81.9	742	83.9	509	77.1	1,103	80.0	1,359	86.8	1,486	75.8
Document delivery/interlibrary loan	2,731	77.4	1,701	79.2	471	82.9	705	79.8	499	75.6	1,030	74.7	1,326	84.7	1,405	71.6
Other information resources	2,588	73.4	1,591	74.1	446	78.5	648	73.3	473	71.7	997	72.3	1,265	80.8	1,323	67.5
Preservation	2,760	78.3	1,739	81.0	483	85.0	728	82.4	501	75.9	1,021	74.0	1,335	85.2	1,425	72.7
Furniture and equipment	2,825	80.1	1,739	81.0	470	82.7	726	82.1	518	78.5	1,086	78.8	1,383	88.3	1,442	73.5
Computer hardware and software	2,893	82.0	1,786	83.1	495	87.1	745	84.3	519	78.6	1,107	80.3	1,408	89.9	1,485	75.7
Bibliographic utilities, networks, consortia	2,865	81.2	1,790	83.3	492	86.6	748	84.6	523	79.2	1,075	78.0	1,388	88.6	1,477	75.3
All other operating expenditures	2,894	82.1	1,800	83.8	494	87.0	753	85.2	526	79.7	1,094	79.3	1,408	89.9	1,486	75.8
Total operating expenditures	2,719	77.1	1,696	79.0	483	85.0	694	78.5	494	74.8	1,023	74.2	1,314	83.9	1,405	71.6
Part D-Library collections																
Books/serials paper volumes added	2,865	81.2	1,793	83.5	498	87.7	756	85.5	512	77.6	1,072	77.7	1,401	89.5	1,464	74.7
Books/serials paper volumes EOFY[1]	2,957	83.8	1,841	85.7	509	89.6	769	87.0	535	81.1	1,116	80.9	1,428	91.2	1,529	78.0
Books/serials paper titles added	2,582	73.2	1,566	72.9	407	71.7	669	75.7	464	70.3	1,016	73.7	1,247	79.6	1,335	68.1
Books/serials paper titles EOFY[1]	2,655	75.3	1,603	74.6	417	73.4	678	76.7	483	73.2	1,052	76.3	1,271	81.2	1,384	70.6
Books/serials microform units added	2,418	68.6	1,558	72.5	442	77.8	681	77.0	415	62.9	860	62.4	1,213	77.5	1,205	61.4
Books/serials microform units EOFY[1]	2,603	73.8	1,680	78.2	477	84.0	714	80.8	466	70.6	923	66.9	1,321	84.4	1,282	65.4
Current serials paper/microform added	2,774	78.7	1,720	80.1	466	82.0	718	81.2	509	77.1	1,054	76.4	1,337	85.4	1,437	73.3
Current serials paper/microform EOFY[1]	2,951	83.7	1,832	85.3	502	88.4	766	86.7	536	81.2	1,119	81.1	1,424	90.9	1,527	77.9
Audiovisual materials units added	2,691	76.3	1,680	78.2	451	79.4	718	81.2	486	73.6	1,011	73.3	1,313	83.8	1,378	70.3
Audiovisual materials units EOFY[1]	2,849	80.8	1,782	83.0	482	84.9	749	84.7	524	79.4	1,067	77.4	1,367	87.3	1,482	75.6
Part E-Library services, fiscal year																
Circulation transactions	2,848	80.7	1,799	83.8	502	88.4	754	85.3	519	78.6	1,049	76.1	1,409	90.0	1,439	73.4

See footnotes at end of table.

	Total post-secondary degree-granting institutions with libraries	Percent	Total 4-year institutions		4-year institutions — Highest level of degree						Less than 4-year		Public		Private	
			Total responding	Percent	Doctor's Total responding	Percent	Master's Total responding	Percent	Bachelor's Total responding	Percent	Total responding	Percent	Total responding	Percent	Total responding	Percent
Part E-Library services, fiscal year																
Interlibrary loans provided to	2,666	75.6%	1,690	78.7%	466	82.0%	707	80.0%	492	74.5%	976	70.8%	1,354	86.5%	1,312	66.9%
Interlibrary loans received from	2,796	79.3	1,768	82.3	498	87.7	743	84.0	500	75.8	1,028	74.5	1,405	89.7	1,391	70.9
Info services no. of presentations	2,878	81.6	1,790	83.3	496	87.3	746	84.4	522	79.1	1,088	78.9	1,424	90.9	1,454	74.1
Info services no. of persons	2,873	81.5	1,785	83.1	493	86.8	745	84.3	521	78.9	1,088	78.9	1,423	90.9	1,450	73.9
Part F-Library service per typical week																
Public service hours	3,017	85.5	1,863	86.7	510	89.8	775	87.7	550	83.3	1,154	83.7	1,443	92.1	1,574	80.3
Gate count	2,679	76.0	1,621	75.5	437	76.9	678	76.7	485	73.5	1,058	76.7	1,318	84.2	1,361	69.4
Reference transactions	2,832	80.3	1,751	81.5	484	85.2	734	83.0	508	77.0	1,081	78.4	1,375	87.8	1,457	74.3
Part G-Electronic services																
Electronic catalog that includes library's holdings																
Access from within library	3,021	85.7	1,866	86.9	512	90.1	776	87.8	550	83.3	1,155	83.8	1,447	92.4	1,574	80.3
Access from elsewhere on campus	2,980	84.5	1,845	85.9	510	89.8	769	87.0	539	81.7	1,135	82.3	1,440	92.0	1,540	78.5
Access off campus by primary clientele	2,964	84.0	1,837	85.5	510	89.8	766	86.7	535	81.1	1,127	81.7	1,434	91.6	1,530	78.0
Access off campus by others	2,948	83.6	1,829	85.1	508	89.4	763	86.3	532	80.6	1,119	81.1	1,425	91.0	1,523	77.7
Electronic indexes and reference tools																
Access from within library	3,021	85.7	1,865	86.8	512	90.1	777	87.9	548	83.0	1,156	83.8	1,447	92.4	1,574	80.3
Access from elsewhere on campus	2,975	84.3	1,842	85.8	510	89.8	770	87.1	535	81.1	1,133	82.2	1,434	91.6	1,541	78.6
Access off campus by primary clientele	2,959	83.9	1,832	85.3	511	90.0	765	86.5	530	80.3	1,127	81.7	1,433	91.5	1,526	77.8
Access off campus by others	2,933	83.2	1,818	84.6	502	88.4	763	86.3	527	79.8	1,115	80.9	1,415	90.4	1,518	77.4
Electronic full text periodicals																
Access from within library	3,015	85.5	1,863	86.7	510	89.8	777	87.9	548	83.0	1,152	83.5	1,441	92.0	1,574	80.3
Access from elsewhere on campus	2,973	84.3	1,839	85.6	507	89.3	770	87.1	535	81.1	1,134	82.2	1,436	91.7	1,537	78.4
Access off campus by primary clientele	2,952	83.7	1,828	85.1	509	89.6	761	86.1	532	80.6	1,124	81.5	1,428	91.2	1,524	77.7
Access off campus by others	2,935	83.2	1,817	84.6	503	88.6	761	86.1	527	79.8	1,118	81.1	1,418	90.5	1,517	77.4
Electronic full text course reserves																
Access from within library	2,999	85.0	1,853	86.3	506	89.1	772	87.3	547	82.9	1,146	83.1	1,437	91.8	1,562	79.7
Access from elsewhere on campus	2,947	83.6	1,827	85.1	503	88.6	764	86.4	533	80.8	1,120	81.2	1,422	90.8	1,525	77.8
Access off campus by primary clientele	2,927	83.0	1,816	84.5	502	88.4	761	86.1	527	79.8	1,111	80.6	1,418	90.5	1,509	77.0
Access off campus by others	2,922	82.8	1,813	84.4	501	88.2	760	86.0	526	79.7	1,109	80.4	1,412	90.2	1,510	77.0
Electronic files other than catalog																
Access from within library	3,004	85.2	1,853	86.3	506	89.1	772	87.3	548	83.0	1,151	83.5	1,437	91.8	1,567	79.9
Access from elsewhere on campus	2,957	83.8	1,828	85.1	508	89.4	760	86.0	533	80.8	1,129	81.9	1,428	91.2	1,529	78.0
Access off campus by primary clientele	2,940	83.4	1,819	84.7	507	89.3	758	85.7	528	80.0	1,121	81.3	1,421	90.7	1,519	77.5
Access off campus by others	2,929	83.0	1,814	84.5	505	88.9	758	85.7	526	79.7	1,115	80.9	1,414	90.3	1,515	77.3
Internet access																
Access from within library	3,022	85.7	1,864	86.8	511	90.0	778	88.0	547	82.9	1,158	84.0	1,447	92.4	1,575	80.3
Access from elsewhere on campus	2,979	84.5	1,846	85.9	509	89.6	770	87.1	540	81.8	1,133	82.2	1,437	91.8	1,542	78.6

See footnotes at end of table.

	Total post-secondary degree-granting institutions with libraries	Percent	Total 4-year institutions Total res-ponding	Percent	4-year institutions — Highest level of degree — Doctor's Total res-ponding	Percent	Master's Total res-ponding	Percent	Bachelor's Total res-ponding	Percent	Less than 4-year Total res-ponding	Percent	Public Total res-ponding	Percent	Private Total res-ponding	Percent
Part G-Electronic services																
Internet access																
Access off campus by primary																
clientele	2,935	0.8	1,818	0.8	507	0.9	758	0.9	527	0.8	1,117	0.8	1,419	0.9	1,516	0.8
Access off campus by others	2,917	82.7	1,806	84.1	501	88.2	754	85.3	525	79.5	1,111	80.6	1,409	90.0	1,508	76.9
Library reference service by e-mail																
Access from within library	2,993	84.9	1,849	86.1	508	89.4	767	86.8	547	82.9	1,144	83.0	1,430	91.3	1,563	79.7
Access from elsewhere on campus	2,959	83.9	1,835	85.4	507	89.3	763	86.3	538	81.5	1,124	81.5	1,423	90.9	1,536	78.3
Access off campus by primary																
clientele	2,940	83.4	1,823	84.9	507	89.3	760	86.0	530	80.3	1,117	81.0	1,418	90.5	1,522	77.6
Access off campus by others	2,923	82.9	1,814	84.5	504	88.7	755	85.4	529	80.2	1,109	80.4	1,409	90.0	1,514	77.2
Capacity to place interlibrary																
loan/document delivery requests																
electronically																
Access from within library	3,006	85.2	1,857	86.5	510	89.8	772	87.3	547	82.9	1,149	83.3	1,443	92.1	1,563	79.7
Access from elsewhere on campus	2,958	83.9	1,832	85.3	508	89.4	761	86.1	536	81.2	1,126	81.7	1,432	91.4	1,526	77.8
Access off campus by primary																
clientele	2,943	83.4	1,824	84.9	508	89.4	762	86.2	528	80.0	1,119	81.1	1,428	91.2	1,515	77.3
Access off campus by others	2,931	83.1	1,816	84.5	503	88.6	761	86.1	526	79.7	1,115	80.9	1,419	90.6	1,512	77.1
Technology to assist patrons with																
disabilities																
Access from within library	3,008	85.3	1,857	86.5	510	89.8	774	87.6	546	82.7	1,151	83.5	1,441	92.0	1,567	79.9
Access from elsewhere on campus	2,941	83.4	1,819	84.7	504	88.7	762	86.2	527	79.8	1,122	81.4	1,418	90.5	1,523	77.7
Access off campus by primary																
clientele	2,906	82.4	1,798	83.7	499	87.9	756	85.5	518	78.5	1,108	80.3	1,401	89.5	1,505	76.7
Access off campus by others	2,891	82.0	1,792	83.4	494	87.0	756	85.5	517	78.3	1,099	79.7	1,390	88.8	1,501	76.5
Instruction by library staff on use of																
internet resources																
Access from within library	3,021	85.7	1,864	86.8	511	90.0	778	88.0	547	82.9	1,157	83.9	1,445	92.3	1,576	80.4
Access from elsewhere on campus	2,971	84.2	1,839	85.6	509	89.6	767	86.8	536	81.2	1,132	82.1	1,435	91.6	1,536	78.3
Access off campus by primary																
clientele	2,928	83.0	1,809	84.2	503	88.6	755	85.4	525	79.5	1,119	81.1	1,415	90.4	1,513	77.2
Access off campus by others	2,917	82.7	1,803	83.9	500	88.0	755	85.4	522	79.1	1,114	80.8	1,409	90.0	1,508	76.9
Electronic document delivery by the																
library to patron's account/																
address																
Access from within library	3,005	85.2	1,856	86.4	506	89.1	774	87.6	548	83.0	1,149	83.3	1,439	91.9	1,566	79.9
Access from elsewhere on campus	2,962	84.0	1,834	85.4	505	88.9	765	86.5	537	81.4	1,128	81.8	1,430	91.3	1,532	78.1
Access off campus by primary																
clientele	2,938	83.3	1,820	84.7	504	88.7	761	86.1	529	80.2	1,118	81.1	1,423	90.9	1,515	77.3
Access off campus by others	2,925	82.9	1,813	84.4	499	87.9	760	86.0	528	80.0	1,112	80.6	1,414	90.3	1,511	77.1
Video/desktop conferencing by or																
for the library																
Access from within library	3,002	85.1	1,854	86.3	507	89.3	770	87.1	549	83.2	1,148	83.2	1,439	91.9	1,563	79.7
Access from elsewhere on campus	2,955	83.8	1,824	84.9	503	88.6	760	86.0	534	80.9	1,131	82.0	1,429	91.3	1,526	77.8
Access off campus by primary																
clientele	2,924	82.9	1,807	84.1	501	88.2	753	85.2	527	79.8	1,117	81.0	1,412	90.2	1,512	77.1

See footnotes at end of table.

	Total post-secondary degree-granting institutions with libraries	Percent	Total 4-year institutions Total res-ponding	Percent	Doctor's Total res-ponding	Percent	Master's Total res-ponding	Percent	Bachelor's Total res-ponding	Percent	Less than 4-year Total res-ponding	Percent	Public Total res-ponding	Percent	Private Total res-ponding	Percent
Part G-Electronic services																
Video/desktop conferencing by or for the library																
Access off campus by others	2,915	82.6%	1,802	83.9%	498	87.7%	752	85.1%	526	79.7%	1,113	80.7%	1,408	89.9%	1,507	76.8%
Satellite broadcasting by or for the library																
Access from within library	2,998	85.0	1,853	86.3	507	89.3	771	87.2	547	82.9	1,145	83.0	1,436	91.7	1,562	79.7
Access from elsewhere on campus	2,951	83.7	1,822	84.8	504	88.7	759	85.9	532	80.6	1,129	81.9	1,427	91.1	1,524	77.7
Access off campus by primary clientele	2,920	82.8	1,804	84.0	501	88.2	753	85.2	524	79.4	1,116	80.9	1,409	90.0	1,511	77.1
Access off campus by others	2,912	82.6	1,799	83.8	498	87.7	753	85.2	522	79.1	1,113	80.7	1,407	89.8	1,505	76.7
Computers not dedicated to library functions for patron use inside library	3,023	85.7	1,865	86.8	510	89.8	779	88.1	548	83.0	1,158	84.0	1,449	92.5	1,574	80.3
Computer software for patron use inside the library	3,020	85.6	1,863	86.7	510	89.8	778	88.0	547	82.9	1,157	83.9	1,447	92.4	1,573	80.2
Scanning equipment for patron use in the library	3,015	85.5	1,858	86.5	508	89.4	777	87.9	545	82.6	1,157	83.9	1,444	92.2	1,571	80.1
Services to your institution's distance education students	3,019	85.6	1,860	86.6	511	90.0	774	87.6	547	82.9	1,159	84.0	1,447	92.4	1,572	80.2
Part G-Consortorial services																
State subsidized library consortium	3,026	85.8	1,865	86.8	511	90.0	778	88.0	548	83.0	1,161	84.2	1,450	92.6	1,576	80.4
Library participates in consortium	3,025	85.8	1,865	86.8	511	90.0	778	88.0	548	83.0	1,160	84.1	1,449	92.5	1,576	80.4
Participation fully funded by state	3,021	85.7	1,862	86.7	509	89.6	777	87.9	548	83.0	1159	84.0	1,448	92.5	1,573	80.2
Participation partially funded by state	3,025	85.8	1865	86.8	511	90.0	778	88.0	548	83.0	1160	84.1	1449	92.5	1576	80.4
Library participates in other consortia	3,020	85.6	1,862	86.7	510	89.8	776	87.8	548	83.0	1,158	84.0	1,448	92.5	1,572	80.2

EOFY = held at End of Fiscal Year

NOTE : Caution should be exercised when using data at a level of detail where response rate was less than 70 percent.

SOURCE: United States Department of Education, National Center for Education Statistics (NCES), "Academic Libraries Survey, 2000."

Table F2. Number and percentage of non-responding academic libraries, by state, level, and control of institution: 2000

	Total post-secondary degree-granting institutions	Percent	Total 4-year institutions Number	Percent	4-year institutions — Highest level of degree — Doctor's Number	Percent	Master's Number	Percent	Bachelor's Number	Percent	Less than 4-year Number	Percent	Public Number	Percent	Private Number	Percent
Libraries with all items imputed	443	12.6%	247	11.5%	51	9.0%	93	10.5%	96	14.5%	196	14.2%	105	6.7%	338	17.2%
Alabama	1	1.5	1	2.6	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	1	4.0
Alaska	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Arizona	16	29.1	5	22.7	0	0.0	1	16.7	3	33.3	11	33.3	8	33.3	8	25.8
Arkansas	1	2.2	1	4.8	0	0.0	0	0.0	1	12.5	0	0.0	0	0.0	1	8.3
California	73	21.4	45	25.3	11	20.8	16	21.1	17	42.5	28	17.2	12	8.6	61	30.3
Colorado	9	15.5	5	13.9	1	8.3	1	14.3	3	17.6	4	18.2	2	7.4	7	22.6
Connecticut	4	9.3	1	3.6	0	0.0	1	6.2	0	0.0	3	20.0	1	4.8	3	13.6
Delaware	2	20.0	1	16.7	1	33.3	0	0.0	0	0.0	1	25.0	2	40.0	0	0.0
District of Columbia	1	6.7	1	6.7	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0
Florida	21	17.5	9	12.7	0	0.0	6	23.1	3	10.3	12	24.5	0	0.0	21	25.9
Georgia	12	13.6	10	17.9	3	20.0	2	8.3	5	29.4	2	6.2	3	6.4	9	22.0
Hawaii	1	5.6	0	0.0	0	0.0	0	0.0	0	0.0	1	11.1	1	11.1	0	0.0
Idaho	1	7.1	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	1	14.3
Illinois	13	8.5	7	7.4	4	12.1	2	7.4	1	3.0	6	10.3	4	6.7	9	9.7
Indiana	8	10.1	7	12.7	0	0.0	4	15.4	3	17.6	1	4.2	0	0.0	8	15.7
Iowa	6	9.7	2	4.8	0	0.0	1	6.7	1	4.8	4	20.0	2	11.1	4	9.1
Kansas	5	9.3	5	17.9	0	0.0	4	33.3	1	9.1	0	0.0	0	0.0	5	20.8
Kentucky	4	6.6	1	2.9	0	0.0	0	0.0	1	10.0	3	11.1	0	0.0	4	10.3
Louisiana	4	10.0	3	11.5	1	9.1	0	0.0	2	40.0	1	7.1	1	4.3	3	17.6
Maine	3	9.4	3	15.0	0	0.0	1	12.5	2	20.0	0	0.0	0	0.0	3	17.6
Maryland	6	12.0	5	15.6	2	18.2	1	6.2	2	40.0	1	5.6	3	10.0	3	15.0
Massachusetts	14	12.3	10	11.2	2	7.1	4	10.5	2	11.1	4	16.0	1	3.2	13	15.7
Michigan	11	11.1	8	11.9	2	14.3	3	11.5	3	12.0	3	9.4	3	6.8	8	14.5
Minnesota	6	6.6	4	9.1	1	12.5	0	0.0	3	17.6	2	4.3	1	2.1	5	11.4
Mississippi	3	7.7	2	10.0	0	0.0	1	12.5	1	16.7	1	5.3	0	0.0	3	21.4
Missouri	12	12.5	8	11.6	1	6.7	3	11.1	4	15.4	4	14.8	1	3.2	11	16.9
Montana	5	22.7	2	20.0	1	50.0	0	0.0	1	25.0	3	25.0	3	18.8	2	33.3
Nebraska	4	12.1	3	14.3	1	25.0	0	0.0	2	33.3	1	8.3	2	15.4	2	10.0
Nevada	4	33.3	2	33.3	0	0.0	0	0.0	2	66.7	2	33.3	0	0.0	4	66.7
New Hampshire	4	17.4	3	16.7	1	25.0	1	16.7	1	12.5	1	20.0	2	25.0	2	13.3
New Jersey	6	11.5	2	6.7	2	15.4	0	0.0	0	0.0	4	18.2	3	9.4	3	15.0
New Mexico	4	10.5	1	6.2	0	0.0	1	10.0	0	0.0	3	13.6	2	7.7	2	16.7
New York	36	13.8	23	13.0	6	12.8	11	13.3	5	11.9	13	15.7	4	4.9	32	18.0
North Carolina	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
North Dakota	1	5.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	1	6.7	0	0.0
Ohio	35	24.5	18	21.4	4	18.2	10	27.0	4	17.4	17	28.8	10	19.6	25	27.2
Oklahoma	11	23.9	7	22.6	2	28.6	3	23.1	2	20.0	4	26.7	7	24.1	4	23.5
Oregon	2	4.0	0	0.0	0	0.0	0	0.0	0	0.0	2	11.8	1	4.2	1	3.8
Pennsylvania	30	14.2	9	6.3	2	5.6	3	5.3	4	8.0	21	30.9	3	4.8	27	18.1
Rhode Island	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
South Carolina	10	16.4	4	11.4	0	0.0	1	7.1	3	21.4	6	23.1	4	12.1	6	21.4
South Dakota	1	4.2	1	5.3	0	0.0	1	8.3	0	0.0	0	0.0	1	7.1	0	0.0
Tennessee	8	9.8	4	7.0	1	7.1	1	4.3	2	10.5	4	16.0	0	0.0	8	13.8
Texas	16	8.7	13	13.5	0	0.0	5	14.7	7	33.3	3	3.4	2	1.9	14	17.9
Utah	3	14.3	0	0.0	0	0.0	0	0.0	0	0.0	3	33.3	0	0.0	3	25.0
Vermont	4	17.4	2	9.5	0	0.0	1	9.1	1	12.5	2	100.0	3	50.0	1	5.9
Virginia	5	6.3	2	4.1	1	5.9	0	0.0	1	5.6	3	10.0	1	2.6	4	10.0
Washington	5	7.6	3	9.4	1	16.7	1	5.6	1	12.5	2	5.9	2	5.1	3	11.1
West Virginia	7	25.0	3	13.6	0	0.0	1	14.3	2	16.7	4	66.7	3	20.0	4	30.8
Wisconsin	5	8.1	1	2.3	0	0.0	1	3.7	0	0.0	4	21.1	5	16.1	0	0.0
Wyoming	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

NOTE: Percentages are derived using table C counts.

SOURCE: United States Department of Education, National Center for Education Statistics (NCES), "Academic Libraries Survey, 2000."

Table F3. Total number of academic libraries by state, level, and control of institution: 2000

	Total post-secondary degree-granting institutions	Total 4-year institutions	4-year institutions — Highest level of degree			Less than 4-year	Public	Private
			Doctor's	Master's	Bachelor's			
Libraries	3,527	2,148	568	884	660	1,379	1,566	1,961
Alabama	66	38	10	14	14	28	41	25
Alaska	6	5	1	2	2	1	3	3
Arizona	55	22	6	6	9	33	24	31
Arkansas	45	21	5	8	8	24	33	12
California	341	178	53	76	40	163	140	201
Colorado	58	36	12	7	17	22	27	31
Connecticut	43	28	7	16	4	15	21	22
Delaware	10	6	3	3	0	4	5	5
District of Columbia	15	15	6	6	2	0	2	13
Florida	120	71	16	26	29	49	39	81
Georgia	88	56	15	24	17	32	47	41
Hawaii	18	9	3	4	2	9	9	9
Idaho	14	8	3	1	4	6	7	7
Illinois	153	95	33	27	33	58	60	93
Indiana	79	55	12	26	17	24	28	51
Iowa	62	42	6	15	21	20	18	44
Kansas	54	28	5	12	11	26	30	24
Kentucky	61	34	8	16	10	27	22	39
Louisiana	40	26	11	10	5	14	23	17
Maine	32	20	2	8	10	12	15	17
Maryland	50	32	11	16	5	18	30	20
Massachusetts	114	89	28	38	18	25	31	83
Michigan	99	67	14	26	25	32	44	55
Minnesota	91	44	8	18	17	47	47	44
Mississippi	39	20	6	8	6	19	25	14
Missouri	96	69	15	27	26	27	31	65
Montana	22	10	2	4	4	12	16	6
Nebraska	33	21	4	11	6	12	13	20
Nevada	12	6	2	1	3	6	6	6
New Hampshire	23	18	4	6	8	5	8	15
New Jersey	52	30	13	15	2	22	32	20
New Mexico	38	16	3	10	3	22	26	12
New York	260	177	47	83	42	83	82	178
North Carolina	118	57	13	21	23	61	74	44
North Dakota	20	10	2	2	6	10	15	5
Ohio	143	84	22	37	23	59	51	92
Oklahoma	46	31	7	13	10	15	29	17
Oregon	50	33	8	17	8	17	24	26
Pennsylvania	211	143	36	57	50	68	62	149
Rhode Island	12	11	6	3	1	1	3	9
South Carolina	61	35	6	14	14	26	33	28
South Dakota	24	19	4	12	3	5	14	10
Tennessee	82	57	14	23	19	25	24	58
Texas	183	96	40	34	21	87	105	78
Utah	21	12	3	4	5	9	9	12
Vermont	23	21	2	11	8	2	6	17
Virginia	79	49	17	14	18	30	39	40
Washington	66	32	6	18	8	34	39	27
West Virginia	28	22	2	7	12	6	15	13
Wisconsin	62	43	5	27	11	19	31	31
Wyoming	9	1	1	0	0	8	8	1

SOURCE: United States Department of Education, National Center for Education Statistics (NCES), "Academic Libraries Survey, 2000."

Appendix G— Comparison of Reported and Imputed Values
Academic Libraries Survey (ALS) 2000

The tables in this appendix compare the final imputed data with the reported data in ALS 2000.

Appendix G— Comparison of Reported and Imputed Values
Academic Libraries Survey (ALS) 2000

Table G-1.   Item Totals and Pecentage Change From 2000 Reported to 2000 Imputed

Current year variable	2000 Reported	2000 Imputed	Percentage change
Records	3,527.00	3,527.00	0.00
BRANCHES	2,561.00	2,899.00	13.20
STLIBS	23,577.14	25,152.28	6.68
STOTHPRO	5,537.40	5,863.82	5.89
STLIBPRO	29,114.54	31,016.10	6.53
STOTH	35,762.16	37,899.16	5.98
STCONSRV	207.26	228.88	10.43
STASST	24,505.82	26,520.69	8.22
STTOT2000	89,319.58	95,664.83	7.10
SWLIBPRO	1,243,493,007.00	1,337,946,604.00	7.60
SWOTH	892,654,632.00	949,758,670.00	6.40
SWASST	212,535,790.00	229,566,607.00	8.01
IRPAMICR	506,556,714.00	552,103,537.00	8.99
EXELBKS	31,029,214.00	33,888,830.00	9.22
CUPAMICR	884,935,390.00	945,957,716.00	6.90
EXELSER	193,761,599.00	203,845,116.00	5.20
EXAUD	29,838,193.00	32,039,666.00	7.38
EXDEL	19,193,045.00	20,543,097.00	7.03
EXPRES	41,952,509.00	43,831,575.00	4.48
EXOTHIR	31,514,452.00	34,380,687.00	9.09
EXFUREQP	60,190,744.00	63,498,595.00	5.50
EXCOMP	148,343,261.00	160,488,352.00	8.19
EXBIB	84,536,427.00	90,284,162.00	6.80
EXOTH2000	286,709,052.00	327,809,914.00	14.34
EXTOT	4,603,319,929.00	5,025,943,128.00	9.18
FRINGE	289,416,502.00	313,324,847.00	8.26
COLBKSA	22,491,432.00	24,435,723.00	8.64
COLBKSH	857,844,028.00	913,546,999.00	6.49
COLBKPTA	13,445,698.00	17,222,715.00	28.09
COLBKPTH	413,422,807.00	525,361,591.00	27.08
COLMICRA	30,527,585.00	34,564,174.00	13.22
COLMICRH	1,033,101,162.00	1,111,496,736.00	7.59

See notes at the end tables.

Appendix G— Comparison of Reported and Imputed Values
Academic Libraries Survey (ALS) 2000

Table G-1.   Item Totals and Pecentage Change From 2000 Reported to 2000 Imputed

Current year variable	2000 Reported	2000 Imputed	Percentage change
COLSERA	390,550.00	572,523.00	46.59
COLSERH	7,255,002.00	7,499,870.00	3.38
COLAUDA	2,318,618.00	2,830,665.00	22.08
COLAUDH	78,951,440.00	87,558,471.00	10.90
ILPRET	3,878,866.00	4,617,709.00	19.05
ILPNON	4,133,780.00	4,876,321.00	17.96
ILPTOT	8,012,646.00	9,494,030.00	18.49
ILRRET	3,059,189.00	3,534,141.00	15.53
ILRNON	3,601,210.00	4,161,562.00	15.56
ILRTOT	7,125,434.00	7,695,703.00	8.00
DOCDEL	980,570.00	1,228,976.00	25.33
CIRTRANS	179,218,840.00	193,962,856.00	8.23
PRESEN	388,336.00	432,451.00	11.36
ATTEND	6,777,272.00	7,503,005.00	10.71
HOURS	235,865.00	270,009.00	14.48
GATECT	13,520,727.00	16,456,612.00	21.71
REFTRANS	1,393,318.00	1,582,386.00	13.57
TFTFAC9_10M	330,946.00	385,937.00	16.62
TFTFAC11_12M	58,307.00	68,484.00	17.45
EXTOT2000	79,121,013,873.00	79,515,063,559.00	0.50
EXTOT2000B	2,731,899,769.00	2,928,169,079.00	7.18

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2000.

Appendix G— Comparison of Reported and Imputed Values
Academic Libraries Survey (ALS) 2000

Table G-2.   Record totals of Reported and Imputed Values From 1998 ALS to 2000

	1998 ALS	2000 ALS
Total Reported - Total number of libraries responded to the survey.	3,547	3,084
Total Imputed - Total number of libraries not responded to the survey and hence all items imputed.	111	443
Total number of libraries in the survey universe - Number of postsecondary institutions within the 50 States and the District of Columbia with academic libraries. (Total Reported + Total Imputed)	3,658	3,527
Number of Institutions with at least one part of the data Imputed. (Based on the value of the IMPUTE variable).	2,517	2,143

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2000.

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

This appendix provides frequency counts for categorical variables and descriptions of continuous variables.

Frequency Tables: Public Use File

Status of institution

ACT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Active - Institution active and not an add	3527	100.00	3527	100.00

Street address or post office box

ADDR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank Value	100	2.84	100	2.84
Valid Value	3427	97.16	3527	100.00

Affiliation of institution

AFFIL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public	1566	44.40	1566	44.40
2 Private for-profit	472	13.38	2038	57.78
3 Private nonprofit, no religious affiliation	661	18.74	2699	76.52
4 Private nonprofit	828	23.48	3527	100.00

Total number of associate's degrees from Completions

ASSOCDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	1167	33.09	1167	33.09
Valid Value	2360	66.91	3527	100.00

Total attendance at all presentations

ATTEND	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Total number of bachelor's degrees from Completions

BACHDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	1642	46.56	1642	46.56
Valid Value	1885	53.44	3527	100.00

Number of Branch and Independent Libraries

BRANCHES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Carnegie Classification Code

CARNEGIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	467	13.24	467	13.24
11 Research universities I	89	2.52	556	15.76
12 Research universities II	37	1.05	593	16.81
13 Doctoral universities I	51	1.45	644	18.26
14 Doctoral universities II	58	1.64	702	19.90
21 Masters comprehensive I	430	12.19	1132	32.10
22 Masters comprehensive II	89	2.52	1221	34.62
31 BA liberal arts colleges I	155	4.39	1376	39.01
32 Baccalaureate colleges II	443	12.56	1819	51.57
40 Associate of Arts College	1192	33.80	3011	85.37
51 Theological seminaries	180	5.10	3191	90.47
52 Medical schools	46	1.30	3237	91.78
53 Other separate health profession schools	61	1.73	3298	93.51
54 Schools of engineering and technology	31	0.88	3329	94.39
55 Schools of business and management	47	1.33	3376	95.72
56 Schools of art, music, and design	61	1.73	3437	97.45
57 Schools of law	20	0.57	3457	98.02
58 Teachers colleges	4	0.11	3461	98.13
59 Other specialized institutions	39	1.11	3500	99.23
60 Tribal colleges	27	0.77	3527	100.00

Circulation transactions

CIRTRANS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Institution City

CITY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Cost of library's participation fully funded by the state

CNFULLYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
H	3527	100.00	3527	100.00

Participate in other consortia-elec res

CNOTHRYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
H	3527	100.00	3527	100.00

Library participates in the consortium

CNPARTYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
H	3527	100.00	3527	100.00

Library's participation partially funded by the state

CNPRTLYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
H	3527	100.00	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Subsidized consortium-access to elec res

CNSUBYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
H	3527	100.00	3527	100.00

Number of units (audiovisual materials) added

COLAUDA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Number of units (audiovisual materials) held

COLAUDH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Number of titles (books-paper) added

COLBKPTA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Number of titles (books-paper) held

COLBKPTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Number of volumes (books-paper) added

COLBKSA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Number of volumes (books-paper) held

COLBKSH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Number of units (books-microforms) added

COLMICRA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Number of units (books-microforms) held

COLMICRH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Number of units (current serial subscriptions) added

COLSERA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Number of units (current serial subscriptions) held

COLSERH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Computers for patron use in library

COMPUTERYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	504	14.29	504	14.29
1 YES	2468	69.97	2972	84.26
2 NO	555	15.74	3527	100.00

Control of Institution

CONTROL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public	1566	44.40	1566	44.40
2 Private, nonprofit	1489	42.22	3055	86.62
3 Private, for profit	472	13.38	3527	100.00

Expenditures for current serials: paper and microform

CUPAMICR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Parent/child indicator

CYPARCH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	3440	97.53	3440	97.53
1 Parent record (combined data)	87	2.47	3527	100.00

The most recent date the record was edited or imputed

DATEFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	442	12.53	442	12.53
Valid Value	3085	87.47	3527	100.00

Medium used to collect data

DATSRC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	444	12.59	444	12.59
1 Internet (FTP/WWW)	3083	87.41	3527	100.00

Degree Granting Status

DEGGRANT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 YES	3527	100.00	3527	100.00

Services to your institution's distance education students

DISTEDSRVYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	508	14.40	508	14.40
-2 Not Applicable	1076	30.51	1584	44.91
1 YES	1827	51.80	3411	96.71
2 NO	116	3.29	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Institution has distance education students

DISTEDYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	502	14.23	502	14.23
1 YES	1949	55.26	2451	69.49
2 NO	1076	30.51	3527	100.00

Documents delivered from commercial services

DOCDEL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Acc elec files(not ctlg) else on cmpus

DOCDIGCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	570	16.16	570	16.16
1 YES	1846	52.34	2416	68.50
2 NO	1111	31.50	3527	100.00

Acc elec files(not ctlg) off cmpus-oth

DOCDIGOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	598	16.95	598	16.95
1 YES	1606	45.53	2204	62.49
2 NO	1323	37.51	3527	100.00

Acc elec files(not ctlg) off cmpus-prm

DOCDIGOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	587	16.64	587	16.64
1 YES	1760	49.90	2347	66.54
2 NO	1180	33.46	3527	100.00

Acc elec files(not ctlg) w/in lib

DOCDIGYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	523	14.83	523	14.83
1 YES	2007	56.90	2530	71.73
2 NO	997	28.27	3527	100.00

Total number of doctor's degrees from Completions

DOCTDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	3021	85.65	3021	85.65
Valid Value	506	14.35	3527	100.00

Dunn and Bradstreet Id Number

DUNS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	39	1.11	39	1.11
Valid Value	3488	98.89	3527	100.00

Edit status of the institution

EDITSTATUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	442	12.53	442	12.53
1 Passed edits	557	15.79	999	28.32
2 Edit flags remain, analyst accepted	2528	71.68	3527	100.00

Employer Id Number

EIN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not reported	493	13.98	493	13.98
-2 Not applicable	3	0.09	496	14.06
-3 Not available	14	0.40	510	14.46
Valid Value	3017	85.54	3527	100.00

Access of elec catalog from elsewhere on campus

ELCATCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	547	15.51	547	15.51
1 YES	2532	71.79	3079	87.30
2 NO	448	12.70	3527	100.00

Access of elec catalog from off campus by others

ELCATOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	579	16.42	579	16.42
1 YES	2360	66.91	2939	83.33
2 NO	588	16.67	3527	100.00

Access of elec catalog from off campus by primary clientele

ELCATOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	563	15.96	563	15.96
1 YES	2446	69.35	3009	85.31
2 NO	518	14.69	3527	100.00

Access of elec catalog from within the library

ELCATYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	506	14.35	506	14.35
1 YES	2830	80.24	3336	94.58
2 NO	191	5.42	3527	100.00

Acc elec fl txt course res else on cmp

ELCRSCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	580	16.44	580	16.44
1 YES	694	19.68	1274	36.12
2 NO	2253	63.88	3527	100.00

Acc elec fl txt course res off cmp-oth

ELCRSOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	605	17.15	605	17.15
1 YES	117	3.32	722	20.47
2 NO	2805	79.53	3527	100.00

Acc elec fl txt course res off cmp-prm

ELCRSOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	600	17.01	600	17.01
1 YES	660	18.71	1260	35.72
2 NO	2267	64.28	3527	100.00

Acc elec full text course res w/in lib

ELCRSYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	528	14.97	528	14.97
1 YES	726	20.58	1254	35.55
2 NO	2273	64.45	3527	100.00

Elec doc deliv-lib to acct else on cmp

ELDOCDELCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	565	16.02	565	16.02
1 YES	1393	39.50	1958	55.51
2 NO	1569	44.49	3527	100.00

Elec doc deliv-lib to acct off cmp-oth

ELDOCDELOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	602	17.07	602	17.07
1 YES	460	13.04	1062	30.11
2 NO	2465	69.89	3527	100.00

Elec doc deliv-lib to acct off cmp-prm

ELDOCDELOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	589	16.70	589	16.70
1 YES	1285	36.43	1874	53.13
2 NO	1653	46.87	3527	100.00

Elec doc deliv-lib to acct w/in lib

ELDOCDELYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	522	14.80	522	14.80
1 YES	1470	41.68	1992	56.48
2 NO	1535	43.52	3527	100.00

Institution has organized collection of materials

ELGCOLL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	329	9.33	329	9.33
1 YES	3198	90.67	3527	100.00

Institution has physical facilities for collection

ELGPHYS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	329	9.33	329	9.33
1 YES	3198	90.67	3527	100.00

Institution has established schedule

ELGSCHED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	329	9.33	329	9.33
1 YES	3198	90.67	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Institution has trained staff

ELGSTAFF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	329	9.33	329	9.33
1 YES	3198	90.67	3527	100.00

Acc elec index & ref tool else on cmp

ELINDCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	552	15.65	552	15.65
1 YES	2652	75.19	3204	90.84
2 NO	323	9.16	3527	100.00

Acc elec index & ref tool off cmp-oth

ELINDOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	594	16.84	594	16.84
1 YES	880	24.95	1474	41.79
2 NO	2053	58.21	3527	100.00

Acc elec index & ref tool off cmp-prmry

ELINDOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	568	16.10	568	16.10
1 YES	2370	67.20	2938	83.30
2 NO	589	16.70	3527	100.00

Acc elec index & ref tools w/in lib

ELINDYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	506	14.35	506	14.35
1 YES	2904	82.34	3410	96.68
2 NO	117	3.32	3527	100.00

Acc elec full text period. else on cmp

ELPERCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	554	15.71	554	15.71
1 YES	2594	73.55	3148	89.25
2 NO	379	10.75	3527	100.00

Acc elec full text period. off cmp-oth

ELPEROCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	592	16.78	592	16.78
1 YES	661	18.74	1253	35.53
2 NO	2274	64.47	3527	100.00

Acc elec full text period. off cmp-prm

ELPEROCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	575	16.30	575	16.30
1 YES	2336	66.23	2911	82.53
2 NO	616	17.47	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Acc elec full text periodical w/in lib

ELPERYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	512	14.52	512	14.52
1 YES	2788	79.05	3300	93.56
2 NO	227	6.44	3527	100.00

Expenditures for audiovisual materials

EXAUD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Exp for bibliographic utilities, networks, and consortia

EXBIB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Expenditures for computer hardware and software

EXCOMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Expenditures for document delivery/interlibrary loan

EXDEL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Expenditure - Electronic Books

EXELBKS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Expenditures for current serials: electronic

EXELSER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Expenditures for furniture and equipment

EXFUREQP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Expenditures for other materials

EXOTHIR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

All other operating expenditures

EXOTH2000	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	1380	39.13	1380	39.13
Valid Value	2147	60.87	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Expenditures for preservation

EXPRES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Total expenditures

EXTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Total expenses 2000

EXTOT2000	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	2093	59.34	2093	59.34
Valid Value	1434	40.66	3527	100.00

Total expenses 2000

EXTOT2000B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	3090	87.61	3090	87.61
Valid Value	437	12.39	3527	100.00

Total educational & general expenditures 2000

EXTOTE_G2000	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	2041	57.87	2041	57.87
Valid Value	1486	42.13	3527	100.00

Institution provides financial support to another

FINSUPP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	3526	99.97	3526	99.97
1 YES	1	0.03	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

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                              FIPS state code
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FIPS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
01 Alabama	66	1.87	66	1.87
02 Alaska	6	0.17	72	2.04
04 Arizona	55	1.56	127	3.60
05 Arkansas	45	1.28	172	4.88
06 California	341	9.67	513	14.54
08 Colorado	58	1.64	571	16.19
09 Connecticut	43	1.22	614	17.41
10 Delaware	10	0.28	624	17.69
11 District of Columbia	15	0.43	639	18.12
12 Florida	120	3.40	759	21.52
13 Georgia	88	2.50	847	24.01
15 Hawaii	18	0.51	865	24.53
16 Idaho	14	0.40	879	24.92
17 Illinois	153	4.34	1032	29.26
18 Indiana	79	2.24	1111	31.50
19 Iowa	62	1.76	1173	33.26
20 Kansas	54	1.53	1227	34.79
21 Kentucky	61	1.73	1288	36.52
22 Louisiana	40	1.13	1328	37.65
23 Maine	32	0.91	1360	38.56
24 Maryland	50	1.42	1410	39.98
25 Massachusetts	114	3.23	1524	43.21
26 Michigan	99	2.81	1623	46.02
27 Minnesota	91	2.58	1714	48.60
28 Mississippi	39	1.11	1753	49.70
29 Missouri	96	2.72	1849	52.42
30 Montana	22	0.62	1871	53.05
31 Nebraska	33	0.94	1904	53.98
32 Nevada	12	0.34	1916	54.32
33 New Hampshire	23	0.65	1939	54.98
34 New Jersey	52	1.47	1991	56.45
35 New Mexico	38	1.08	2029	57.53
36 New York	260	7.37	2289	64.90
37 North Carolina	118	3.35	2407	68.24
38 North Dakota	20	0.57	2427	68.81
39 Ohio	143	4.05	2570	72.87
40 Oklahoma	46	1.30	2616	74.17
41 Oregon	50	1.42	2666	75.59
42 Pennsylvania	211	5.98	2877	81.57
44 Rhode Island	12	0.34	2889	81.91
45 South Carolina	61	1.73	2950	83.64
46 South Dakota	24	0.68	2974	84.32
47 Tennessee	82	2.32	3056	86.65
48 Texas	183	5.19	3239	91.83
49 Utah	21	0.60	3260	92.43
50 Vermont	23	0.65	3283	93.08

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                              FIPS state code
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FIPS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
51 Virginia	79	2.24	3362	95.32
53 Washington	66	1.87	3428	97.19
54 West Virginia	28	0.79	3456	97.99
55 Wisconsin	62	1.76	3518	99.74
56 Wyoming	9	0.26	3527	100.00

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                              Survey form
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FORM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
L Academic Libraries	3527	100.00	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

First Professional Offering

FPOFFER	Frequency	Percent
1 First professional degree or first professional certificate	494	14.01
2 No first professional offering	3033	85.99

First Professional Offering

FPOFFER	Cumulative Frequency	Cumulative Percent
1 First professional degree or first professional certificate	494	14.01
2 No first professional offering	3527	100.00

Exp from library budget for employee fringe benefits

FRINGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	2058	58.35	2058	58.35
Valid Value	1469	41.65	3527	100.00

Employee fringe benefits paid from library budget

FRINGEYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	24	0.68	24	0.68
1 YES	1769	50.16	1793	50.84
2 NO	1734	49.16	3527	100.00

Full-time graduate students 1998-99

FTGS9899	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	2118	60.05	2118	60.05
Valid Value	1409	39.95	3527	100.00

Full-time undergraduate students 1998-99

FTUS9899	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	269	7.63	269	7.63
Valid Value	3258	92.37	3527	100.00

Gate count in a typical week

GATECT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Graduate Offering

GROFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Graduate degree or certificate offered	1485	42.10	1485	42.10
2 No graduate offering	2042	57.90	3527	100.00

Historically Black College/University

HBCU	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 YES	95	2.69	95	2.69
2 NO	3432	97.31	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Highest Degree Offered

HDEGOFFR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 First professional degrees only	38	1.08	38	1.08
10 Doctoral	243	6.89	281	7.97
11 Doctoral and First professional	325	9.21	606	17.18
20 Master's	772	21.89	1378	39.07
21 Master's and First professional	112	3.18	1490	42.25
30 Bachelors	643	18.23	2133	60.48
31 Bachelors and First professional	14	0.40	2147	60.87
40 Associates	1380	39.13	3527	100.00

Highest Level of Education Offering

HLOFFER	Frequency	Percent
-2 Not applicable, first professional only	36	1.02
3 Associate degree	1027	29.12
4 Postsec. award, certificate/diploma-two to four academic years	352	9.98
5 Bachelor's degree	627	17.78
6 Post baccalaureate certificate	33	0.94
7 Master's degree	702	19.90
8 Post master's certificate	182	5.16
9 Doctoral degree	568	16.10

Highest Level of Education Offering

HLOFFER	Cumulative Frequency	Cumulative Percent
-2 Not applicable, first professional only	36	1.02
3 Associate degree	1063	30.14
4 Postsec. award, certificate/diploma-two to four academic years	1415	40.12
5 Bachelor's degree	2042	57.90
6 Post baccalaureate certificate	2075	58.83
7 Master's degree	2777	78.74
8 Post master's certificate	2959	83.90
9 Doctoral degree	3527	100.00

Institution has Hospital

HOSPITAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 YES	91	2.58	91	2.58
2 NO	3436	97.42	3527	100.00

Hours open in a typical week

HOURS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Level of Institution

ICLEVEL	Frequency	Percent
1 Four or more years (Baccalaureate or higher degree)	2148	60.90
2 At least 2 but less than 4 years (below the Baccalaureate)	1379	39.10

Level of Institution

ICLEVEL	Cumulative Frequency	Cumulative Percent
1 Four or more years (Baccalaureate or higher degree)	2148	60.90
2 At least 2 but less than 4 years (below the Baccalaureate)	3527	100.00

Interlib loans to othr lib-non-return

ILPNON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Interlib loans to othr lib-returnable

ILPRET	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Interlib loans to othr lib-total

ILPTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Interlib loans from othr lib-non-return

ILRNON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Interlib loans from othr lib-returnable

ILRRET	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Interlib loans from othr lib-total

ILRTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Impute status of the institution

IMPUTE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	1384	39.24	1384	39.24
1 At least one part is imputed	2143	60.76	3527	100.00

Internet access from elsewhere on campus

INETCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	548	15.54	548	15.54
1 YES	2861	81.12	3409	96.65
2 NO	118	3.35	3527	100.00

Internet access from off campus by others

INETOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	610	17.30	610	17.30
1 YES	1163	32.97	1773	50.27
2 NO	1754	49.73	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Internet access from off campus by primary clientele

INETOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	592	16.78	592	16.78
1 YES	1981	56.17	2573	72.95
2 NO	954	27.05	3527	100.00

Internet access from within the library

INETYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	505	14.32	505	14.32
1 YES	2981	84.52	3486	98.84
2 NO	41	1.16	3527	100.00

Instr by lib stf-internet else on cmp

INSINETCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	556	15.76	556	15.76
1 YES	2401	68.07	2957	83.84
2 NO	570	16.16	3527	100.00

Instr by lib stf-internet off cmp-oth

INSINETOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	610	17.30	610	17.30
1 YES	885	25.09	1495	42.39
2 NO	2032	57.61	3527	100.00

Instr by lib stf-internet off cmp-prm

INSINETOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	599	16.98	599	16.98
1 YES	1604	45.48	2203	62.46
2 NO	1324	37.54	3527	100.00

Instr by lib stf-internet w/in lib

INSINETYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	506	14.35	506	14.35
1 YES	2960	83.92	3466	98.27
2 NO	61	1.73	3527	100.00

Institution Name

INSTNM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Expenditures for books - paper and microform

IRPAMICR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Name of 1st Institution Library is Shared With

LIBNAME1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank Value	3527	100.00	3527	100.00

Name of 2nd Institution Library is Shared With

LIBNAME2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank Value	3527	100.00	3527	100.00

Name of 3rd Institution Library is Shared With

LIBNAME3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank Value	3527	100.00	3527	100.00

Lib ref serv by email else on campus

LIBREFCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	568	16.10	568	16.10
1 YES	2139	60.65	2707	76.75
2 NO	820	23.25	3527	100.00

Lib ref serv by email off campus-othr

LIBREFOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	604	17.13	604	17.13
1 YES	1587	45.00	2191	62.12
2 NO	1336	37.88	3527	100.00

Lib ref serv by email off campus-prim

LIBREFOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	587	16.64	587	16.64
1 YES	2100	59.54	2687	76.18
2 NO	840	23.82	3527	100.00

Lib ref serv by email w/in library

LIBREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	534	15.14	534	15.14
1 YES	2185	61.95	2719	77.09
2 NO	808	22.91	3527	100.00

Shared Library, 1st Unit Id

LIBSHAR1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	3527	100.00	3527	100.00

Shared Library, 2nd Unit Id

LIBSHAR2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	3527	100.00	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Shared Library, 3rd Unit Id

LIBSHAR3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	3527	100.00	3527	100.00

Interlib loan req elec else on campus

LOANREQCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	569	16.13	569	16.13
1 YES	1809	51.29	2378	67.42
2 NO	1149	32.58	3527	100.00

Interlib loan req elec off campus-othr

LOANREQOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	596	16.90	596	16.90
1 YES	685	19.42	1281	36.32
2 NO	2246	63.68	3527	100.00

Interlib loan req elec off campus-prim

LOANREQOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	584	16.56	584	16.56
1 YES	1749	49.59	2333	66.15
2 NO	1194	33.85	3527	100.00

Interlib loan req elec w/in library

LOANREQYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	521	14.77	521	14.77
1 YES	2197	62.29	2718	77.06
2 NO	809	22.94	3527	100.00

Locale Code - Degree of Urbanization

LOCALE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	6	0.17	6	0.17
1 Large city	803	22.77	809	22.94
2 Mid-size city	926	26.25	1735	49.19
3 Urban fringe of large city	672	19.05	2407	68.24
4 Urban fringe of mid-size city	231	6.55	2638	74.79
5 Large town	120	3.40	2758	78.20
6 Small town	565	16.02	3323	94.22
7 Rural	197	5.59	3520	99.80
9 Not assigned	7	0.20	3527	100.00

Total number of master's degrees from Completions

MASTDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	2156	61.13	2156	61.13
Valid Value	1371	38.87	3527	100.00

Institution Grants Medical Degree

MEDICAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 YES	152	4.31	152	4.31
2 NO	3375	95.69	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

OBE Region Code

OBEREG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 US Service Schools	4	0.11	4	0.11
1 New England - CT ME MA NH RI VT	247	7.00	251	7.12
2 Mid East - DE DC MD NJ NY PA	595	16.87	846	23.99
3 Great Lakes - IL IN MI OH WI	536	15.20	1382	39.18
4 Plains - IA KS MN MO NE ND SD	380	10.77	1762	49.96
5 Southeast - AL AR FL GA KY LA MS NC SC TN VA WV	827	23.45	2589	73.41
6 Southwest - AZ NM OK TX	322	9.13	2911	82.53
7 Rocky Mountains - CO ID MT UT WY	123	3.49	3034	86.02
8 Far West - AK CA HI NV OR WA	493	13.98	3527	100.00

OPE Eligibility Indicator

OPEFLAG	Frequency	Percent
1 Institition is eligible for Title IV aid	3497	99.15
2 Not eligible separately but branch of an eligible campus	8	0.23
3 Eligible for Title IV aid, but for deferment only	22	0.62

OPE Eligibility Indicator

OPEFLAG	Cumulative Frequency	Cumulative Percent
1 Institition is eligible for Title IV aid	3497	99.15
2 Not eligible separately but branch of an eligible campus	3505	99.38
3 Eligible for Title IV aid, but for deferment only	3527	100.00

Office of Post Sec Education Id

OPEID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Institution Open to the General Public

OPENPUBL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 YES	3527	100.00	3527	100.00

Imputation status of Part A

PARTAFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	2981	84.52	2981	84.52
2 Imputed, using institution's prior year data	401	11.37	3382	95.89
9 Partial Impute	145	4.11	3527	100.00

Imputation status of Part B

PARTBFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	3039	86.16	3039	86.16
1 Imputed, using current year mean average	42	1.19	3081	87.35
2 Imputed, using institution's prior year data	401	11.37	3482	98.72
3 Imputed, using institution's current part b data	36	1.02	3518	99.74
9 Partial Impute	9	0.26	3527	100.00

Imputation status of Part C

PARTCFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	2723	77.20	2723	77.20
1 Imputed, using current year mean average	41	1.16	2764	78.37
2 Imputed, using institution's prior year data	397	11.26	3161	89.62
3 Imputed, using institution's current part c data	193	5.47	3354	95.09
9 Partial Impute	173	4.91	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Imputation status of Part D

PARTDFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	1938	54.95	1938	54.95
1 Imputed, using current year mean average	42	1.19	1980	56.14
2 Imputed, using institution's prior year data	401	11.37	2381	67.51
9 Partial Impute	1146	32.49	3527	100.00

Imputation status of Part E

PARTEFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	2293	65.01	2293	65.01
1 Imputed, using current year mean average	42	1.19	2335	66.20
9 Partial Impute	1192	33.80	3527	100.00

Imputation status of Part F

PARTFFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	2628	74.51	2628	74.51
1 Imputed, using current year mean average	42	1.19	2670	75.70
2 Imputed, using institution's prior year data	401	11.37	3071	87.07
9 Partial Impute	456	12.93	3527	100.00

Percent black, non-Hispanic

PCTMIN1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	12	0.34	12	0.34
-1 Not reported	32	0.91	44	1.25
Valid Value	3483	98.75	3527	100.00

Percent American Indian/Alaskan Native

PCTMIN2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	12	0.34	12	0.34
-1 Not reported	32	0.91	44	1.25
Valid Value	3483	98.75	3527	100.00

Percent Asian/Pacific Islander

PCTMIN3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	12	0.34	12	0.34
-1 Not reported	32	0.91	44	1.25
Valid Value	3483	98.75	3527	100.00

Percent Hispanic

PCTMIN4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	12	0.34	12	0.34
-1 Not reported	32	0.91	44	1.25
Valid Value	3483	98.75	3527	100.00

Number of presentations during the fiscal year

PRESEN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Total number of first prof degrees from Completions

PROFDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	3062	86.82	3062	86.82
Valid Value	465	13.18	3527	100.00

Part-time graduate students 1998-99

PTGS9899	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	2140	60.67	2140	60.67
Valid Value	1387	39.33	3527	100.00

Part-time undergraduate students 1998-99

PTUS9899	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	530	15.03	530	15.03
Valid Value	2997	84.97	3527	100.00

Reference transactions in a typical week

REFTRANS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Refusal status of the institution

REFUSAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not Applicable	3518	99.74	3518	99.74
Refused to provide data	9	0.26	3527	100.00

Satellite broadcast for lib-else on cmp

SATBRCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	576	16.33	576	16.33
1 YES	864	24.50	1440	40.83
2 NO	2087	59.17	3527	100.00

Satellite broadcast for lib-off cmp-oth

SATBROCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	615	17.44	615	17.44
1 YES	251	7.12	866	24.55
2 NO	2661	75.45	3527	100.00

Satellite broadcast for lib-off cmp-prm

SATBROCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	607	17.21	607	17.21
1 YES	388	11.00	995	28.21
2 NO	2532	71.79	3527	100.00

Satellite broadcast for lib w/in lib

SATBRYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	529	15.00	529	15.00
1 YES	634	17.98	1163	32.97
2 NO	2364	67.03	3527	100.00

Scanning equipment for patron use in the library

SCANNERYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	512	14.52	512	14.52
1 YES	1123	31.84	1635	46.36
2 NO	1892	53.64	3527	100.00

Sector of Institution

SECTOR	Frequency	Percent
1 Public, 4-year or above	602	17.07
2 Private nonprofit, 4-year and above	1376	39.01
3 Private for profit, 4-year and above	170	4.82
4 Public, 2-year	964	27.33
5 Private nonprofit, 2-year	113	3.20
6 Private for profit, 2-year	302	8.56

Sector of Institution

SECTOR	Cumulative Frequency	Cumulative Percent
1 Public, 4-year or above	602	17.07
2 Private nonprofit, 4-year and above	1978	56.08
3 Private for profit, 4-year and above	2148	60.90
4 Public, 2-year	3112	88.23
5 Private nonprofit, 2-year	3225	91.44

Sector of Institution

SECTOR	Cumulative Frequency	Cumulative Percent
6 Private for profit, 2-year	3527	100.00

Computer software for patron use in the library

SOFTWAREYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	507	14.37	507	14.37
1 YES	2286	64.81	2793	79.19
2 NO	734	20.81	3527	100.00

State Abbreviation Code

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
AK Alaska	6	0.17	6	0.17
AL Alabama	66	1.87	72	2.04
AR Arkansas	45	1.28	117	3.32
AZ Arizona	55	1.56	172	4.88
CA California	341	9.67	513	14.54
CO Colorado	58	1.64	571	16.19
CT Connecticut	43	1.22	614	17.41
DC District of Columbia	15	0.43	629	17.83
DE Delaware	10	0.28	639	18.12
FL Florida	120	3.40	759	21.52
GA Georgia	88	2.50	847	24.01
HI Hawaii	18	0.51	865	24.53
IA Iowa	62	1.76	927	26.28
ID Idaho	14	0.40	941	26.68
IL Illinois	153	4.34	1094	31.02
IN Indiana	79	2.24	1173	33.26
KS Kansas	54	1.53	1227	34.79
KY Kentucky	61	1.73	1288	36.52
LA Louisiana	40	1.13	1328	37.65
MA Massachusetts	114	3.23	1442	40.88
MD Maryland	50	1.42	1492	42.30
ME Maine	32	0.91	1524	43.21
MI Michigan	99	2.81	1623	46.02
MN Minnesota	91	2.58	1714	48.60
MO Missouri	96	2.72	1810	51.32
MS Mississippi	39	1.11	1849	52.42
MT Montana	22	0.62	1871	53.05
NC North Carolina	118	3.35	1989	56.39
ND North Dakota	20	0.57	2009	56.96
NE Nebraska	33	0.94	2042	57.90
NH New Hampshire	23	0.65	2065	58.55
NJ New Jersey	52	1.47	2117	60.02
NM New Mexico	38	1.08	2155	61.10
NV Nevada	12	0.34	2167	61.44
NY New York	260	7.37	2427	68.81
OH Ohio	143	4.05	2570	72.87
OK Oklahoma	46	1.30	2616	74.17
OR Oregon	50	1.42	2666	75.59
PA Pennsylvania	211	5.98	2877	81.57
RI Rhode Island	12	0.34	2889	81.91
SC South Carolina	61	1.73	2950	83.64
SD South Dakota	24	0.68	2974	84.32
TN Tennessee	82	2.32	3056	86.65
TX Texas	183	5.19	3239	91.83
UT Utah	21	0.60	3260	92.43
VA Virginia	79	2.24	3339	94.67

State Abbreviation Code

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
VT Vermont	23	0.65	3362	95.32
WA Washington	66	1.87	3428	97.19
WI Wisconsin	62	1.76	3490	98.95
WV West Virginia	28	0.79	3518	99.74
WY Wyoming	9	0.26	3527	100.00

Student Assistants

STASST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Response status of the institution

STATUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Mailed, response	3084	87.44	3084	87.44
4 Mailed, nonresponse, imputed	443	12.56	3527	100.00

Contributed services staff

STCONSRV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Staff - Total Librarians and Other Professional Staff

STLIBPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Staff - Librarians

STLIBS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

All Other Paid Staff

STOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Staff - Other Professional Staff

STOTHPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Total Full Time Equivalent Staff

STTOT2000	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Salary & Wage - Student Assistant

SWASST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	1588	45.02	1588	45.02
Valid Value	1939	54.98	3527	100.00

Salary & Wage - Librarian and Other Professional Staff

SWLIBPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	1177	33.37	1177	33.37
Valid Value	2350	66.63	3527	100.00

Salary & Wage - Other Paid Staff

SWOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	1420	40.26	1420	40.26
Valid Value	2107	59.74	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Tech to asst ptrns w/disabil else on cmp

TECHCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	586	16.61	586	16.61
1 YES	1445	40.97	2031	57.58
2 NO	1496	42.42	3527	100.00

Tech to asst ptrns w/disabil off cmp-oth

TECHOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	636	18.03	636	18.03
1 YES	334	9.47	970	27.50
2 NO	2557	72.50	3527	100.00

Tech to asst ptrns w/disabil off cmp-prm

TECHOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	621	17.61	621	17.61
1 YES	581	16.47	1202	34.08
2 NO	2325	65.92	3527	100.00

Tech to asst patrons w/disabil w/in lib

TECHYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	519	14.72	519	14.72
1 YES	1743	49.42	2262	64.13
2 NO	1265	35.87	3527	100.00

Total FT faculty on 11/12 month contract

TFTFAC11_12M	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	324	9.19	324	9.19
Valid Value	3203	90.81	3527	100.00

Total FT faculty on 9/10 month contract

TFTFAC9_10M	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	301	8.53	301	8.53
Valid Value	3226	91.47	3527	100.00

Total enrollment 1998-99

TOTENR9899	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing Numeric Value	45	1.28	45	1.28
Valid Value	3482	98.72	3527	100.00

Tribal College

TRIBAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 YES	28	0.79	28	0.79
2 NO	3499	99.21	3527	100.00

Undergraduate Offering

UGOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Undergraduate degree or certificate offered	3311	93.88	3311	93.88
2 No undergraduate offering	216	6.12	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Unit Id Number for the Institution

UNITID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

UNITID number of parent institution

UNITIDX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	3439	97.50	3439	97.50
Valid Value	88	2.50	3527	100.00

Video/desktop conf for lib else on cmp

VDOCONFCMPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	572	16.22	572	16.22
1 YES	769	21.80	1341	38.02
2 NO	2186	61.98	3527	100.00

Video/desktop conf for lib off cmp-oth

VDOCONFOCOYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	612	17.35	612	17.35
1 YES	202	5.73	814	23.08
2 NO	2713	76.92	3527	100.00

Video/desktop conf for lib off cmp-prm

VDOCONFOCPYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	603	17.10	603	17.10
1 YES	413	11.71	1016	28.81
2 NO	2511	71.19	3527	100.00

Video/desktop conf for lib w/in lib

VDOCONFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1 Not Reported	525	14.89	525	14.89
1 YES	549	15.57	1074	30.45
2 NO	2453	69.55	3527	100.00

Institutions Web Address

WEBADDR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank Value	599	16.98	599	16.98
Valid Value	2928	83.02	3527	100.00

Status Flag - ATTEND

XATTEND	Frequency	Percent
A Analyst adjusted a reported value	4	0.11
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	63	1.79
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	583	16.53
R Original data value was reported	2873	81.46

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - ATTEND

XATTEND	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.11
C Analyst corrected a cell that was blank	5	0.14
I Imputation for previous nonresponse cell, non-prior year method	68	1.93
N Original data field was blank	71	2.01
P Imputation for previous nonresponse cell, using prior year data	654	18.54
R Original data value was reported	3527	100.00

Status Flag - BRANCES

XBRANCHES	Frequency	Percent
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	48	1.36
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	546	15.48
R Original data value was reported	2929	83.05

Status Flag - BRANCES

XBRANCHES	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	49	1.39
N Original data field was blank	52	1.47
P Imputation for previous nonresponse cell, using prior year data	598	16.95
R Original data value was reported	3527	100.00

Status Flag - CIRTRANS

XCIRTRANS	Frequency	Percent
A Analyst adjusted a reported value	5	0.14
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	65	1.84
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	605	17.15
R Original data value was reported	2848	80.75

Status Flag - CIRTRANS

XCIRTRANS	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	5	0.14
C Analyst corrected a cell that was blank	6	0.17
I Imputation for previous nonresponse cell, non-prior year method	71	2.01
N Original data field was blank	74	2.10
P Imputation for previous nonresponse cell, using prior year data	679	19.25
R Original data value was reported	3527	100.00

Status Flag - COLAUDA

XCOLAUDA	Frequency	Percent
A Analyst adjusted a reported value	5	0.14
I Imputation for previous nonresponse cell, non-prior year method	57	1.62
N Original data field was blank	4	0.11
P Imputation for previous nonresponse cell, using prior year data	702	19.90
R Original data value was reported	2691	76.30
Z Implied reported zero value	68	1.93

Status Flag - COLAUDA

XCOLAUDA	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	5	0.14
I Imputation for previous nonresponse cell, non-prior year method	62	1.76
N Original data field was blank	66	1.87
P Imputation for previous nonresponse cell, using prior year data	768	21.77
R Original data value was reported	3459	98.07
Z Implied reported zero value	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - COLAUDH

XCOLAUDH	Frequency	Percent
A Analyst adjusted a reported value	6	0.17
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	53	1.50
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	613	17.38
R Original data value was reported	2849	80.78
Z Implied reported zero value	1	0.03

Status Flag - COLAUDH

XCOLAUDH	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	6	0.17
C Analyst corrected a cell that was blank	8	0.23
I Imputation for previous nonresponse cell, non-prior year method	61	1.73
N Original data field was blank	64	1.81
P Imputation for previous nonresponse cell, using prior year data	677	19.19
R Original data value was reported	3526	99.97
Z Implied reported zero value	3527	100.00

Status Flag - COLBKPTA

XCOLBKPTA	Frequency	Percent
A Analyst adjusted a reported value	3	0.09
I Imputation for previous nonresponse cell, non-prior year method	58	1.64
N Original data field was blank	7	0.20
P Imputation for previous nonresponse cell, using prior year data	860	24.38
R Original data value was reported	2582	73.21
Z Implied reported zero value	17	0.48

Status Flag - COLBKPTA

XCOLBKPTA	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	3	0.09
I Imputation for previous nonresponse cell, non-prior year method	61	1.73
N Original data field was blank	68	1.93
P Imputation for previous nonresponse cell, using prior year data	928	26.31
R Original data value was reported	3510	99.52
Z Implied reported zero value	3527	100.00

Status Flag - COLBKPTH

XCOLBKPTH	Frequency	Percent
A Analyst adjusted a reported value	4	0.11
I Imputation for previous nonresponse cell, non-prior year method	53	1.50
N Original data field was blank	6	0.17
P Imputation for previous nonresponse cell, using prior year data	809	22.94
R Original data value was reported	2655	75.28

Status Flag - COLBKPTH

XCOLBKPTH	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.11
I Imputation for previous nonresponse cell, non-prior year method	57	1.62
N Original data field was blank	63	1.79
P Imputation for previous nonresponse cell, using prior year data	872	24.72
R Original data value was reported	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - COLBKSA

XCOLBKSA	Frequency	Percent
A Analyst adjusted a reported value	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	56	1.59
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	587	16.64
R Original data value was reported	2865	81.23
Z Implied reported zero value	14	0.40

Status Flag - COLBKSA

XCOLBKSA	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	58	1.64
N Original data field was blank	61	1.73
P Imputation for previous nonresponse cell, using prior year data	648	18.37
R Original data value was reported	3513	99.60
Z Implied reported zero value	3527	100.00

Status Flag - COLBKSH

XCOLBKSH	Frequency	Percent
A Analyst adjusted a reported value	1	0.03
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	52	1.47
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	513	14.54
R Original data value was reported	2957	83.84

Status Flag - COLBKSH

XCOLBKSH	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.03
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	54	1.53
N Original data field was blank	57	1.62
P Imputation for previous nonresponse cell, using prior year data	570	16.16
R Original data value was reported	3527	100.00

Status Flag - COLMICRA

XCOLMICRA	Frequency	Percent
I Imputation for previous nonresponse cell, non-prior year method	79	2.24
N Original data field was blank	4	0.11
P Imputation for previous nonresponse cell, using prior year data	944	26.76
R Original data value was reported	2418	68.56
Z Implied reported zero value	82	2.32

Status Flag - COLMICRA

XCOLMICRA	Cumulative Frequency	Cumulative Percent
I Imputation for previous nonresponse cell, non-prior year method	79	2.24
N Original data field was blank	83	2.35
P Imputation for previous nonresponse cell, using prior year data	1027	29.12
R Original data value was reported	3445	97.68
Z Implied reported zero value	3527	100.00

Status Flag - COLMICRH

XCOLMICRH	Frequency	Percent
A Analyst adjusted a reported value	3	0.09
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	78	2.21
N Original data field was blank	5	0.14
P Imputation for previous nonresponse cell, using prior year data	835	23.67
R Original data value was reported	2603	73.80
Z Implied reported zero value	1	0.03

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

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                        Status Flag - COLMICRH


                                                         Cumulative   Cumulative
XCOLMICRH                                                Frequency     Percent
A Analyst adjusted a reported value                              3       0.09
C Analyst corrected a cell that was blank                        5       0.14
I Imputation for previous nonresponse cell, non-prior year method   83   2.35
N Original data field was blank                                 88       2.50
P Imputation for previous nonresponse cell, using prior year data  923  26.17
R Original data value was reported                            3526      99.97
Z Implied reported zero value                                 3527     100.00


                        Status Flag - COLSERA


XCOLSERA                                                 Frequency     Percent
A Analyst adjusted a reported value                              2       0.06
C Analyst corrected a cell that was blank                        5       0.14
I Imputation for previous nonresponse cell, non-prior year method   57   1.62
N Original data field was blank                                  3       0.09
P Imputation for previous nonresponse cell, using prior year data  654  18.54
R Original data value was reported                            2774      78.65
Z Implied reported zero value                                   32       0.91


                        Status Flag - COLSERA


                                                         Cumulative   Cumulative
XCOLSERA                                                 Frequency     Percent
A Analyst adjusted a reported value                              2       0.06
C Analyst corrected a cell that was blank                        7       0.20
I Imputation for previous nonresponse cell, non-prior year method   64   1.81
N Original data field was blank                                 67       1.90
P Imputation for previous nonresponse cell, using prior year data  721  20.44
R Original data value was reported                            3495      99.09
Z Implied reported zero value                                 3527     100.00


                        Status Flag - COLSERH


XCOLSERH                                                 Frequency     Percent
A Analyst adjusted a reported value                              9       0.26
I Imputation for previous nonresponse cell, non-prior year method   52   1.47
N Original data field was blank                                  3       0.09
P Imputation for previous nonresponse cell, using prior year data  509  14.43
R Original data value was reported                            2951      83.67
Z Implied reported zero value                                    3       0.09


                        Status Flag - COLSERH


                                                         Cumulative   Cumulative
XCOLSERH                                                 Frequency     Percent
A Analyst adjusted a reported value                              9       0.26
I Imputation for previous nonresponse cell, non-prior year method   61   1.73
N Original data field was blank                                 64       1.81
P Imputation for previous nonresponse cell, using prior year data  573  16.25
R Original data value was reported                            3524      99.91
Z Implied reported zero value                                 3527     100.00


                        Status Flag - CUPAMICR


XCUPAMICR                                                Frequency     Percent
A Analyst adjusted a reported value                             16       0.45
C Analyst corrected a cell that was blank                        1       0.03
I Imputation for previous nonresponse cell, non-prior year method   46   1.30
N Original data field was blank                                  3       0.09
P Imputation for previous nonresponse cell, using prior year data  464  13.16
R Original data value was reported                            2973      84.29
Z Implied reported zero value                                   24       0.68
```

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

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                           Status Flag - CUPAMICR


                                                       Cumulative    Cumulative
XCUPAMICR                                              Frequency       Percent
A Analyst adjusted a reported value                          16          0.45
C Analyst corrected a cell that was blank                    17          0.48
I Imputation for previous nonresponse cell, non-prior year method  63    1.79
N Original data field was blank                              66          1.87
P Imputation for previous nonresponse cell, using prior year data  530  15.03
R Original data value was reported                         3503         99.32
Z Implied reported zero value                              3527        100.00


                            Status Flag - DOCDEL


XDOCDEL                                                Frequency       Percent
A Analyst adjusted a reported value                           2          0.06
I Imputation for previous nonresponse cell, non-prior year method  55    1.56
N Original data field was blank                               4          0.11
P Imputation for previous nonresponse cell, using prior year data  797  22.60
R Original data value was reported                         2669         75.67


                            Status Flag - DOCDEL


                                                       Cumulative    Cumulative
XDOCDEL                                                Frequency       Percent
A Analyst adjusted a reported value                           2          0.06
I Imputation for previous nonresponse cell, non-prior year method  57    1.62
N Original data field was blank                              61          1.73
P Imputation for previous nonresponse cell, using prior year data  858  24.33
R Original data value was reported                         3527        100.00


                             Status Flag - EXAUD


XEXAUD                                                 Frequency       Percent
A Analyst adjusted a reported value                           8          0.23
C Analyst corrected a cell that was blank                    13          0.37
I Imputation for previous nonresponse cell, non-prior year method  47    1.33
N Original data field was blank                               3          0.09
P Imputation for previous nonresponse cell, using prior year data  547  15.51
R Original data value was reported                         2845         80.66
Z Implied reported zero value                                64          1.81


                             Status Flag - EXAUD


                                                       Cumulative    Cumulative
XEXAUD                                                 Frequency       Percent
A Analyst adjusted a reported value                           8          0.23
C Analyst corrected a cell that was blank                    21          0.60
I Imputation for previous nonresponse cell, non-prior year method  68    1.93
N Original data field was blank                              71          2.01
P Imputation for previous nonresponse cell, using prior year data  618  17.52
R Original data value was reported                         3463         98.19
Z Implied reported zero value                              3527        100.00


                             Status Flag - EXBIB


XEXBIB                                                 Frequency       Percent
A Analyst adjusted a reported value                           4          0.11
C Analyst corrected a cell that was blank                     5          0.14
I Imputation for previous nonresponse cell, non-prior year method  47    1.33
N Original data field was blank                               3          0.09
P Imputation for previous nonresponse cell, using prior year data  458  12.99
R Original data value was reported                         2865         81.23
Z Implied reported zero value                               145          4.11
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                       Status Flag - EXBIB


                                                        Cumulative   Cumulative
XEXBIB                                                   Frequency     Percent
A Analyst adjusted a reported value                            4        0.11
C Analyst corrected a cell that was blank                      9        0.26
I Imputation for previous nonresponse cell, non-prior year method   56   1.59
N Original data field was blank                               59        1.67
P Imputation for previous nonresponse cell, using prior year data   517  14.66
R Original data value was reported                          3382       95.89
Z Implied reported zero value                               3527      100.00




                       Status Flag - EXCOMP


XEXCOMP                                                  Frequency     Percent
C Analyst corrected a cell that was blank                      4        0.11
I Imputation for previous nonresponse cell, non-prior year method   47   1.33
N Original data field was blank                                3        0.09
P Imputation for previous nonresponse cell, using prior year data   458  12.99
R Original data value was reported                          2893       82.02
Z Implied reported zero value                                122        3.46


                       Status Flag - EXCOMP


                                                        Cumulative   Cumulative
XEXCOMP                                                  Frequency     Percent
C Analyst corrected a cell that was blank                      4        0.11
I Imputation for previous nonresponse cell, non-prior year method   51   1.45
N Original data field was blank                               54        1.53
P Imputation for previous nonresponse cell, using prior year data   512  14.52
R Original data value was reported                          3405       96.54
Z Implied reported zero value                               3527      100.00




                       Status Flag - EXDEL


XEXDEL                                                   Frequency     Percent
A Analyst adjusted a reported value                            2        0.06
C Analyst corrected a cell that was blank                      5        0.14
I Imputation for previous nonresponse cell, non-prior year method   47   1.33
N Original data field was blank                                3        0.09
P Imputation for previous nonresponse cell, using prior year data   459  13.01
R Original data value was reported                          2731       77.43
Z Implied reported zero value                                280        7.94


                       Status Flag - EXDEL


                                                        Cumulative   Cumulative
XEXDEL                                                   Frequency     Percent
A Analyst adjusted a reported value                            2        0.06
C Analyst corrected a cell that was blank                      7        0.20
I Imputation for previous nonresponse cell, non-prior year method   54   1.53
N Original data field was blank                               57        1.62
P Imputation for previous nonresponse cell, using prior year data   516  14.63
R Original data value was reported                          3247       92.06
Z Implied reported zero value                               3527      100.00




                       Status Flag - EXELBKS


XEXELBKS                                                 Frequency     Percent
A Analyst adjusted a reported value                            2        0.06
C Analyst corrected a cell that was blank                      5        0.14
I Imputation for previous nonresponse cell, non-prior year method   47   1.33
N Original data field was blank                                3        0.09
P Imputation for previous nonresponse cell, using prior year data   459  13.01
R Original data value was reported                          2636       74.74
Z Implied reported zero value                                375       10.63
```

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - EXELBKS

XEXELBKS	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.06
C Analyst corrected a cell that was blank	7	0.20
I Imputation for previous nonresponse cell, non-prior year method	54	1.53
N Original data field was blank	57	1.62
P Imputation for previous nonresponse cell, using prior year data	516	14.63
R Original data value was reported	3152	89.37
Z Implied reported zero value	3527	100.00

Status Flag - EXELSER

XEXELSER	Frequency	Percent
A Analyst adjusted a reported value	6	0.17
C Analyst corrected a cell that was blank	4	0.11
I Imputation for previous nonresponse cell, non-prior year method	47	1.33
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	459	13.01
R Original data value was reported	2872	81.43
Z Implied reported zero value	136	3.86

Status Flag - EXELSER

XEXELSER	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	6	0.17
C Analyst corrected a cell that was blank	10	0.28
I Imputation for previous nonresponse cell, non-prior year method	57	1.62
N Original data field was blank	60	1.70
P Imputation for previous nonresponse cell, using prior year data	519	14.72
R Original data value was reported	3391	96.14
Z Implied reported zero value	3527	100.00

Status Flag - EXFUREQP

XEXFUREQP	Frequency	Percent
A Analyst adjusted a reported value	2	0.06
C Analyst corrected a cell that was blank	3	0.09
I Imputation for previous nonresponse cell, non-prior year method	47	1.33
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	458	12.99
R Original data value was reported	2825	80.10
Z Implied reported zero value	189	5.36

Status Flag - EXFUREQP

XEXFUREQP	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.06
C Analyst corrected a cell that was blank	5	0.14
I Imputation for previous nonresponse cell, non-prior year method	52	1.47
N Original data field was blank	55	1.56
P Imputation for previous nonresponse cell, using prior year data	513	14.54
R Original data value was reported	3338	94.64
Z Implied reported zero value	3527	100.00

Status Flag - EXOTHIR

XEXOTHIR	Frequency	Percent
A Analyst adjusted a reported value	3	0.09
C Analyst corrected a cell that was blank	5	0.14
I Imputation for previous nonresponse cell, non-prior year method	47	1.33
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	458	12.99
R Original data value was reported	2588	73.38
Z Implied reported zero value	423	11.99

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - EXOTHIR

XEXOTHIR	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	3	0.09
C Analyst corrected a cell that was blank	8	0.23
I Imputation for previous nonresponse cell, non-prior year method	55	1.56
N Original data field was blank	58	1.64
P Imputation for previous nonresponse cell, using prior year data	516	14.63
R Original data value was reported	3104	88.01
Z Implied reported zero value	3527	100.00

Status Flag - EXOTH2000

XEXOTH2000	Frequency	Percent
A Analyst adjusted a reported value	9	0.26
H Data Suppressed	1380	39.13
I Imputation for previous nonresponse cell, non-prior year method	42	1.19
P Imputation for previous nonresponse cell, using prior year data	214	6.07
R Original data value was reported	1827	51.80
Z Implied reported zero value	55	1.56

Status Flag - EXOTH2000

XEXOTH2000	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	9	0.26
H Data Suppressed	1389	39.38
I Imputation for previous nonresponse cell, non-prior year method	1431	40.57
P Imputation for previous nonresponse cell, using prior year data	1645	46.64
R Original data value was reported	3472	98.44
Z Implied reported zero value	3527	100.00

Status Flag - EXPRES

XEXPRES	Frequency	Percent
A Analyst adjusted a reported value	4	0.11
C Analyst corrected a cell that was blank	3	0.09
I Imputation for previous nonresponse cell, non-prior year method	47	1.33
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	457	12.96
R Original data value was reported	2760	78.25
Z Implied reported zero value	253	7.17

Status Flag - EXPRES

XEXPRES	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.11
C Analyst corrected a cell that was blank	7	0.20
I Imputation for previous nonresponse cell, non-prior year method	54	1.53
N Original data field was blank	57	1.62
P Imputation for previous nonresponse cell, using prior year data	514	14.57
R Original data value was reported	3274	92.83
Z Implied reported zero value	3527	100.00

Status Flag - EXTOT

XEXTOT	Frequency	Percent
A Analyst adjusted a reported value	115	3.26
C Analyst corrected a cell that was blank	3	0.09
I Imputation for previous nonresponse cell, non-prior year method	57	1.62
N Original data field was blank	2	0.06
P Imputation for previous nonresponse cell, using prior year data	448	12.70
R Original data value was reported	2719	77.09
T Total adjusted to equal the sum of detail	183	5.19

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - EXTOT

XEXTOT	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	115	3.26
C Analyst corrected a cell that was blank	118	3.35
I Imputation for previous nonresponse cell, non-prior year method	175	4.96
N Original data field was blank	177	5.02
P Imputation for previous nonresponse cell, using prior year data	625	17.72
R Original data value was reported	3344	94.81
T Total adjusted to equal the sum of detail	3527	100.00

Status flag - EXTOT2000

XEXTOT2000	Frequency	Percent
Blank Value	2093	59.34
I Imputation for previous nonresponse cell, non-prior year method	15	0.43
P Imputation for previous nonresponse cell, using prior year data	26	0.74
R Original data value was reported	1393	39.50

Status flag - EXTOT2000

XEXTOT2000	Cumulative Frequency	Cumulative Percent
Blank Value	2093	59.34
I Imputation for previous nonresponse cell, non-prior year method	2108	59.77
P Imputation for previous nonresponse cell, using prior year data	2134	60.50
R Original data value was reported	3527	100.00

Status flag - EXTOT2000B

XEXTOT2000B	Frequency	Percent
Blank Value	3090	87.61
I Imputation for previous nonresponse cell, non-prior year method	17	0.48
P Imputation for previous nonresponse cell, using prior year data	31	0.88
R Original data value was reported	389	11.03

Status flag - EXTOT2000B

XEXTOT2000B	Cumulative Frequency	Cumulative Percent
Blank Value	3090	87.61
I Imputation for previous nonresponse cell, non-prior year method	3107	88.09
P Imputation for previous nonresponse cell, using prior year data	3138	88.97
R Original data value was reported	3527	100.00

Status flag – EXTOTEG_2000

XEXTOTEG_2000	Frequency	Percent
Blank Value	2041	57.87
I Imputation for previous nonresponse cell, non-prior year method	1	0.03
P Imputation for previous nonresponse cell, using prior year data	11	0.31
R Original data value was reported	1474	41.79

Status flag – EXTOTE_G2000

XEXTOTE_G2000	Cumulative Frequency	Cumulative Percent
Blank Value	2041	57.87
I Imputation for previous nonresponse cell, non-prior year method	2042	57.90
P Imputation for previous nonresponse cell, using prior year data	2053	58.21
R Original data value was reported	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
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Status Flag - FRINGE

XFRINGE	Frequency	Percent
C Analyst corrected a cell that was blank	3	0.09
H Data Suppressed	2058	58.35
N Original data field was blank	8	0.23
P Imputation for previous nonresponse cell, using prior year data	123	3.49
R Original data value was reported	1335	37.85

Status Flag - FRINGE

XFRINGE	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	3	0.09
H Data Suppressed	2061	58.43
N Original data field was blank	2069	58.66
P Imputation for previous nonresponse cell, using prior year data	2192	62.15
R Original data value was reported	3527	100.00

Status Flag - GATECT

XGATECT	Frequency	Percent
A Analyst adjusted a reported value	14	0.40
C Analyst corrected a cell that was blank	4	0.11
I Imputation for previous nonresponse cell, non-prior year method	112	3.18
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	715	20.27
R Original data value was reported	2679	75.96

Status Flag - GATECT

XGATECT	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	14	0.40
C Analyst corrected a cell that was blank	18	0.51
I Imputation for previous nonresponse cell, non-prior year method	130	3.69
N Original data field was blank	133	3.77
P Imputation for previous nonresponse cell, using prior year data	848	24.04
R Original data value was reported	3527	100.00

Status Flag - HOURS

XHOURS	Frequency	Percent
A Analyst adjusted a reported value	4	0.11
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	48	1.36
N Original data field was blank	1	0.03
P Imputation for previous nonresponse cell, using prior year data	455	12.90
R Original data value was reported	3017	85.54

Status Flag - HOURS

XHOURS	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.11
C Analyst corrected a cell that was blank	6	0.17
I Imputation for previous nonresponse cell, non-prior year method	54	1.53
N Original data field was blank	55	1.56
P Imputation for previous nonresponse cell, using prior year data	510	14.46
R Original data value was reported	3527	100.00

Status Flag - ILPNON

XILPNON	Frequency	Percent
A Analyst adjusted a reported value	1	0.03
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	825	23.39
N Original data field was blank	3	0.09
R Original data value was reported	2443	69.27
Z Implied reported zero value	254	7.20

Appendix H—Frequency and Continuous Variable Statistics
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Status Flag - ILPNON

XILPNON	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.03
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	827	23.45
N Original data field was blank	830	23.53
R Original data value was reported	3273	92.80
Z Implied reported zero value	3527	100.00

Status Flag - ILPRET

XILPRET	Frequency	Percent
A Analyst adjusted a reported value	1	0.03
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	827	23.45
N Original data field was blank	3	0.09
R Original data value was reported	2630	74.57
Z Implied reported zero value	65	1.84

Status Flag - ILPRET

XILPRET	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.03
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	829	23.50
N Original data field was blank	832	23.59
R Original data value was reported	3462	98.16
Z Implied reported zero value	3527	100.00

Status Flag - ILPTOT

XILPTOT	Frequency	Percent
A Analyst adjusted a reported value	12	0.34
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	844	23.93
N Original data field was blank	4	0.11
R Original data value was reported	2666	75.59

Status Flag - ILPTOT

XILPTOT	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	12	0.34
C Analyst corrected a cell that was blank	13	0.37
I Imputation for previous nonresponse cell, non-prior year method	857	24.30
N Original data field was blank	861	24.41
R Original data value was reported	3527	100.00

Status Flag - ILRNON

XILRNON	Frequency	Percent
A Analyst adjusted a reported value	2	0.06
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	73	2.07
N Original data field was blank	4	0.11
P Imputation for previous nonresponse cell, using prior year data	710	20.13
R Original data value was reported	2516	71.34
Z Implied reported zero value	220	6.24

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - ILRNON

XILRNON	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.06
C Analyst corrected a cell that was blank	4	0.11
I Imputation for previous nonresponse cell, non-prior year method	77	2.18
N Original data field was blank	81	2.30
P Imputation for previous nonresponse cell, using prior year data	791	22.43
R Original data value was reported	3307	93.76
Z Implied reported zero value	3527	100.00

Status Flag - ILRRET

XILRRET	Frequency	Percent
A Analyst adjusted a reported value	2	0.06
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	73	2.07
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	710	20.13
R Original data value was reported	2682	76.04
Z Implied reported zero value	55	1.56

Status Flag - ILRRET

XILRRET	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.06
C Analyst corrected a cell that was blank	4	0.11
I Imputation for previous nonresponse cell, non-prior year method	77	2.18
N Original data field was blank	80	2.27
P Imputation for previous nonresponse cell, using prior year data	790	22.40
R Original data value was reported	3472	98.44
Z Implied reported zero value	3527	100.00

Status Flag - ILRTOT

XILRTOT	Frequency	Percent
A Analyst adjusted a reported value	13	0.37
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	67	1.90
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	647	18.34
R Original data value was reported	2796	79.27

Status Flag - ILRTOT

XILRTOT	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	13	0.37
C Analyst corrected a cell that was blank	14	0.40
I Imputation for previous nonresponse cell, non-prior year method	81	2.30
N Original data field was blank	84	2.38
P Imputation for previous nonresponse cell, using prior year data	731	20.73
R Original data value was reported	3527	100.00

Status Flag - IRPAMICR

XIRPAMICR	Frequency	Percent
A Analyst adjusted a reported value	26	0.74
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	46	1.30
N Original data field was blank	3	0.09
P Imputation for previous nonresponse cell, using prior year data	475	13.47
R Original data value was reported	2963	84.01
Z Implied reported zero value	13	0.37

```
                      Status Flag - IRPAMICR


                                                     Cumulative  Cumulative
XIRPAMICR                                            Frequency     Percent
A Analyst adjusted a reported value                        26        0.74
C Analyst corrected a cell that was blank                  27        0.77
I Imputation for previous nonresponse cell, non-prior year method
                                                           73        2.07
N Original data field was blank                            76        2.15
P Imputation for previous nonresponse cell, using prior year data
                                                          551       15.62
R Original data value was reported                       3514       99.63
Z Implied reported zero value                            3527      100.00



                      Status Flag - PRESEN


XPRESEN                                              Frequency     Percent
A Analyst adjusted a reported value                         2        0.06
C Analyst corrected a cell that was blank                   1        0.03
I Imputation for previous nonresponse cell, non-prior year method
                                                           60        1.70
N Original data field was blank                             3        0.09
P Imputation for previous nonresponse cell, using prior year data
                                                          583       16.53
R Original data value was reported                       2878       81.60


                      Status Flag - PRESEN


                                                     Cumulative  Cumulative
XPRESEN                                              Frequency     Percent
A Analyst adjusted a reported value                         2        0.06
C Analyst corrected a cell that was blank                   3        0.09
I Imputation for previous nonresponse cell, non-prior year method
                                                           63        1.79
N Original data field was blank                            66        1.87
P Imputation for previous nonresponse cell, using prior year data
                                                          649       18.40
R Original data value was reported                       3527      100.00


                      Status Flag - REFTRANS


XREFTRANS                                            Frequency     Percent
A Analyst adjusted a reported value                         7        0.20
C Analyst corrected a cell that was blank                   3        0.09
I Imputation for previous nonresponse cell, non-prior year method
                                                           82        2.32
N Original data field was blank                             3        0.09
P Imputation for previous nonresponse cell, using prior year data
                                                          600       17.01
R Original data value was reported                       2832       80.29


                      Status Flag - REFTRANS


                                                     Cumulative  Cumulative
XREFTRANS                                            Frequency     Percent
A Analyst adjusted a reported value                         7        0.20
C Analyst corrected a cell that was blank                  10        0.28
I Imputation for previous nonresponse cell, non-prior year method
                                                           92        2.61
N Original data field was blank                            95        2.69
P Imputation for previous nonresponse cell, using prior year data
                                                          695       19.71
R Original data value was reported                       3527      100.00


                      Status Flag - STASST


XSTASST                                              Frequency     Percent
A Analyst adjusted a reported value                        25        0.71
C Analyst corrected a cell that was blank                  11        0.31
I Imputation for previous nonresponse cell, non-prior year method
                                                           53        1.50
N Original data field was blank                             1        0.03
P Imputation for previous nonresponse cell, using prior year data
                                                          408       11.57
R Original data value was reported                       2971       84.24
Z Implied reported zero value                              58        1.64
```

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - STASST

XSTASST	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	25	0.71
C Analyst corrected a cell that was blank	36	1.02
I Imputation for previous nonresponse cell, non-prior year method	89	2.52
N Original data field was blank	90	2.55
P Imputation for previous nonresponse cell, using prior year data	498	14.12
R Original data value was reported	3469	98.36
Z Implied reported zero value	3527	100.00

Status Flag - STCONSRV

XSTCONSRV	Frequency	Percent
A Analyst adjusted a reported value	1	0.03
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	42	1.19
N Original data field was blank	1	0.03
P Imputation for previous nonresponse cell, using prior year data	408	11.57
R Original data value was reported	2615	74.14
Z Implied reported zero value	459	13.01

Status Flag - STCONSRV

XSTCONSRV	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.03
C Analyst corrected a cell that was blank	2	0.06
I Imputation for previous nonresponse cell, non-prior year method	44	1.25
N Original data field was blank	45	1.28
P Imputation for previous nonresponse cell, using prior year data	453	12.84
R Original data value was reported	3068	86.99
Z Implied reported zero value	3527	100.00

Status Flag - STLIBPRO

XSTLIBPRO	Frequency	Percent
A Analyst adjusted a reported value	106	3.01
C Analyst corrected a cell that was blank	3	0.09
I Imputation for previous nonresponse cell, non-prior year method	42	1.19
N Original data field was blank	1	0.03
P Imputation for previous nonresponse cell, using prior year data	407	11.54
R Original data value was reported	2968	84.15

Status Flag - STLIBPRO

XSTLIBPRO	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	106	3.01
C Analyst corrected a cell that was blank	109	3.09
I Imputation for previous nonresponse cell, non-prior year method	151	4.28
N Original data field was blank	152	4.31
P Imputation for previous nonresponse cell, using prior year data	559	15.85
R Original data value was reported	3527	100.00

Status Flag - STLIBS

XSTLIBS	Frequency	Percent
A Analyst adjusted a reported value	8	0.23
C Analyst corrected a cell that was blank	1	0.03
I Imputation for previous nonresponse cell, non-prior year method	42	1.19
N Original data field was blank	1	0.03
P Imputation for previous nonresponse cell, using prior year data	407	11.54
R Original data value was reported	3064	86.87
Z Implied reported zero value	4	0.11

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - STLIBS

XSTLIBS	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	8	0.23
C Analyst corrected a cell that was blank	9	0.26
I Imputation for previous nonresponse cell, non-prior year method	51	1.45
N Original data field was blank	52	1.47
P Imputation for previous nonresponse cell, using prior year data	459	13.01
R Original data value was reported	3523	99.89
Z Implied reported zero value	3527	100.00

Status Flag - STOTH

XSTOTH	Frequency	Percent
A Analyst adjusted a reported value	33	0.94
C Analyst corrected a cell that was blank	70	1.98
I Imputation for previous nonresponse cell, non-prior year method	67	1.90
N Original data field was blank	1	0.03
P Imputation for previous nonresponse cell, using prior year data	408	11.57
R Original data value was reported	2873	81.46
Z Implied reported zero value	75	2.13

Status Flag - STOTH

XSTOTH	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	33	0.94
C Analyst corrected a cell that was blank	103	2.92
I Imputation for previous nonresponse cell, non-prior year method	170	4.82
N Original data field was blank	171	4.85
P Imputation for previous nonresponse cell, using prior year data	579	16.42
R Original data value was reported	3452	97.87
Z Implied reported zero value	3527	100.00

Status Flag - STOTHPRO

XSTOTHPRO	Frequency	Percent
A Analyst adjusted a reported value	10	0.28
C Analyst corrected a cell that was blank	4	0.11
I Imputation for previous nonresponse cell, non-prior year method	42	1.19
N Original data field was blank	1	0.03
P Imputation for previous nonresponse cell, using prior year data	407	11.54
R Original data value was reported	2855	80.95
Z Implied reported zero value	208	5.90

Status Flag - STOTHPRO

XSTOTHPRO	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	10	0.28
C Analyst corrected a cell that was blank	14	0.40
I Imputation for previous nonresponse cell, non-prior year method	56	1.59
N Original data field was blank	57	1.62
P Imputation for previous nonresponse cell, using prior year data	464	13.16
R Original data value was reported	3319	94.10
Z Implied reported zero value	3527	100.00

Status Flag - STTOT2000

XSTTOT2000	Frequency	Percent
A Analyst adjusted a reported value	103	2.92
C Analyst corrected a cell that was blank	3	0.09
I Imputation for previous nonresponse cell, non-prior year method	42	1.19
N Original data field was blank	1	0.03
P Imputation for previous nonresponse cell, using prior year data	408	11.57
R Original data value was reported	2934	83.19
T Total adjusted to equal the sum of detail	36	1.02

Appendix H—Frequency and Continuous Variable Statistics
Academic Library Survey (ALS) 2000—Public-use

Status Flag - STTOT2000

XSTTOT2000	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	103	2.92
C Analyst corrected a cell that was blank	106	3.01
I Imputation for previous nonresponse cell, non-prior year method	148	4.20
N Original data field was blank	149	4.22
P Imputation for previous nonresponse cell, using prior year data	557	15.79
R Original data value was reported	3491	98.98
T Total adjusted to equal the sum of detail	3527	100.00

Status Flag - SWASST

XSWASST	Frequency	Percent
A Analyst adjusted a reported value	12	0.34
C Analyst corrected a cell that was blank	7	0.20
H Data Suppressed	1588	45.02
I Imputation for previous nonresponse cell, non-prior year method	69	1.96
P Imputation for previous nonresponse cell, using prior year data	185	5.25
R Original data value was reported	1666	47.24

Status Flag - SWASST

XSWASST	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	12	0.34
C Analyst corrected a cell that was blank	19	0.54
H Data Suppressed	1607	45.56
I Imputation for previous nonresponse cell, non-prior year method	1676	47.52
P Imputation for previous nonresponse cell, using prior year data	1861	52.76
R Original data value was reported	3527	100.00

Status Flag - SWLIBPRO

XSWLIBPRO	Frequency	Percent
A Analyst adjusted a reported value	50	1.42
C Analyst corrected a cell that was blank	3	0.09
H Data Suppressed	1177	33.37
I Imputation for previous nonresponse cell, non-prior year method	20	0.57
N Original data field was blank	1	0.03
P Imputation for previous nonresponse cell, using prior year data	237	6.72
R Original data value was reported	2039	57.81

Status Flag - SWLIBPRO

XSWLIBPRO	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	50	1.42
C Analyst corrected a cell that was blank	53	1.50
H Data Suppressed	1230	34.87
I Imputation for previous nonresponse cell, non-prior year method	1250	35.44
N Original data field was blank	1251	35.47
P Imputation for previous nonresponse cell, using prior year data	1488	42.19
R Original data value was reported	3527	100.00

Status Flag - SWOTH

XSWOTH	Frequency	Percent
A Analyst adjusted a reported value	15	0.43
C Analyst corrected a cell that was blank	6	0.17
H Data Suppressed	1420	40.26
I Imputation for previous nonresponse cell, non-prior year method	27	0.77
P Imputation for previous nonresponse cell, using prior year data	164	4.65
R Original data value was reported	1895	53.73

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Status Flag - SWOTH

XSWOTH	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	15	0.43
C Analyst corrected a cell that was blank	21	0.60
H Data Suppressed	1441	40.86
I Imputation for previous nonresponse cell, non-prior year method	1468	41.62
P Imputation for previous nonresponse cell, using prior year data	1632	46.27
R Original data value was reported	3527	100.00

Status flag - TFTFAC11_12M

XTFTFAC11_12M	Frequency	Percent
Blank Value	201	5.70
A Analyst adjusted a reported value	28	0.79
C Analyst corrected a cell that was blank	38	1.08
I Imputation for previous nonresponse cell, non-prior year method	61	1.73
N Original data field was blank	123	3.49
P Imputation for previous nonresponse cell, using prior year data	61	1.73
R Original data value was reported	1779	50.44
T Total adjusted to equal the sum of detail	250	7.09
Z Implied reported zero value	986	27.96

Status flag - TFTFAC11_12M

XTFTFAC11_12M	Cumulative Frequency	Cumulative Percent
Blank Value	201	5.70
A Analyst adjusted a reported value	229	6.49
C Analyst corrected a cell that was blank	267	7.57
I Imputation for previous nonresponse cell, non-prior year method	328	9.30
N Original data field was blank	451	12.79
P Imputation for previous nonresponse cell, using prior year data	512	14.52
R Original data value was reported	2291	64.96
T Total adjusted to equal the sum of detail	2541	72.04
Z Implied reported zero value	3527	100.00

Status flag - TFTFAC9_10M

XTFTFAC9_10M	Frequency	Percent
Blank Value	201	5.70
A Analyst adjusted a reported value	39	1.11
C Analyst corrected a cell that was blank	13	0.37
I Imputation for previous nonresponse cell, non-prior year method	61	1.73
N Original data field was blank	100	2.84
P Imputation for previous nonresponse cell, using prior year data	61	1.73
R Original data value was reported	2254	63.91
T Total adjusted to equal the sum of detail	290	8.22
Z Implied reported zero value	508	14.40

Status flag - TFTFAC9_10M

XTFTFAC9_10M	Cumulative Frequency	Cumulative Percent
Blank Value	201	5.70
A Analyst adjusted a reported value	240	6.80

Status flag - TFTFAC9_10M

XTFTFAC9_10M	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	253	7.17
I Imputation for previous nonresponse cell, non-prior year method	314	8.90
N Original data field was blank	414	11.74
P Imputation for previous nonresponse cell, using prior year data	475	13.47
R Original data value was reported	2729	77.37
T Total adjusted to equal the sum of detail	3019	85.60
Z Implied reported zero value	3527	100.00

Appendix H—Frequency and Continuous Variable Statistics
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Postal Zip code PLUS 4

ZIP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid Value	3527	100.00	3527	100.00

Postal Zip code PLUS 4

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ALS:2000 Public-use file continuous variable statistics

VARIABLE	VARIABLE LABEL	N	MEAN	STD DEV	MINIMUM	MAXIMUM
ASSOCDEG	Total number of associate's degrees from Completions	2,360	316.60	442.15	0	4,284
ATTEND	Total attendance at all presentations	3,527	2,127.31	5,788.75	0	248,734
BACHDEG	Total number of bachelor's degrees from Completions	1,885	650.02	1,019.50	0	9,061
BRANCHES	Number of Branch and Independent Libraries	3,527	0.82	2.53	0	87
CIRTRANS	Circulation transactions	3,527	54,993.72	156,987.67	0	2,486,850
COLAUDA	Number of units (audiovisual materials) added	3,527	802.57	5,961.00	0	214,270
COLAUDH	Number of units (audiovisual materials) held	3,527	24,825.20	175,848.56	0	3,814,844
COLBKPTA	Number of titles (books-paper) added	3,527	4,883.11	24,376.18	0	1,215,159
COLBKPTH	Number of titles (books-paper) held	3,527	148,954.24	338,802.45	0	5,000,000
COLBKSA	Number of volumes (books-paper) added	3,527	6,928.19	18,470.22	0	289,322
COLBKSH	Number of volumes (books-paper) held	3,527	259,015.31	735,221.95	0	14,437,361
COLMICRA	Number of units (books-microforms) added	3,527	9,799.88	42,603.57	0	1,210,900
COLMICRH	Number of units (books-microforms) held	3,527	315,139.42	854,359.72	0	9,547,903
COLSERA	Number of units (current serial subscriptions) added	3,527	162.33	1,164.51	0	51,443
COLSERH	Number of units (current serial subscriptions) held	3,527	2,126.42	12,238.11	0	433,829
CUPAMICR	Expenditures for current serials: paper and microform	3,527	268,204.63	774,352.78	0	8,533,502
DOCDEL	Documents delivered from commercial services	3,527	348.45	3,780.19	0	155,476
DOCTDEG	Total number of doctor's degrees from Completions	506	86.89	133.29	0	756
EXAUD	Expenditures for audiovisual materials	3,527	9,084.11	22,767.89	0	836,583
EXBIB	Exp for bibliographic utilities, networks, and consortia	3,527	25,598.00	57,550.85	0	1,224,511
EXCOMP	Expenditures for computer hardware and software	3,527	45,502.79	153,057.28	0	3,560,651
EXDEL	Expenditures for document delivery/interlibrary loan	3,527	5,824.52	23,150.71	0	414,233
EXELBKS	Expenditure - Electronic Books	3,527	9,608.40	66,390.17	0	1,804,503
EXELSER	Expenditures for current serials: electronic	3,527	57,795.61	161,754.26	0	1,998,644
EXFUREQP	Expenditures for furniture and equipment	3,527	18,003.57	74,476.13	0	2,351,267
EXOTHIR	Expenditures for other materials	3,527	9,747.86	80,778.53	0	1,728,658
EXOTH2000	All other operating expenditures	2,147	137,606.48	567,847.83	0	16,569,567
EXPRES	Expenditures for preservation	3,527	12,427.44	48,339.35	0	838,345
EXTOT	Total expenditures	3,527	1,424,990.96	3,842,531.44	0	80,862,137
EXTOT2000	Total expenses 2000	1,434	55,449,835.12	190,192,486.06	0	3,009,889,000
EXTOT2000B	Total expenses 2000	437	6,700,615.74	8,955,516.19	0	71,755,212
EXTOTE_G2000	Total educational & general expenditures 2000	1,486	82,919,315.50	165,921,907.95	0	1,700,745,000
FTGS9899	Full-time graduate students 1998-99	1,409	705.97	1,365.02	1	11,219
FTUS9899	Full-time undergraduate students 1998-99	3,258	2,265.09	3,486.78	2	33,480
GATECT	Gate count in a typical week	3,527	4,665.90	8,262.02	0	98,804
HOURS	Hours open in a typical week	3,527	76.55	20.78	0	168
ILPNON	Interlib loans to othr lib-non-return	3,527	1,382.57	5,264.35	0	191,283
ILPRET	Interlib loans to othr lib-returnable	3,527	1,309.25	3,249.12	0	42,894
ILPTOT	Interlib loans to othr lib-total	3,527	2,691.81	7,656.04	0	233,783
ILRNON	Interlib loans from othr lib-non-return	3,527	1,179.92	3,017.49	0	46,282
ILRRET	Interlib loans from othr lib-returnable	3,527	1,002.02	2,765.89	0	49,779
ILRTOT	Interlib loans from othr lib-total	3,527	2,181.94	5,270.30	0	76,600
IRPAMICR	Expenditures for books - paper and microform	3,527	156,536.30	457,339.01	0	9,976,134
IRPAMICR	Expenditures for books - paper and microform	3,527	156,536.30	457,339.01	0	9,976,134
MASTDEG	Total number of master's degrees from Completions	1,371	327.81	512.77	0	5,128
PCTMIN1	Percent black, non-Hispanic	3,483	11.93	17.62	0	99
PCTMIN2	Percent American Indian/Alaskan Native	3,483	1.68	8.48	0	99
PCTMIN3	Percent Asian/Pacific Islander	3,483	4.30	7.94	0	90
PCTMIN4	Percent Hispanic	3,483	6.46	11.31	0	97
PRESEN	Number of presentations during the fiscal year	3,527	122.61	265.45	0	9,323
PROFDEG	Total number of first prof degrees from Completions	465	168.19	168.37	0	883

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VARIABLE	VARIABLE LABEL	N	MEAN	STD DEV	MINIMUM	MAXIMUM
PTGS9899	Part-time graduate students 1998-99	1,387	740.08	1,103.66	1	8,855
PTUS9899	Part-time undergraduate students 1998-99	2,997	1,601.64	2,785.51	1	33,791
REFTRANS	Reference transactions in a typical week	3,527	448.65	1,458.84	0	54,963
STASST	Student Assistants	3,527	7.52	15.77	0	203
STCONSRV	Contributed services staff	3,527	0.06	0.67	0	34
STLIBPRO	Staff - Total Librarians and Other Professional Staff	3,527	8.79	20.30	0	485
STLIBS	Staff - Librarians	3,527	7.13	15.03	0	387
STOTH	All Other Paid Staff	3,527	10.75	28.62	0	702
STOTHPRO	Staff - Other Professional Staff	3,527	1.66	7.75	0	284
STTOT2000	Total Full Time Equivalent Staff	3,527	27.12	60.81	0	1,328
SWASST	Salary & Wage - Student Assistant	1,939	112,901.79	243,556.50	0	4,235,451
SWLIBPRO	Salary & Wage - Librarian and Other Professional Staff	2,350	546,759.64	1,134,219.47	0	25,129,218
SWOTH	Salary & Wage - Other Paid Staff	2,107	440,054.69	964,103.00	1,745	16,703,295
TFTFAC11_12M	Total FT faculty on 11/12 month contract	3,203	21.38	64.13	0	1,483
TFTFAC9_10M	Total FT faculty on 9/10 month contract	3,226	119.63	193.06	0	2,134
TOTENR9899	Total enrollment 1998-99	3,482	4,078.40	6,062.88	1	48,906