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NCES 2008-318

Data File and Documentation, Public Use: Academic Libraries Survey (ALS): Fiscal Year 1996



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Contents

Acknowledgments.....	iii
List of Tables	vi
I. Introduction.....	1
A. History of the Academic Libraries Survey	1
B. NCES Academic Library's Universe Survey 1996.....	1
C. Data Confidentiality	3
D. Information included in the Academic Libraries Survey Data Collection	4
E. Uses of the Academic Libraries Survey Data	4
II. Methodology	7
A. Data Collection.....	7
B. Coverage and Response Rate	7
III. User's Guide for Processing the Academic Library Universe Survey Data	9
A. Data Files	9
B. Record Identifier (UNITID).....	10
C. Imputation Status Flags	10
D. Parent/Child (Branch) Records	10
E. Changes in Survey Questions and Variables	12
F. Institutions Eligible to Participating in the Survey	12

Appendixes

Appendix A—Glossary	A-1
Appendix B—Record Layout	B-1
Appendix C—Survey Instrument.....	C-1
Appendix D—Edits and Imputations.....	D-1
Appendix E—Frequency Statistics.....	E-1

List of Tables

Table 1. Academic Libraries Survey Respondents by Category: 1996	11
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I. Introduction

The purpose of this document is to report the procedures and methodologies employed during the Academic Library Survey of 1996. This document is designed to provide guidance and documentation for users of the public-use data file. Information about the universe of academic libraries and how to access this information are included in this document.

A. History of the Academic Libraries Survey

The Academic Libraries 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, and 1996 as part of the Integrated Postsecondary Education Data System (IPEDS).

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 have provided substantial assistance and guidance for the collection 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 IPEDS¹ data coordinators in collecting library data.

B. NCES Academic Libraries' Universe Survey 1996

This documentation describes the Academic Libraries Survey (ALS) data file for the 1996 fiscal year.

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 provide postsecondary education as their primary purpose. The IPEDS system is built around a series of interrelated surveys to collect institution-level data about institution attributes, enrollment, program completions, faculty, staff, and finances throughout the United States and the outlying areas.

Library Universe Frame

The 1996 IPEDS Academic Libraries Survey file consist of 3,869 institutions.

Of the 3,869 institutions, 174 are “child” institutions, which have no library of their own but shared a library with a “parent” institution. All library data fields for these 174 “child” institutions are blank. Data for the “child” institutions were provided by the “parent” institution. The variable UNITIDX can be used to link the “child” institutions to the “parent” institutions.

The definition of academic library used in previous academic library surveys was not changed in 1996. The definition below was included as part of the survey form.

- 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.)

Some branch institutions may be defined as “child” institutions or as independent branches. If defined as a “child,” the library will have its data reported with and stored in the library record of the designated “parent” institution. In this case, the “parent” library is the main or central library. The ALS record for the “child” library will not contain specific information about library operations. The parent/child designation is used for the sole purpose of reporting data. The parent library reports aggregated data for all its “child” libraries.

It should 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.

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.²

In cases where a library is shared, the ALS data file will contain a record for each academic institution that shares the library facility. However, information regarding the sharing of library facilities is not available, in some cases, because institutions did not respond to the pertinent questions.

C. Data Confidentiality

Several laws (see <http://nces.ed.gov/StatProg/confproc.asp>) govern the protection of the confidentiality of individually identifiable information collected by the National Center for Education Statistics. For these reasons, 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. Data on the public-use files have been modified so that individual respondents cannot be identified. (For obtaining the public-use data and corresponding documentation, see the website http://nces.ed.gov/surveys/libraries/aca_data.asp). 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/confid.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. For libraries where Librarians and Other Professional Staff (LB2) is less than or equal to 2.00 FTE, expenditures data for Librarians and Other Professional Staff (LC7) have been removed. Similarly, expenditures data for All Other Paid Staff (LB3) and Student Assistants (LB5) have been removed for those libraries where All Other Paid Staff and Student Assistants respectively are less than or equal to 2.00 FTE. In addition, the expenditures data for Employee Fringe Benefits Paid by Library (LC23) have been removed to prevent users from inferring these data.

² Researchers can, therefore, merge data from the various IPEDS components (enrollment, degrees awarded, etc.) to ALS (and vice versa) using this field.

The library's Total Operating Expenditures, 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.

D. Information included in the Academic Libraries Survey Data Collection

The academic library data on this data file are for fiscal year completed in 1996 and include library operating expenditures, library collection, and library loan transactions. 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. The actual fiscal year dates vary among institutions, but it usually ends before October 1.

A number of variables from the IPEDS 1995-1996 data files are included on the ALS 1996 data file to describe the characteristics of institutions associated with the libraries on this data file.

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

This technical documentation focuses on information from a census of academic libraries in 1996. 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. The data user should be especially cautious in using data at a level of detail where the nonresponse rate is 15 percent or greater.

E. Uses of the Academic Libraries 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 Libraries Survey data have been used by federal, state, and other policy related program personnel, the United States 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 such practical purposes as examining factors related to the academic quality of institutions. Other uses of the ALS survey data are listed below.

- Examination 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. Data Collection

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.

The Academic Library Survey data are collected and processed by the U.S. Bureau of Census Government Division, for NCES. In 1990, an NCES/IPEDS Academic Library Survey improvement project was begun with the assistance of the National Commission on Libraries and Information Science (NCLIS) and the American Library Association’s Office of Research and Statistics (ALA- ORS). The project identified a librarian in each state to work with IPEDS Coordinators in submitting library data to NCES. For the 1990, 1992, 1994, and 1996 data collections, many of those library representatives took major responsibility for collecting data in their state. Others were available to promote prompt responses from librarians and to assist in problem resolution when anomalies were discovered in completed questionnaires.

The project also assisted NCES in developing microcomputer software package IDEALS for use by states in reporting library data to NCES. Academic librarians within each state completed hard copy forms as in the past and returned them to the state’s library representative or the IPEDS Coordinator. States were given the option of submitting the library forms to NCES, but were encouraged to enter those data into IDEALS and submit the data on diskette to NCES.

The IDEALS package features some internal consistency edit checks as well as a few range checks and summation checks. Library representatives at the state level could run edit/error reports and make corrections before submitting the data on diskette to NCES.

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

B. Coverage and Response Rate

Of the 3,869 institutions included in the 1996 Academic Library Survey universe, responses were received for the survey from 3,656 institutions, yielding a response rate of 94.5 percent. The 213 or 5.5 percent non-responding institutions are identified with the RSTATUS variable value equal to 4. The records for these 213 unit non-respondents were imputed and are included on the data file.

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/>.

The ALS 1996 data files are named as follows.

1. Tab delimited ASCII (flat file) format:
ALS_1996_P.1.A.TXT (Public Use)
2. MS ACCESS database:
ALS_1996_P.1.A.MDB (Public Use)

The **file naming and versioning** convention applied for the ALS 1996 file is as follows:

- Position 1-3: Survey (ALS)
- Position 4: Underscore (_)
- Position 5-8: Year (1996)
- Position 9: Underscore (_)
- Position 10: Public-use (P) or Restricted-use (R)
- Position 11: Period (.)
- Position 12: Release status (preliminary = 0, final = 1³, final = 2⁴)
- Position 13: Period (.)
- Position 14: subsequent versions, beginning with A (A - Z)

SAS program syntax file to create SAS data file for analysis is available on the same web page on which the data is available.⁵ This program contains all the format, variable, and value label information necessary for creating a complete master file of all variables and data. The syntax file also contains 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:

The SAS program to read the public-use file is Read_ALS_1996_P.1.A.SAS.TXT

³ Release status final = 1 includes data for outlying areas, 50 states, and the District of Columbia.

⁴ Release status final = 2 includes data only on institutions within the 50 states and the District of Columbia.

⁵ SAS program syntax programs, rather than system files, are provided with a view to transcending problems related to changes in software versions.

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

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. ALS 1996 defined UNITID in character format 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 in character format. However, it is important to note that IPEDS defines UNITID as numeric and hence to merge the ALS and IPEDS data files, the analyst must first make the UNITIDs of consistent format.

C. Imputation Status Flags

All variables were imputed for 213 non-responding libraries of the 3,869 institutions in the Academic Library Survey file. Responses on particular variables were also imputed for partial respondents. An imputation "status" flag shows whether or not a variable was imputed. The naming convention for these flags is an "I" or "X" followed by the variable name. The following are the status flag descriptions used in this data file.

- N – Original data field was blank (nonresponse)
- R – Original data value was a reported value, including reported zero
- A – Analyst adjusted a reported value
- C – Analyst corrected a cell that was previously a nonresponse
- P – Imputation for a cell that was previously a nonresponse, using prior year data as the base for imputation
- Q – Imputation for a cell that was previously reported, using prior year data as the base for imputation
- I – Imputation for a cell that was previously a nonresponse, using a method other than prior year
- J – Data adjusted in scan edits in Jeffersonville
- X – Imputation for a cell that was previously reported, using a method other than prior year
- S – Details are adjusted (raked) to sum to the total
- T – Total adjusted to equal the sum of the detail
- Z – Implied reported zero
- H – Data suppressed to assure confidentiality (public use file only)

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 103 parent institutions that have children (i.e., 103 parent institutions have one or more child institution(s) associated with them in the ALS 1996). There are 174 child institutions associated with these parents that are retained on the data file.

The variable PARCHILD (parent/child indicator) indicates an institution’s parent/child status. A ‘1’ indicates a parent institution; a ‘2’ indicates a child institution; and, a blank indicates no response, meaning the institution is neither a parent nor a child. To remove child institutions from any analysis file, select institutions with the PARCHILD variable not equal to 2. Child institutions are linked to their parent by the variable UNITIDX, which contains the UNITID of the parent institution. For parent institutions, UNITIDX contains its UNITID.

Prior to 1996, the variable RSTATUS was used to indicate both response status and parent/child relationship. The variable, PARCHILD, was introduced in 1996 to show parent/child relationship. The addition of the PARCHILD variable resulted in RSTATUS values 2 and 5 being unneeded on the 1996 Academic Library file. RSTATUS value 3 indicates that an institution did not respond to the 1996 Academic Library Survey and has not been imputed. This value of RSTATUS is used only on the preliminary file, prior to imputation, and is no longer needed or used on the final file.

The institutional records fall into the following response categories (RSTATUS) and parent/child categories (PARCHILD) for the 1996 IPEDS Academic Library Survey is shown in Table-1.

Table 1. Academic Library Survey Respondents by Category: 1996

RSTATUS – 1	Academic library respondent – 3,656
RSTATUS - 4	Institutions did not respond to the 1996 Academic Library Survey and was imputed – 213 (an RSTATUS of 3 on the unimputed file is changed to 4 after imputation).
PARCHILD - 1	Joint library respondents (parent institutions) – 103 (formerly RSTATUS = 5)
PARCHILD - 2	Institution has no library of its own but provides support to, and uses the academic library of, another institution. The host institution is identified by the UNITIDX and has a PARCHILD value equal to 1 – 174 (formerly RSTATUS = 2)

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. These changes reflect the extensive changes in library services that occurred with regard to the development of electronic media.

Users of this data file should consult the relevant variable list in the Record Layout (Appendix B).

F. Institutions Eligible to Participating in the Survey

The institutions represented on this data file are distributed as follows:

3,869 total number of institutions included in the ALS 1996 data file

174 child institutions (data reported by parents)
103 parent institutions
3592 institutions that are neither child nor parent

213 non-responding institutions, records imputed
3656 institutions responded to the survey⁶

77 institutions in the outlying areas
3792 institutions in the 50 states and DC

3752 institutions eligible for Title IV participation
117 institutions ineligible for Title IV participation

11 U.S. military institutions
3858 U.S. non-military institutions

⁶ Although there were 225 institutions that initially refused to participate in the survey (variable value REFUSAL=1), 12 of those institutions did complete the survey, based on the response status variable value (RSTATUS=1).

APPENDIX A—Glossary
Academic Libraries Survey (ALS) 1996

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

APPENDIX A—Glossary

Academic Libraries Survey (ALS) 1996

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: These include all expenditures not reported elsewhere in this part of the survey (excluding expenditures for employee fringe benefits).

Audio-visual materials: These are library materials that are displayed by visual projections or magnification or through sound reproduction.

Bibliographic utilities, networks and consortia expenditures: 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):

- 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 1994 classification system created by the Carnegie Foundation for the Advancement of Teaching is included in the Directory 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

APPENDIX A—Glossary

Academic Libraries Survey (ALS) 1996

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 Directory, are explained below:

RESEARCH UNIVERSITIES I (RES 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.

RESEARCH UNIVERSITIES II (RES 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.

DOCTORAL UNIVERSITIES I (DOC 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.

DOCTORAL UNIVERSITIES II (DOC 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.

MASTER'S (COMPREHENSIVE) UNIVERSITIES AND COLLEGES I (MAST 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.

MASTER'S (COMPREHENSIVE) UNIVERSITIES AND COLLEGES II (MAST 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.

BACCALAUREATE (LIBERAL ARTS) COLLEGES I (BACC 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.

APPENDIX A—Glossary

Academic Libraries Survey (ALS) 1996

BACCALAUREATE COLLEGES II (BACC 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.

ASSOCIATE OF ARTS COLLEGES (AA): 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.

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

(MED): 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.

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

(ENG): 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.

(BUS): 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.

(FINE ARTS): 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.

(LAW): 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.

(TEACH): Teachers colleges: Institutions in this category award most of their bachelor's or graduate degrees in education or education-related fields.

(OTHER): Other specialized institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.

APPENDIX A—Glossary

Academic Libraries Survey (ALS) 1996

(TRIBAL): 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.

(NEW): New schools: Newly accredited institutions for which insufficient data were available to classify into one of the aforementioned.

Child Institution: A “child” institution does not respond directly to the ALS or IPEDS data collections. The data for such an institution is aggregated with and reported by its “parent” institution. 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 expenditures: 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: 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: These include fees paid for photocopies, costs of facsimile transmission, royalties, and access fees paid to bibliographic utilities.

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).

APPENDIX A—Glossary

Academic Libraries Survey (ALS) 1996

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: 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: 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: 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: This is the FTE (Full Time Equivalent) count of professional staff other than Librarians. 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).

APPENDIX A—Glossary

Academic Libraries Survey (ALS) 1996

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: 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: 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.

Student assistants (FTE): 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: This includes the sum of all expenditures listed in the expenditures section of the survey.

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

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

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
UNITID	06	Character	This is a unique identifier for each institution
INSTNM	50	Character	Institution (entity) name
CITY	20	Character	City
STABBR	02	Character	Post Office Code State Abbreviations
FIPS	02	Character	FIPS State Code.
OBereg	02	Character	OBE Region Code. 0 – U.S. 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 – South 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
FICE	06	Character	Identifies schools accredited at the college level by an agency recognized by the Secretary of Education (formerly included in HEGIS); Blank for non-HEGIS schools
RSTATUS	01	Character	1 = Respondent 3 = Nonrespondent, not imputed 4 = Nonrespondent, imputed
IMPTYPE	01	Character	Imputation Type. This is based on the survey form that was returned. For FORMRT=L - this is an impute indicator (yes for imputing and blank for not imputed) For FORMRT=CN - use the indicators listed here b - not imputed 1- imputed using current year mean average method 2- imputed using previous year's data 9- partial imputation (done for nonresponding data items only)
PARCHILD	01	Character	Parent/child indicator 1 - Parent 2 - Child blank - not a parent or child
UNITIDX	06	Character	UNITID of institution where data is recorded for PARCHILD=2 institutions
SECTOR	02	Character	Generated Sector (based on response to IC survey) 00 - Central, System or Corporate Offices 01 - Public, 4 year or above 02 - Private, nonprofit, 4 year or above 03 - Private, for-profit, 4 year or above 04 - Public, 2 year 05 - Private, nonprofit, 2 year 06 - Private, for-profit, 2 year 07 - Public, less than 2 year 08 - Private, nonprofit, less than 2 year 09 - Private for-profit, less than 2 year
LEVEL	01	Character	1 = 4 or more years (Baccalaureate or higher) 2 = At least 2 but less than 4 years (Below baccalaureate) 3 = Less than 2 years (Below associate)
CONTROL	01	Character	1 = Public 2 = Private, nonprofit 3 = Private, for-profit

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
AFFIL	01	Character	1 = Public 2 = Private, for-profit 3 = Private, nonprofit, no religious affiliation 4 = Private, nonprofit, Catholic 5 = Private, nonprofit, Jewish 6 = Private, nonprofit, Protestant 7 = Private, nonprofit, Other religious affiliation blank = no response
HLOFFER	02	Character	Highest level of offering 01 = Postsecondary Award, Certificate or Diploma of less than one academic year 02 = Postsecondary Award, Certificate, or Diploma of at least 1 but less than 2 academic yrs 03 = Associate's Degree 04 = Postsecondary Award, Certificate, or Diploma of at least 2 but less than 4 academic yrs. 05 = Bachelor's Degree 06 = Postbaccalaureate Certificate 07 = Master's Degree 08 = Post-Master's Certificate 09 = Doctor's Degree 00 = Other blank = Not applicable or non-response
FPOFFER	01	Character	First-Professional Offering 1 = First-Professional Degree or post-degree certificate blank= No First-Professional offering
LOCALE	01	Character	Degree of Urbanization b – blank 1- large city 2- mid-size city 3- urban fringe of large city 4- urban fringe of mid-size city 5- large town 6- small town 7- rural 8- non-MA, other urban 9- not assigned
PCTMIN1	02	Numeric	Percent of Minority Enrollment-Black
PCTMIN2	02	Numeric	Percent of Minority Enrollment - American Indian/Alaskan Native
PCTMIN3	02	Numeric	Percent of Minority Enrollment - Asian/Pacific Islander
PCTMIN4	02	Numeric	Percent of Minority Enrollment – Hispanic
HBCU	01	Character	Historically Black Colleges & Universities (1=yes, blank=no)
HOSPITAL	01	Character	Institution has a hospital (1 = yes, blank = none)
MEDICAL	01	Character	Institution grants a medical degree (1 = yes, blank = none)
TRIBAL	01	Character	Tribal college (1 =yes, blank = no)
CARNEGIE	02	Character	Carnegie Classification Code
SOURCE	01	Character	Data Source - Medium used to collect data 1 – Internet 2 – Email 3 – Tape/Diskette 4 – Form 5 – Form Facsimile 7 – Other blank – Not returned
OPEID	08	Character	Office of Postsecondary Education identification number for those institutions eligible to participate in Title IV (financial aid) programs.

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
NCESEDIT	01	Character	NCES-EDIT Indicates the release status of the academic library given to NCES blank - Not edited 1 - Record has been edited with no edit or critical flags 2 - Record has been edited with critical edit flags, analyst accept 3 - Record has been edited with critical edit flags remaining, NCES override 4 - Record is on hold 5 - Record failed the edits
FORMRT	03	Character	L or CN survey form
AREA	01	Character	AREARESEARCH
ACT	01	Character	Activity code, Indicates present status of institution activity. blank - Institution is active and is not a current year add A - Add - institution is active and was added during the current year S - Split - institution split into more than one institution R - Restore – institution restored to the current universe P - Potential add – institution has been mailed an IC form to determine whether it should be added to the IPEDS universe; data will not be included in totals until the ACT code has been changed to an 'A' Q - Potential restore - institution has been mailed an IC form to determine whether it should be restored to the IPEDS universe; data will not be included in totals until the ACT code has been changed to an 'R' H - Area search on hold pending verification D - Delete – institution is out of business or is a duplicate of another institution C - Combined – institution has merged with another institution O - Out-of-scope – institution is not within the scope of the IPEDS universe U - Duplicate – UNITID was assigned to an entity already in the IPEDS universe W - Wipe out - a potential add institution that has been determined to be closed or out-of-scope of IPEDS X - Potential restore institution not added to the universe M - Current year death with data - institution will be deleted before the next year mailout I – Inactive Z - Universe III – institution is eligible for Title IV student financial aid funding, but is out-of-scope of IPEDS.
NCESDATE	06	Character	Indicates the most recent date for editing or imputation (MMDDYY)
OPETYPE	01	Character	Type of OPE Number on IPEDS Institutional Characteristics file 1 – Pell 2 – Stafford 3 – Other 9 – Multiple types blank – blank
SFAELIG	01	Character	Indication on Institutional Characteristics form whether or not an institution is eligible to participate in Title IV Financial Aid programs. 1 = eligible, 2 = not eligible, blank = blank
REFUSAL	01	Character	Refusal Indicator blank - Not a refusal 1 - Refusal
OPEIND	01	Character	OPE eligibility indicator code 1=institutions eligible 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; or a U.S. Service school not listed by OPE as being eligible. IPEDS will consider these institutions as eligible institutions. blank=not eligible

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
A_IMP	01	Character	blank - not imputed 1- imputed using current year mean average method 2- imputed using previous year's data 9- partial imputation (done for nonresponding data items only)
B_IMP	01	Character	blank - not imputed 1- imputed using current year mean average method 2- imputed using previous year's data 9- partial imputation (done for nonresponding data items only)
C_IMP	01	Character	blank - not imputed 1- imputed using current year mean average method 2- imputed using previous year's data 9- partial imputation (done for nonresponding data items only)
D_IMP	01	Character	blank - not imputed 1- imputed using current year mean average method 2- imputed using previous year's data 9- partial imputation (done for nonresponding data items only)
E_IMP	01	Character	blank - not imputed 1- imputed using current year mean average method 2- imputed using previous year's data 9- partial imputation (done for nonresponding data items only)
F_IMP	01	Character	blank - not imputed 1- imputed using current year mean average method 2- imputed using previous year's data 9- partial imputation (done for nonresponding data items only)
ASSODEG	05	Numeric	Total number of associate degrees from Completions
BACHDEG	05	Numeric	Total number of bachelor's degrees from Completions
MASTDEG	05	Numeric	Total number of master's degrees from Completions
DOCTDEG	05	Numeric	Total number of doctor's degrees from Completions
PROFDEG	05	Numeric	Total number of first professional's degrees from Completions
OWNLIB	01	Character	1 - has own library 2 - has own library, but reports with another library 3 - contributes financial support to a shared library with other institutions 4 - does not have own library
LIBSHAR1	06	Character	UNITID for shared library
LIBNAME1	50	Character	Name of shared library
LIBSHAR2	06	Character	UNITID for second shared library
LIBNAME2	50	Character	Name of second shared library
PART A – NUMBER OF PUBLIC SERVICE OUTLETS			
LA1	06	Numeric	Number of Branch Libraries
PART B – LIBRARY STAFF			
LB2	8	Numeric	Librarians and other professional staff
LB3	8	Numeric	All other paid Staff (Except students)
LB4	8	Numeric	Contributed services staff
LB5	8	Numeric	Students Assistants
LB6	8	Numeric	Total FTE staff (sum of LB2 – LB5)
PART C – LIBRARY EXPENDITURES: SALARIES AND WAGES			
LC7	9	Numeric	Librarians and other professionals
LC8	9	Numeric	All other paid staff
LC9	9	Numeric	Student Assistants

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
PART C – LIBRARY EXPENDITURES: COLLECTIONS			
LC10	9	Numeric	Print materials
LC11	9	Numeric	Current serial subscriptions
LC12	9	Numeric	Microforms
LC13	9	Numeric	Audiovisual materials
LC14	9	Numeric	Computer files and search services
LC15	9	Numeric	Document delivery/ interlibrary loans
LC16	9	Numeric	Other collection expenditures
PART C – LIBRARY EXPENDITURES: OTHER THAN SALARIES OR COLLECTIONS			
LC17	9	Numeric	Preservation
LC18	9	Numeric	Furniture and equipment (exclude computers)
LC19	9	Numeric	Computer hardware and software
LC20	9	Numeric	Bibliographic utilities, networks, consortia
LC21	9	Numeric	All other operating expenditures
PART C – LIBRARY EXPENDITURES: TOTAL EXPENDITURES			
LC22	9	Numeric	Total operating expenditures
LC23	9	Numeric	Employee fringe benefits
PART D – LIBRARY COLLECTIONS: BOOKS, SERIAL BACKFILES, AND OTHER MATERIALS (includes government documents)			
LD24_1	9	Numeric	Number of volumes (books-paper) added during the fiscal year
LD24_2	9	Numeric	Number of volumes (books-paper) held at the end of the fiscal year
LD25_1	9	Numeric	Number of titles (books-paper) added during the fiscal year
LD25_2	9	Numeric	Number of titles (books-paper) held at the end of the fiscal year
LD26_1	9	Numeric	Number of government documents units (not reported elsewhere) added during the fiscal year
LD26_2	9	Numeric	Number of government documents units (not reported elsewhere) held at the end of the fiscal year
LD27_1	9	Numeric	Number of government documents titles (not reported elsewhere) added during the fiscal year
LD27_2	9	Numeric	Number of government documents titles (not reported elsewhere) held at the end of the fiscal year
PART D – LIBRARY COLLECTIONS: CURRENT SERIAL SUBSCRIPTIONS (includes periodicals, newspapers, and government documents)			
LD28_1	9	Numeric	Total number of paid and unpaid subscriptions added during the fiscal year
LD28_2	9	Numeric	Total number of paid and unpaid subscriptions held at the end of the fiscal year
LD29_1	9	Numeric	Number of titles (books-electronic) added during the fiscal year
LD29_2	9	Numeric	Number of titles (books-electronic) held at the end of the fiscal year
PART D – LIBRARY COLLECTIONS: MICROFORMS			
LD30_1	9	Numeric	Number of physical units (current serials - paper/microforms) added during the fiscal year
LD30_2	9	Numeric	Number of physical units (current serials - paper/microforms) held at the end of the fiscal year
LD31_1	9	Numeric	Number of titles represented by microforms added during the fiscal year

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
LD31_2	9	Numeric	Number of titles represented by microforms held at the end of the fiscal year
PART D – LIBRARY COLLECTIONS: OTHER COLLECTION ITEMS			
LD32_1	9	Numeric	Manuscripts and archives (in linear feet) added during the fiscal year
LD32_2	9	Numeric	Manuscripts and archives (in linear feet) held at the end of the fiscal year
LD33_1	9	Numeric	Cartographic materials, number of units added during the fiscal year
LD33_2	9	Numeric	Cartographic materials, number of units held at the end of the fiscal year
LD34_1	9	Numeric	Graphic materials, number of units added during the fiscal year
LD34_2	9	Numeric	Graphic materials, number of units held at the end of the fiscal year
LD35_1	9	Numeric	Sound recording, number of units added during the fiscal year
LD35_2	9	Numeric	Sound recording, number of units held at the end of the fiscal year
LD36_1	9	Numeric	Sound recording, number of titles added during the fiscal year
LD36_2	9	Numeric	Sound recording, number of titles held at the end of the fiscal year
LD37_1	9	Numeric	Film and video materials, number of units added during the fiscal year
LD37_2	9	Numeric	Film and video materials, number of units held at the end of the fiscal year
LD38_1	9	Numeric	Film and video materials, number of titles added during the fiscal year
LD38_2	9	Numeric	Film and video materials, number of titles held at the end of the fiscal year
LD39_1	9	Numeric	Computer files, number of units added during the fiscal year
LD39_2	9	Numeric	Computer files, number of units held at the end of the fiscal year
LD40_1	9	Numeric	Computer files, number of titles added during the fiscal year
LD40_2	9	Numeric	Computer files, number of titles held at the end of the fiscal year
LD41_1	9	Numeric	Other library materials, number of units added during the fiscal year
LD41_2	9	Numeric	Other library materials, number of units held at the end of the fiscal year
PART E – LIBRARY SERVICES: LOAN TRANSACTIONS			
LE42	9	Numeric	Circulation transactions, general collection
LE43	9	Numeric	Circulation transactions, reserve collection
LE44	9	Numeric	Document delivery/interlibrary loans received to other libraries – returnables
LE45	9	Numeric	Document delivery/interlibrary loans received to other libraries – non-returnables
LE46	9	Numeric	Total document delivery/interlibrary loans received to other libraries
LE47	9	Numeric	Document delivery/interlibrary loans received from other libraries – returnables
LE48	9	Numeric	Document delivery/interlibrary loans received from other libraries – non-returnables
LE49	9	Numeric	Total document delivery/interlibrary loans received from other libraries
PART E – LIBRARY SERVICES: INFORMATION SERVICES TO GROUPS			
LE50	9	Numeric	Number of presentations during the fiscal year
LE51	9	Numeric	Number of persons served in presentations for the fiscal year

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
CNF4	12	Numeric	Filler
PART F – LIBRARY SERVICES PER TYPICAL WEEK			
LF52	08	Numeric	Public service hours per typical week
LF53	9	Numeric	Gate count per typical week
LF54	9	Numeric	Reference transactions per typical week – Include computer searching
PART G – ELECTRONIC SERVICES			
LG55_1	01	Character	Access of Electronic catalog from within the library (1=yes, 2=no)
LG55_2	01	Character	Access of Electronic catalog from elsewhere on campus
LG55_3	01	Character	Access of Electronic catalog off campus by primary clientele
LG55_4	01	Character	Access of Electronic catalog off campus by others
LG56_1	01	Character	Access of Electronic indexes and reference tools from within the library
LG56_2	01	Character	Access of Electronic indexes and reference tools from elsewhere on campus
LG56_3	01	Character	Access of Electronic indexes and reference tools off campus by primary clientele
LG56_4	01	Character	Access of Electronic indexes and reference tools off campus by others
LG57_1	01	Character	Access of Electronic full text periodicals from within the library
LG57_2	01	Character	Access of Electronic full text periodicals from elsewhere on campus
LG57_3	01	Character	Access of Electronic full text periodicals off campus by primary clientele
LG57_4	01	Character	Access of Electronic full text periodicals off campus by others
LG58_1	01	Character	Access of Electronic full text course reserves from within the library
LG58_2	01	Character	Access of Electronic full text course reserves from elsewhere on campus
LG58_3	01	Character	Access of Electronic full text course reserves off campus by primary clientele
LG58_4	01	Character	Access of Electronic full text course reserves off campus by others
LG59_1	01	Character	Access of Electronic files other than catalog from within the library
LG59_2	01	Character	Access of Electronic files other than catalog from elsewhere on campus
LG59_3	01	Character	Access of Electronic files other than catalog off campus by primary clientele
LG59_4	01	Character	Access of Electronic files other than catalog off campus by others
LG60_1	01	Character	Internet access from within the library
LG60_2	01	Character	Internet access from elsewhere on campus
LG60_3	01	Character	Internet access off campus by primary clientele
LG60_4	01	Character	Internet access off campus by others
LG61_1	01	Character	Library reference service by e-mail from within the library
LG61_2	01	Character	Library reference service by e-mail from elsewhere on campus
LG61_3	01	Character	Library reference service by e-mail off campus by primary clientele
LG61_4	01	Character	Library reference service by e-mail off campus by others
LG62_1	01	Character	Interlibrary loan requests electronically from within the library
LG62_2	01	Character	Interlibrary loan requests electronically from elsewhere on campus

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
LG62_3	01	Character	Interlibrary loan requests electronically off campus by primary clientele
LG62_4	01	Character	Interlibrary loan requests electronically off campus by others
LG63	01	Character	Electronic doc. delivery by the library to the patron's account/address
LG64	01	Character	Computers (other than library functions) for patron use in the library
LG65	01	Character	Computer software for patron use in the library
LG66	01	Character	Scanning equipment patron use in the library
LG67	01	Character	Services to your institution's distance education students
ILA1	01	Character	Status flag for LA1 N - Original data field was blank (nonresponse) R - Original data value was a reported value, including reported zero A - Analyst adjusted a reported value C - Analyst corrected a cell that was previously a nonresponse P - Imputation for a cell that was previously a nonresponse, using prior year data as the base for imputation Q - Imputation for a cell that was previously reported, using prior year data as the base for imputation H - Data suppressed to assure confidentiality (public-use file only) I - Imputation for a cell that was previously a nonresponse, using a method other than prior year J - Data adjusted in scan edits in Jeffersonville X - Imputation for a cell that was previously reported, using a method other than prior year S - Details are adjusted (raked) to sum to the total T - Total adjusted to equal the sum of the detail Z - Implied reported zero
ILB2	01	Character	Status flag for LB2
ILB3	01	Character	Status flag for LB3
ILB4	01	Character	Status flag for LB4
ILB5	01	Character	Status flag for LB5
ILB6	01	Character	Status flag for LB6
ILC7	01	Character	Status flag for LC7
ILC8	01	Character	Status flag for LC8
ILC9	01	Character	Status flag for LC9
ILC10	01	Character	Status flag for LC10
ILC11	01	Character	Status flag for LC11
ILC12	01	Character	Status flag for LC12
ILC13	01	Character	Status flag for LC13
ILC14	01	Character	Status flag for LC14
ILC15	01	Character	Status flag for LC15
ILC16	01	Character	Status flag for LC16
ILC17	01	Character	Status flag for LC17
ILC18	01	Character	Status flag for LC18
ILC19	01	Character	Status flag for LC19
ILC20	01	Character	Status flag for LC20
ILC21	01	Character	Status flag for LC21
ILC22	01	Character	Status flag for LC22

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
ILC23	01	Character	Status flag for LC23
ILD24_1	01	Character	Status flag for LD24_1
ILD24_2	01	Character	Status flag for LD24_2
ILD25_1	01	Character	Status flag for LD25_1
ILD25_2	01	Character	Status flag for LD5_2
ILD26_1	01	Character	Status flag for LD26_1
ILD26_2	01	Character	Status flag for LD26_2
ILD27_1	01	Character	Status flag for LD27_1
ILD27_2	01	Character	Status flag for LD27_2
ILD28_1	01	Character	Status flag for LD28_1
ILD28_2	01	Character	Status flag for LD28_2
ILD29_1	01	Character	Status flag for LD29_1
ILD29_2	01	Character	Status flag for LD29_2
ILD30_1	01	Character	Status flag for LD30_1
ILD30_2	01	Character	Status flag for LD30_2
ILD31_1	01	Character	Status flag for LD31_1
ILD31_2	01	Character	Status flag for LD31_2
ILD32_1	01	Character	Status flag for LD32_1
ILD32_2	01	Character	Status flag for LD32_2
ILD33_1	01	Character	Status flag for LD33_1
ILD33_2	01	Character	Status flag for LD33_2
ILD34_1	01	Character	Status flag for LD34_1
ILD34_2	01	Character	Status flag for LD34_2
ILD35_1	01	Character	Status flag for LD35_1
ILD35_2	01	Character	Status flag for LD35_2
ILD36_1	01	Character	Status flag for LD36_1
ILD36_2	01	Character	Status flag for LD36_2
ILD37_1	01	Character	Status flag for LD37_1
ILD37_2	01	Character	Status flag for LD37_2
ILD38_1	01	Character	Status flag for LD38_1
ILD38_2	01	Character	Status flag for LD38_2
ILD39_1	01	Character	Status flag for LD39_1
ILD39_2	01	Character	Status flag for LD39_2
ILD40_1	01	Character	Status flag for LD40_1
ILD40_2	01	Character	Status flag for LD40_2
ILD41_1	01	Character	Status flag for LD41_1
ILD41_2	01	Character	Status flag for LD41_2
ILE42	01	Character	Status flag for LE42
ILE43	01	Character	Status flag for LE43
ILE44	01	Character	Status flag for LE44
ILE45	01	Character	Status flag for LE45
ILE46	01	Character	Status flag for LE46
ILE47	01	Character	Status flag for LE47

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
ILE48	01	Character	Status flag for LE48
ILE49	01	Character	Status flag for LE49
ILE50	01	Character	Status flag for LE50
ILE51	01	Character	Status flag for LE51
ICNF4	01	Character	Status flag for CNF4
ILF52	01	Character	Status flag for LF52
ILF53	01	Character	Status flag for LF53
ILF54	01	Character	Status flag for LF54
HDEGOFFR	02	Character	Highest Degree Offered 00 – non-degree granting 01 – first professional degree 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 – associate and first professional blank – not available
FTUNDER	09	Numeric	Full time undergraduate students – from 1995-96 IPEDS Fall Enrollment Survey
FTGRAD	09	Numeric	Full time graduate students – from 1995-96 IPEDS Fall Enrollment Survey
PTUNDER	09	Numeric	Part time undergraduate students – from 1995-96 IPEDS Fall Enrollment Survey
PTGRAD	09	Numeric	Part time graduate students – from 1995-96 IPEDS Fall Enrollment Survey
ENROLL	09	Numeric	Total enrollment - from 1995-96 IPEDS Fall Enrollment Survey
B121	12	Numeric	Unrestricted E&G expenditures - from 1995-96 IPEDS Finance Survey
B122	12	Numeric	Restricted E&G expenditures - from 1995-96 IPEDS Finance Survey
B123	12	Numeric	Total E&G expenditures - from 1995-96 IPEDS Finance Survey
XB121	1	Character	Imputation indicator for B121 – from 1995-96 IPEDS Finance Survey N - Original data field was blank (nonresponse) R - Original data value was a reported value, including reported zero A - Analyst adjusted a reported value C - Analyst corrected a cell that was previously a nonresponse P - Imputation for a cell that was previously a nonresponse, using prior year data as the base for imputation I - Imputation for a cell that was previously a nonresponse, using a method other than prior year S - Details are adjusted (raked) to sum to the total T - Total adjusted to equal the sum of the detail Z -Implied reported zero
XB122	1	Character	Imputation indicator for B122 – from 1995-96 IPEDS Finance Survey
XB123	1	Character	Imputation indicator for B123 – from 1995-96 IPEDS Finance Survey
A74	9	Numeric	Total number of faculty – 9/10 – from 1995-96 IPEDS Faculty Salaries Survey
A149	9	Numeric	Total number of faculty – 11/12 – from 1995-96 IPEDS Faculty Salaries Survey

APPENDIX B—Record Layout
Academic Library Survey (ALS) 1996

Variable Name	Field Width	Field Type	Variable Description
IMPA74	1	Character	Imputation indicator for A74 – from 1995-96 IPEDS Faculty Salaries Survey N - Original data field was blank (nonresponse) R - Original data value was a reported value, including reported zero A - Analyst adjusted a reported value C - Analyst corrected a cell that was previously a nonresponse P - Imputation for a cell that was previously a nonresponse, using prior year data as the base for imputation I - Imputation for a cell that was previously a nonresponse, using a method other than prior year S - Details are adjusted (raked) to sum to the total T - Total adjusted to equal the sum of the detail Z -Implied reported zero
IMPA149	1	Character	Imputation indicator for A149 – from 1995-96 IPEDS Faculty Salaries Survey

**APPENDIX C—Survey Instrument
Academic Library Survey (ALS) 1996**

The survey instrument includes the questionnaire and the instructions.

FORM **IPEDS-L**
(6-1-96)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
ACTING AS COLLECTING AGENT FOR THE
U.S. DEPARTMENT OF EDUCATION
NATIONAL CENTER FOR EDUCATION STATISTICS

NOTE – The completion of this survey, in a timely and accurate manner, is **MANDATORY** for all institutions which participate or are applicants for participation in any Federal financial assistance program authorized by Title IV of the Higher Education Act of 1965, as amended. The completion of this survey is mandated by 20 U.S.C. 1094(a)(17).

For those institutions not required to complete this survey on the basis of the above requirements, the completion of this survey is voluntary and authorized by P.L. 103-382, National Education Statistics Act of 1994, Sec. 404(a).

**INTEGRATED POSTSECONDARY
EDUCATION DATA SYSTEM**

**ACADEMIC LIBRARIES SURVEY
1996**

Please read the accompanying instructions before completing this survey form. Report data **ONLY** for the institution in the address label. If data for any other institutions or branch campuses are included in this report because they **CANNOT** be reported separately, please provide a list of these schools.

Please correct any errors in the name, address, and ZIP Code.

If there are any questions about this form, contact a Bureau of the Census IPEDS representative at (800) 451-6236 or FAX number (301) 457-1542, 7:30 a.m.—4:30 p.m. EST.

RETURN TO

Date due: November 15, 1996

1. Name of respondent	2. Title of respondent	3. Telephone
		Area code, number, extension
4. E-Mail address		FAX number

Does your institution have its own library, report with another institution or are you financially supporting a shared library with another institution?

- 1 Has own library as defined in Part A of the instructions. — *Please complete this survey.*
- 2 Has own library but reports with another library — *Go to Combined Data sheet, page 4*
- 3 Does not have own library but contributes financial support to a shared library with the following postsecondary institution(s). A shared library is a facility housing an organized collection of printed, microform, and audiovisual materials, and (a) is jointly administered by more than one educational institution, or (b) whose funds or operating expenditures have been received from more than one educational institution. The location of the facility is not a determining factor. — *Please complete the item below and return blank survey form to the address shown above.*

UNITID	Name of Institution

- 4 Does not have own library — *Please return this blank survey to the address shown above*

**Changes from the 1994 form for
1996 ACADEMIC LIBRARIES SURVEY**

▶ **Cover sheet – Own library question**

The question has been expanded to allow for combined or shared library systems.

▶ **Part E – Library Services, Fiscal Year 1996**

Data requests for document delivery/interlibrary loans provided to other libraries, as well as those received from other libraries or commercial services, have been expanded to request separate reporting for returnables and non-returnables, as well as the total.

▶ **Part G – Electronic Services**

This part was added to identify the availability of electronic services within the library system. The questions require a "yes" or "no" response to the availability of the various services listed.

PURPOSE OF THE SURVEY

The National Center for Education Statistics (NCES) collects these data periodically to obtain and report a comprehensive picture on the status of collections, transactions, staff, service per typical week, and library operating expenditures in postsecondary institutions. The survey is being conducted in compliance with the Center's mission "to collect, and analyze, and disseminate statistics and other data related to education in the United States . . .", (P.L. 103-382, National Education Statistics Act of 1994, Sec. 404(a)).

USES OF DATA

Collection of these data over time will enable the nation to plan effectively for the development and use of postsecondary education library resources. Congress uses the data to assess the need for revisions of existing legislation concerning libraries and the allocation of Federal funds. Federal agencies need the data to evaluate and administer library programs. State education agencies and college librarians and administrators use the data for regional and national comparisons of library resources to plan for the effective use of funds. Finally, library associations and researchers use the survey results to determine the status of library operations and the profession.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 1850-0582. The time required to complete this information collection is estimated to vary from 30 minutes to 6.0 hours per response, with an average of 2.5 hours, including the time to review instructions, search existing data resources, gather and maintain the data needed, and complete and review the information collection. **If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to:** U.S. Department of Education, Information Management Team, Washington, DC 20202-4652. **If you have any comments or concerns regarding the status of your individual submission of this form, write directly to:**

**National Center for Education Statistics/IPEDS
U.S. Department of Education
555 New Jersey Avenue, NW
Washington, DC 20208-5652**

The definitions and instructions for compiling IPEDS data have been designed to minimize comparability problems. However, postsecondary education institutions differ widely among themselves. As a result of these differences, comparisons of data provided by individual institutions may be misleading.

DO NOT RETURN INSTRUCTIONS

REMARKS SECTION — *Please enter any remarks you may have in this section. By entering any explanations here, you may eliminate the need for telephone contact at a later date.*

NOTICE OF COMBINED DATA FOR MORE THAN ONE INSTITUTION OR BRANCH

CN

The institution named on this report is including Libraries Survey data for other institutions/branches.

- No
- Yes – *Please indicate below, the UNITID (if known), name and address of the institutions for which data are included.*

UNITID	Institution name	Address	City	State	ZIP Code

The Libraries Survey data for this institution are reported by another institution.

- No
- Yes – *Please list the UNITID, name, and address of the reporting institution.*

UNITID	Institution name	Address	City	State	ZIP Code

L		
Part A – NUMBER OF PUBLIC SERVICE OUTLETS, FISCAL YEAR 1996		
Line No.	Item	Number
01	Branch and independent libraries – <i>Exclude main or central library.</i>	

Part B – LIBRARY STAFF, FALL 1996 <i>(Exclude maintenance and custodial staff.)</i>		
<i>NOTE: Report data to two decimals.</i>		
Line No.	Staff	Number of full-time equivalents
02	Librarians and other professional staff	
03	All other paid staff (except student assistants)	
04	Contributed services staff	
05	Student assistants from all funding sources	
06	Total full-time equivalent staff – <i>(Sum of lines 2 through 5)</i>	

Part C – LIBRARY OPERATING EXPENDITURES, FISCAL YEAR 1996

L

NOTE: Do not report the same expenditures more than once.

Line No.	Category	Amount (Whole dollars only)
07	Salaries and wages – <i>Exclude employee fringe benefits.</i> Librarians and other professional staff	\$
08	All other paid staff (except student assistants)	
09	Student assistants	
10	Information resources Books, serial backfiles, and other print materials – <i>Exclude current serials and all microforms.</i>	
11	Current serials – <i>Exclude microforms, audiovisual materials, and machine-readable materials.</i>	
12	Microforms – <i>Include current serials.</i>	
13	Audiovisual materials – <i>Include current serials.</i>	
14	Computer files and search services – <i>Include current serials.</i>	
15	Document delivery/Interlibrary loan	
16	Other	
17	Preservation	
18	Furniture and equipment – <i>Exclude computer equipment.</i>	
19	Computer hardware and software – <i>Include maintenance.</i>	
20	Bibliographic utilities, networks, and consortia	
21	All other operating expenditures	
22	Total operating expenditures (Sum of lines 7 through 21)	\$

23	Employee fringe benefits (if paid from the library budget)	\$
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Part D – LIBRARY COLLECTIONS, FISCAL YEAR 1996

L

Line No.	Category	Total number –	
		Added during fiscal year (1)	Held at end of fiscal year (2)
24	Books, serial backfiles, and government documents that are accessible through the library's catalog – <i>Include bound periodicals and newspapers and exclude microforms.</i> Volumes		
25	Titles		
26	Government documents – <i>Include government documents that are not reported elsewhere.</i> Units		
27	Titles		
28	Current serials – <i>Include periodicals, newspapers, and government documents.</i> Total number of paid and unpaid subscriptions		
29	Titles (number of unique titles)		
30	Microforms Units		
31	Titles		
32	Manuscripts and archives – Linear feet		
33	Cartographic materials – Units		
34	Graphic materials – Units		
35	Sound recordings Units		
36	Titles		
37	Film and video materials Units		
38	Titles		
39	Computer files Units		
40	Titles		
41	Other library materials – Units		

Part E – LIBRARY SERVICES, FISCAL YEAR 1996

Line No.	Category	Number
42	Circulation transactions General collection	
43	Reserve collection	
44	Document delivery/Interlibrary loans provided to other libraries Returnable	
45	Non-returnable	
46	Total	
47	Document delivery/Interlibrary loans received from other libraries or commercial services Returnable	
48	Non-returnable	
49	Total	
50	Information service to groups Number of presentations	
51	Number of persons served in presentations	

Part F – LIBRARY SERVICES, TYPICAL WEEK, FALL 1996

Line No.	Category	Number
52	Public service hours in a typical week	
53	Gate count in a typical week	
54	Reference transactions in a typical week	

Part G – ELECTRONIC SERVICES

L

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 marking an (X) in the appropriate column.*

Line No.	Category	Mark (X) appropriate column.									
		Access from —				Access off campus by —					
		Within library		Elsewhere on campus		Primary clientele		Others			
		(1)		(2)		(3)		(4)			
Yes		No		Yes		No		Yes		No	
	Does the library or parent institution offer the following services?										
55	An electronic catalog that includes the library's holdings										
56	Electronic indexes and reference tools										
57	Electronic full text periodicals										
58	Electronic full text course reserves										
59	Electronic files other than the catalog (e.g., finding aids, indices, manuscripts) created by library staff										
60	Internet access										
61	Library reference service by e-mail										
62	Capacity to place interlibrary loan/document delivery requests electronically										
63	Electronic document delivery by the library to patron's account/address										
64	Computers not dedicated to library functions for patron use inside the library										
65	Computer software for patron use inside the library (e.g., word processing, spreadsheet, custom applications, etc.)										
66	Technology in the library to assist patrons with disabilities (e.g., TDD, specially equipped work stations)										
67	Instruction by library staff on use of Internet resources										

GENERAL INSTRUCTIONS – L

Please respond to each item on this form in the space provided. If the appropriate answer is zero or none, use "0." If you do not collect data for an item, provide your best estimate. **PLEASE DO NOT LEAVE ANY LINES BLANK.** If a line is left blank, NCES will impute a figure 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 1996.

INSTITUTIONAL IDENTIFICATION

In the space provided on the front page of this report, make any necessary corrections to the preprinted address information. Also, please enter the name, title, area code and telephone number of the person responsible for completing the report.

PERIOD OF REPORT

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

- 1. Fiscal year 1996** – Any 12-month period between **June 1, 1995 and September 30, 1996** which corresponds to your institution's fiscal year. (For Sections A, C, D, E)
- 2. Typical week, Fall 1996** – 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. (Section F)
- 3. Fall 1996** – The period during the fall of 1996 when the survey form is being completed. (Section B – Library Staff)

Part A – NUMBER OF PUBLIC SERVICE OUTLETS, FISCAL YEAR 1996

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.

Shared library – A facility housing an organized collection of printed, microform, and audiovisual materials, and (a) is jointly administered by more than one education institution, or (b) whose funds or operating expenditures have been received from more than one educational institution. The location of the facility is not a determining factor.

Branch and independent libraries (line 1) – Report the number of branch and independent libraries at your institution that were open all or part of FY 1996. **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 1996

Full-time equivalent (FTE) employees – Report the number of filled or temporarily vacant full-time equivalent (FTE) positions during Fall 1996 paid from funds under library control. To compute full-time equivalents 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 1.5 FTE). Data should be reported to two decimal places.

Librarians and other professional staff (line 2) – Report the total FTE of librarians and other professional staff, including administrators. Report staff members doing work that requires professional education (the master's degree or its equivalent) in the theoretical and scientific aspects of librarianship; also, in some libraries, staff performing professional level tasks who, though not librarians, have equivalent education and training in related fields (e.g., archives, computer sciences, business administration, education).

All other paid staff (except student assistants) (line 3) – Report the total FTE of all other library staff who are paid annual salaries or hourly wages except students, who are reported on line 5. Include technical and clerical staff, but exclude maintenance and custodial staff.

Contributed services staff (line 4) – 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 5) – 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 6) – Report the sum of lines 2 through 5.

Part C – LIBRARY OPERATING EXPENDITURES, FISCAL YEAR 1996

Expenditures (lines 7–23) – Report funds expended by the library in fiscal year 1996 (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, 1995, to September 30, 1996. 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.**

REMOVE INSTRUCTIONS BEFORE MAILING AND RETAIN FOR YOUR FILES.

GENERAL INSTRUCTIONS - L - Continued

Part C - LIBRARY OPERATING EXPENDITURES, FISCAL YEAR 1996 - Continued

Salaries and wages (lines 7-9) - 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 23. Include salaries and wages from all sources paid to students serving on an hourly basis. Federal funds paid to students in the College Work Study Program should be reported here. Exclude contributed services and maintenance and custodial staff.

Books, serial backfiles, and other print materials (line 10) - Report expenditures for all materials consisting primarily of words and usually produced by making an impression with ink on paper. Included in this category are materials that do not require magnification: books, government documents, braille materials, ephemeral print materials, and the like. Exclude current serial subscriptions and microforms.

Current serials (line 11) - 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. Exclude expenditures for microforms, audiovisual materials, and machine-readable materials.

Microforms (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. Include current serials.

Audiovisual materials (line 13) - 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. Include current serials.

Computer files and search services (line 14) - Report expenditures for materials 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. Examples are U.S. Census data tapes, locally-mounted databases, electronic journals, and reference tools on CD-ROM, tape, or disk. Include current serials. Include expenditures for online searches of remote databases. 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 19.

Document delivery/Interlibrary loan (line 15) - Report expenditures for document delivery and interlibrary loan services. Include fees paid for photocopies, costs of telefacsimile 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.

Other (line 16) - Report any other collection expenditures not already included on lines 10-15 such as expenditures for cartographic materials and manuscripts.

Preservation (line 17) - Report expenditures for the activities 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, materials conservation, deacidification, lamination, and restoration.

Furniture and equipment (line 18) - Report expenditures for all library furniture and equipment purchased during the 1996 fiscal year. Include microform equipment, audiovisual equipment, and related maintenance costs.

Computer hardware and software (line 19) - 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 14.

Bibliographic utilities, networks, and consortia (line 20) - Report expenditures for services provided by national, regional, and local bibliographic utilities, networks, and consortia. Exclude expenditures already reported on lines 14 and 15.

All other operating expenditures (line 21) - Report all other expenditures not already reported on lines 7-20 except employee fringe benefits which are reported on line 23. Exclude expenditures for new buildings and building renovations.

Total (line 22) - Report the sum of lines 7 through 21.

Employee fringe benefits (line 23) - If benefits are paid from the library budget, report the amount here.

Part D - LIBRARY COLLECTIONS, FISCAL YEAR 1996

NOTE - Government documents should be included in the count for each format (i.e., lines 24, 25, and 28-41).

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.

Units (lines 26, 30, 33, 34, 35, 37, 39, 41) - An individual physical item of library material. Examples of units are: a volume (books and serials); a reel, sheet, or card (microforms); a sheet or bound atlas (cartographic materials); a filmstrip, slide, photograph, or print (graphic materials); a disk, cassette, cartridge, or reel (sound recordings, film and video materials); a disk, tape, or cartridge (computer files).

Volumes (line 24) - Report the number of volumes of any printed, mimeographed, or processed work contained in one binding or portfolio, hardbound or paperbound, 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.

GENERAL INSTRUCTIONS - L - Continued

Titles (lines 25, 27, 29, 31, 36, 38, 40) — Report the number of titles of publications which form 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, 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. **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.

Government documents (lines 26 and 27) — Report the number of units and titles of materials in all formats not accessible through the library catalog and not reported elsewhere.

Current serials (lines 28 and 29) — Report the total number of current serials received including those that are paid for and those received without payment. Include government documents issued serially. Exclude microforms, audiovisual materials, and machine-readable materials.

Microforms (lines 30 and 31) — Report the number of units of microforms and the number of different titles of materials that have been photographically reduced in size for storage, protection and inexpensive publication purposes, and which must be read with the help of enlarging instruments. Examples of microforms are: roll microfilm, microcard, microfiche, and ultrafiche. Include government documents.

Manuscripts and archives (line 32) — Report the linear feet of shelf space occupied by these materials. Manuscripts are handwritten or typed documents, including carbon copies. Archives are non-current records of an organization or institution preserved because of their continuing value. Include government documents.

Cartographic materials (line 33) — Report the number of units of materials representing in whole or in part the earth or any celestial body at any scale. These materials include two- and three-dimensional maps and globes. Include government documents.

Graphic materials (line 34) — Report the number of units of materials for viewing without sound. The materials may or may not be projected or magnified. They include art originals, art prints, art reproductions, slides, transparencies, filmstrips, photographs, pictures, postcards, posters, study prints, and the like. Filmstrips that also include sound should be included on this line. Include government documents.

Sound recordings (lines 35 and 36) — Report the number of units and titles of materials on which sounds (only) are stored (recorded) and that can be reproduced (played back) mechanically, electronically, or both. These materials include audio cassettes, audio cartridges, audio discs, audio reels, talking books, and other sound recordings. Include government documents.

Film and video materials (lines 37 and 38) — Report the number of units and titles of materials on film or video media. Films are produced in a variety of sizes (8, super 8, 16, 35, 55, and 70 mm) and a variety of formats (cartridge, cassette, loop, reel). Video materials include videotapes and laser disks on which pictures and sound are recorded. Include government documents.

Computer files (lines 39 and 40) — Report the number of units and titles of materials such as CD-ROMs, magnetic tapes and magnetic disks, that are designed to be processed by a computer or similar machine. Examples are U.S. Census data tapes, locally-mounted databases, electronic journals, and reference tools on CD-ROM, tape, or floppy disk. Exclude bibliographic records used to manage the collection, library system software, and microcomputer software used only by the library staff. Include current serials. Include government documents. If a CD-ROM subscription for a title is contained on one disc that is updated (i.e., replaced) once a month, count as one unit, not twelve.

Other library materials (line 41) — Report here the number of units of any materials not already included on lines 24-40. Include government documents.

Part E - LIBRARY SERVICES, FISCAL YEAR 1996

Circulation transactions (lines 42 and 43) — Report the number of items lent from the general collection on line 42 and from the reserve collection on line 43 for use usually (although not always) outside the library. These activities include initial charges, either manual or electronic, and also renewals, each of which is reported as a circulation transaction.

Reserve collection (line 43) — Those materials that have been removed from the general library collection and set aside in a library so they will be on hand for a certain course of study or activity in process. Usually, the circulation and length of loan of items in a reserve collection are restricted so that these items will be available to many users who have need of them within a limited time period.

Document delivery/Interlibrary loans (lines 44-49) — On lines 44, 45, and 46, report the number of filled requests for material provided to other libraries. On lines 47, 48, and 49, 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 44 and 47) — 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 45 and 48) — 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.

Information services to groups (lines 50 and 51) — Report the total number of presentations (line 50) and the total number of persons attending or served by those presentations (line 51). 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.

GENERAL INSTRUCTIONS - L - Continued

Part F - LIBRARY SERVICES - TYPICAL WEEK FALL 1996

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 1996 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.

Public service hours in a typical week (line 52) - Report an unduplicated count of public service hours in a typical week for both main library and branches reported in Part A using the following method. If a library is open from 9:00 a.m. to 5:00 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 2 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 53) - 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 54) - Report the total number of reference transactions in a typical week. A reference transaction is an information contact that involves the knowledge, use, recommendation, 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 access by your primary clientele, and other users. The questions require a "yes" or "no" response to the availability of the various services listed.

GLOSSARY

ACADEMIC LIBRARIES SURVEY - L

BRANCH INSTITUTION - A campus or site of an educational institution that is not temporary, is located in a community beyond a reasonable commuting distance from its parent institution, and offers organized PROGRAMS of study, not just courses.

COLLEGE WORK-STUDY PROGRAM (CWS) - (Higher Education Act of 1965, as amended, Title IV, Part C; Public Laws 89-329, 92-318, 94-482, et al; 42 USC 2751-2756b.)

Provides part-time employment to eligible postsecondary students to help meet educational expenses. This program

provides grants to institutions for partial reimbursement of wages paid to students.

SHARED LIBRARY - A facility housing an organized collection of printed, microform, and audiovisual materials, and (a) is jointly administered by more than one educational institution, or (b) whose funds or operating expenditures have been received from more than one education institution. The location of the facility is not a determining factor.

UNITID CODE - Unique identification number assigned to postsecondary institutions surveyed through the Integrated Postsecondary Education Data System (IPEDS).

APPENDIX D—Edits and Imputations
Academic Libraries Survey (ALS) 1996

This appendix provides information about the edits and imputations performed on the ALS 1996 data.

APPENDIX D—Edits and Imputations

Academic Libraries Survey (ALS) 1996

Edits

The IDEALS computer program includes many edit checks that provide warnings as the data are being keyed in. It also provides an edit/error report after the data have been keyed. 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 data entries from one section of the questionnaire with data entries from another section of the questionnaire for consistency. For example, if books and bound serials were added during the fiscal year the program would expect some expenditure to be reported for books and bound serials. If one is reported without the other 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 – for example, if the average salary of librarians is less than \$20,000 or greater than \$100,000, an error message is generated. 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 is less than 10 hours per week or greater than 168 hours per week, an error message is generated.

When probable errors were identified by the IDEALS edit checks, state or Census Bureau personnel contacted the institution to resolve the problem.

Imputations

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 (1994) 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: public, less than median number of degrees for institutions in that category; public, equal to or greater than the median; private, less than the median; private, equal to or greater than the median.
- If prior year data were unavailable, for purposes of imputation, the Academic Library file was divided into the 8 imputation classes noted above and averages for the class were applied.
- To calculate 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

APPENDIX D—Edits and Imputations

Academic Libraries Survey (ALS) 1996

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.

- If for total staff and total expenditures, the total and all subtotals were blank or zero, they were imputed by taking the average of the imputation class.
- Values were imputed for all data items in Parts B through F, except contributed services staff (Part B) and employee fringe benefits (Part C). These categories were applicable to only a few institutions.
- Values were not imputed for electronic services (Part G).

The imputation 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 for 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 data. 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* (NCES2001301). This report uses data from institutions reporting in each reference year, to make comparisons over time.

Appendix E – Frequency Statistics
Academic Library Survey (ALS) 1996—Public-use

This appendix provides frequency counts for the categorical variables.

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Identification number

UNITID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Institution name

INSTNM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

City location of institution

CITY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Post Office State abbreviation code

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
AK Alaska	8	0.21	8	0.21
AL Alabama	81	2.09	89	2.30
AR Arkansas	44	1.14	133	3.44
AS American Samoa	1	0.03	134	3.46
AZ Arizona	50	1.29	184	4.76
CA California	363	9.38	547	14.14
CO Colorado	61	1.58	608	15.71
CT Connecticut	46	1.19	654	16.90
DC District of Columbia	20	0.52	674	17.42
DE Delaware	9	0.23	683	17.65
FL Florida	113	2.92	796	20.57
FM Fed State Micronesia	5	0.13	801	20.70
GA Georgia	122	3.15	923	23.86
GU Guam	2	0.05	925	23.91
HI Hawaii	18	0.47	943	24.37
IA Iowa	60	1.55	1003	25.92
ID Idaho	12	0.31	1015	26.23
IL Illinois	185	4.78	1200	31.02
IN Indiana	78	2.02	1278	33.03
KS Kansas	57	1.47	1335	34.51
KY Kentucky	59	1.52	1394	36.03
LA Louisiana	34	0.88	1428	36.91
MA Massachusetts	120	3.10	1548	40.01
MD Maryland	59	1.52	1607	41.54
ME Maine	33	0.85	1640	42.39
MH Marshall Islands	1	0.03	1641	42.41
MI Michigan	115	2.97	1756	45.39
MN Minnesota	103	2.66	1859	48.05
MO Missouri	104	2.69	1963	50.74
MP Northern Mariana Isl	1	0.03	1964	50.76
MS Mississippi	46	1.19	2010	51.95
MT Montana	26	0.67	2036	52.62
NC North Carolina	121	3.13	2157	55.75
ND North Dakota	20	0.52	2177	56.27
NE Nebraska	32	0.83	2209	57.09
NH New Hampshire	31	0.80	2240	57.90
NJ New Jersey	61	1.58	2301	59.47
NM New Mexico	39	1.01	2340	60.48
NV Nevada	10	0.26	2350	60.74
NY New York	320	8.27	2670	69.01
OH Ohio	156	4.03	2826	73.04
OK Oklahoma	45	1.16	2871	74.21
OR Oregon	50	1.29	2921	75.50
PA Pennsylvania	225	5.82	3146	81.31
PR Puerto Rico	64	1.65	3210	82.97
PW Palau	1	0.03	3211	82.99

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Post Office State abbreviation code

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
RI Rhode Island	12	0.31	3223	83.30
SC South Carolina	62	1.60	3285	84.91
SD South Dakota	21	0.54	3306	85.45
TN Tennessee	77	1.99	3383	87.44
TX Texas	179	4.63	3562	92.07
UT Utah	17	0.44	3579	92.50
VA Virginia	96	2.48	3675	94.99
VI Virgin Islands	2	0.05	3677	95.04
VT Vermont	23	0.59	3700	95.63
WA Washington	67	1.73	3767	97.36
WI Wisconsin	65	1.68	3832	99.04
WV West Virginia	28	0.72	3860	99.77
WY Wyoming	9	0.23	3869	100.00

FIPS state code

FIPS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
01 Alabama	81	2.09	81	2.09
10 Delaware	9	0.23	90	2.33
11 District of Columbia	20	0.52	110	2.84
12 Florida	113	2.92	223	5.76
13 Georgia	122	3.15	345	8.92
15 Hawaii	18	0.47	363	9.38
16 Idaho	12	0.31	375	9.69
17 Illinois	185	4.78	560	14.47
18 Indiana	78	2.02	638	16.49
19 Iowa	60	1.55	698	18.04
02 Alaska	8	0.21	706	18.25
20 Kansas	57	1.47	763	19.72
21 Kentucky	59	1.52	822	21.25
22 Louisiana	34	0.88	856	22.12
23 Maine	33	0.85	889	22.98
24 Maryland	59	1.52	948	24.50
25 Massachusetts	120	3.10	1068	27.60
26 Michigan	115	2.97	1183	30.58
27 Minnesota	103	2.66	1286	33.24
28 Mississippi	46	1.19	1332	34.43
29 Missouri	104	2.69	1436	37.12
30 Montana	26	0.67	1462	37.79
31 Nebraska	32	0.83	1494	38.61
32 Nevada	10	0.26	1504	38.87
33 New Hampshire	31	0.80	1535	39.67
34 New Jersey	61	1.58	1596	41.25
35 New Mexico	39	1.01	1635	42.26
36 New York	320	8.27	1955	50.53
37 North Carolina	121	3.13	2076	53.66
38 North Dakota	20	0.52	2096	54.17
39 Ohio	156	4.03	2252	58.21
04 Arizona	50	1.29	2302	59.50
40 Oklahoma	45	1.16	2347	60.66
41 Oregon	50	1.29	2397	61.95
42 Pennsylvania	225	5.82	2622	67.77
44 Rhode Island	12	0.31	2634	68.08
45 South Carolina	62	1.60	2696	69.68
46 South Dakota	21	0.54	2717	70.22
47 Tennessee	77	1.99	2794	72.22
48 Texas	179	4.63	2973	76.84
49 Utah	17	0.44	2990	77.28
05 Arkansas	44	1.14	3034	78.42
50 Vermont	23	0.59	3057	79.01
51 Virginia	96	2.48	3153	81.49
53 Washington	67	1.73	3220	83.23
54 West Virginia	28	0.72	3248	83.95

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

FIPS state code

FIPS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
55 Wisconsin	65	1.68	3313	85.63
56 Wyoming	9	0.23	3322	85.86
06 California	363	9.38	3685	95.24
60 American Samoa	1	0.03	3686	95.27
64 Fed State Micronesia	5	0.13	3691	95.40
66 Guam	2	0.05	3693	95.45
68 Marshall Islands	1	0.03	3694	95.48
69 Northern Mariana Isl	1	0.03	3695	95.50
70 Palau	1	0.03	3696	95.53
72 Puerto Rico	64	1.65	3760	97.18
78 Virgin Islands	2	0.05	3762	97.23
08 Colorado	61	1.58	3823	98.81
09 Connecticut	46	1.19	3869	100.00

OBE Region code

OBEREG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 US Service Schools	11	0.28	11	0.28
1 New England - CT ME MA NH RI VT	264	6.82	275	7.11
2 Mid East - DE DC MD NJ NY PA	689	17.81	964	24.92
3 Great Lakes - IL IN MI OH WI	598	15.46	1562	40.37
4 Plains - IA KS MN MO NE ND SD	396	10.24	1958	50.61
5 Southeast - AL AR FL GA KY LA MS NC SC TN VA WV	882	22.80	2840	73.40
6 Southwest - AZ NM OK TX	313	8.09	3153	81.49
7 Rocky Mountains - CO ID MT UT WY	124	3.20	3277	84.70
8 Far West - AK CA HI NV OR WA	515	13.31	3792	98.01
9 Outlying areas - AS FM GU MH MP PR PW VI	77	1.99	3869	100.00

School accreditation at the college level

FICE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank - Non HEGIS school	146	3.77	146	3.77
Valid value	3723	96.23	3869	100.00

Response status of the institution

RSTATUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Respondent	3656	94.49	3656	94.49
4 Nonrespondent, imputed	213	5.51	3869	100.00

Impute status of the institution

IMPTYPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not imputed	3110	80.38	3110	80.38
1 Imputed using current year mean average method	759	19.62	3869	100.00

Parent/child indicator

PARCHILD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not a parent or child	3592	92.84	3592	92.84
1 Parent	103	2.66	3695	95.50
2 Child	174	4.50	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

UNITID number of parent institution

UNITIDX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank value	3592	92.84	3592	92.84
Valid value	277	7.16	3869	100.00

Sector of institution

SECTOR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Administrative unit only	2	0.05	2	0.05
1 Public, 4-year or above	627	16.21	629	16.26
2 Private nonprofit, 4-year and above	1620	41.87	2249	58.13
3 Private for profit, 4-year and above	141	3.64	2390	61.77
4 Public, 2-year	1059	27.37	3449	89.14
5 Private nonprofit, 2-year	177	4.57	3626	93.72
6 Private for profit, 2-year	214	5.53	3840	99.25
7 Public, less than 2-year	3	0.08	3843	99.33
8 Private nonprofit, less than 2-year	3	0.08	3846	99.41
9 Private for profit, less than 2-year	23	0.59	3869	100.00

Level of institution

LEVEL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Four or more years (Baccalaureate or higher)	2388	61.72	2388	61.72
2 Min 2 but less than 4 years (below Baccalaureate)	1452	37.53	3840	99.25
3 Less than 2 years (below Associate degree)	29	0.75	3869	100.00

Control of institution

CONTROL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public	1691	43.71	1691	43.71
2 Private, nonprofit	1800	46.52	3491	90.23
3 Private, for profit	378	9.77	3869	100.00

Affiliation of institution

AFFIL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank - no response	2	0.05	2	0.05
1 Public	1689	43.65	1691	43.71
2 Private, for-profit	378	9.77	2069	53.48
3 Private, nonprofit, nonreligious	800	20.68	2869	74.15
4 Private, nonprofit, Catholic	261	6.75	3130	80.90
5 Private, nonprofit, Jewish	67	1.73	3197	82.63
6 Private, nonprofit, Protestant	648	16.75	3845	99.38
7 Private, nonprofit, other religious	24	0.62	3869	100.00

Highest level of offering

HLOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not available	8	0.21	8	0.21
0 Other	1	0.03	9	0.23
1 Postsec award, diploma, less than 1 year	7	0.18	16	0.41
2 Postsec award, diploma, min 1 but less than 2	22	0.57	38	0.98
3 Associate degree	915	23.65	953	24.63
4 Postsec award, diploma, min 2 but less than 4	540	13.96	1493	38.59
5 Bachelor's degree	736	19.02	2229	57.61
6 Post baccalaureate certificate	29	0.75	2258	58.36
7 Master's degree	837	21.63	3095	79.99
8 Post master's certificate	177	4.57	3272	84.57
9 Doctoral degree	597	15.43	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

First-professional offering

FPOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank - No first professional offering	3305	85.42	3305	85.42
1 First professional degree or post-degree	564	14.58	3869	100.00

Degree of Urbanization

LOCALE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Large city	878	22.69	878	22.69
2 Mid-size city	989	25.56	1867	48.26
3 Urban fringe of large city	722	18.66	2589	66.92
4 Urban fringe of mid-size city	237	6.13	2826	73.04
5 Large town	128	3.31	2954	76.35
6 Small town	611	15.79	3565	92.14
7 Rural	220	5.69	3785	97.83
9 Not assigned	84	2.17	3869	100.00

Percent Black, non-Hispanic

PCTMIN1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	153	3.95	153	3.95
Valid value	3716	96.05	3869	100.00

Percent American Indian/Alaskan Native

PCTMIN2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	153	3.95	153	3.95
Valid value	3716	96.05	3869	100.00

Percent Asian/Pacific Islander

PCTMIN3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	153	3.95	153	3.95
Valid value	3716	96.05	3869	100.00

Percent Hispanic

PCTMIN4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	153	3.95	153	3.95
Valid value	3716	96.05	3869	100.00

Historically Black College or University

HBCU	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank - No	3767	97.36	3767	97.36
1 Yes	102	2.64	3869	100.00

Institution has hospital

HOSPITAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank - No	3776	97.60	3776	97.60
1 Yes	93	2.40	3869	100.00

Appendix E – Frequency Statistics
Academic Library Survey (ALS) 1996—Public-use

Institution grants a medical degree

<u>MEDICAL</u>	<u>Frequency</u>	<u>Percent</u>	<u>Cumulative Frequency</u>	<u>Cumulative Percent</u>
Blank - No	3711	95.92	3711	95.92
1 Yes	158	4.08	3869	100.00

Tribal college

<u>TRIBAL</u>	<u>Frequency</u>	<u>Percent</u>	<u>Cumulative Frequency</u>	<u>Cumulative Percent</u>
Blank - No	3847	99.43	3847	99.43
1 Yes	22	0.57	3869	100.00

Carnegie Classification Code

<u>CARNEGIE</u>	<u>Frequency</u>	<u>Percent</u>	<u>Cumulative Frequency</u>	<u>Cumulative Percent</u>
Blank value	220	5.69	220	5.69
Valid value	3649	94.31	3869	100.00

Medium used to collect data

<u>SOURCE</u>	<u>Frequency</u>	<u>Percent</u>	<u>Cumulative Frequency</u>	<u>Cumulative Percent</u>
Blank-Not available	213	5.51	213	5.51
1 Internet	337	8.71	550	14.22
2 Email	863	22.31	1413	36.52
3 Tape/Diskette	1640	42.39	3053	78.91
4 Form	812	20.99	3865	99.90
5 Form Facimile	4	0.10	3869	100.00

Office of Postsecondary Education ID

<u>OPEID</u>	<u>Frequency</u>	<u>Percent</u>	<u>Cumulative Frequency</u>	<u>Cumulative Percent</u>
Blank value	117	3.02	117	3.02
Valid value	3752	96.98	3869	100.00

NCES Edit status of the institution

<u>NCESEDIT</u>	<u>Frequency</u>	<u>Percent</u>	<u>Cumulative Frequency</u>	<u>Cumulative Percent</u>
Blank-Not available	213	5.51	213	5.51
1 Edited with no edit or critical flags	2118	54.74	2331	60.25
2 Edited with critical edit flags, analyst accept	1537	39.73	3868	99.97
3 Edited with critical edit flags, NCES override	1	0.03	3869	100.00

Survey form

<u>FORMRT</u>	<u>Frequency</u>	<u>Percent</u>	<u>Cumulative Frequency</u>	<u>Cumulative Percent</u>
Valid value	3869	100.00	3869	100.00

Area Search

<u>AREA</u>	<u>Frequency</u>	<u>Percent</u>	<u>Cumulative Frequency</u>	<u>Cumulative Percent</u>
Valid value	3869	100.00	3869	100.00

Appendix E – Frequency Statistics
Academic Library Survey (ALS) 1996—Public-use
 Status of institution

ACT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Institution is active, not a current year add	3869	100.00	3869	100.00

Most Recent Date for Editing or Imputation

NCESDATE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Type of OPE Number on IPEDS IC file

OPETYPE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not available	3868	99.97	3868	99.97
9 Multiple Types	1	0.03	3869	100.00

Eligibility Flag for Title IV participation

SFAELIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank - no response	3866	99.92	3866	99.92
1 Eligible	1	0.03	3867	99.95
2 Not eligible	2	0.05	3869	100.00

Refusal status of the institution

REFUSAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank - Not a refusal	3644	94.18	3644	94.18
1 Refusal	225	5.82	3869	100.00

OPE Eligibility indicator code

OPEIND	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not eligible	117	3.02	117	3.02
1 Institutions eligible for Title IV	3684	95.22	3801	98.24
2 Branch campus/service school, Title IV	68	1.76	3869	100.00

Impute status of Part A

A IMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not imputed	3656	94.49	3656	94.49
1 Imputed using current year mean average method	93	2.40	3749	96.90
2 Imputed using previous year's data	120	3.10	3869	100.00

Impute status of Part B

B IMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not imputed	3656	94.49	3656	94.49
1 Imputed using current year mean average method	78	2.02	3734	96.51
2 Imputed using previous year's data	135	3.49	3869	100.00

Impute status of Part C

C IMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not imputed	3524	91.08	3524	91.08
1 Imputed using current year mean average method	81	2.09	3605	93.18
2 Imputed using previous year's data	135	3.49	3740	96.67
9 Partial imputation	129	3.33	3869	100.00

Appendix E – Frequency Statistics
Academic Library Survey (ALS) 1996—Public-use

Impute status of Part D

D IMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not imputed	3481	89.97	3481	89.97
1 Imputed using current year mean average method	76	1.96	3557	91.94
2 Imputed using previous year's data	137	3.54	3694	95.48
9 Partial imputation	175	4.52	3869	100.00

Impute status of Part E

E IMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not imputed	3380	87.36	3380	87.36
1 Imputed using current year mean average method	80	2.07	3460	89.43
2 Imputed using previous year's data	138	3.57	3598	93.00
9 Partial imputation	271	7.00	3869	100.00

Impute status of Part F

F IMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not imputed	3597	92.97	3597	92.97
1 Imputed using current year mean average method	77	1.99	3674	94.96
2 Imputed using previous year's data	136	3.52	3810	98.48
9 Partial imputation	59	1.52	3869	100.00

Total number of associate degrees from Completions

ASSODEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	135	3.49	135	3.49
Valid value	3734	96.51	3869	100.00

Total number of bachelors degree from Completions

BACHDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	135	3.49	135	3.49
Valid value	3734	96.51	3869	100.00

Total number of master's degree from Completions

MASTDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	135	3.49	135	3.49
Valid value	3734	96.51	3869	100.00

Total number of doctors degree from Completions

DOCTDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	135	3.49	135	3.49
Valid value	3734	96.51	3869	100.00

Total number of first professional degree from Completions

PROFDEG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	135	3.49	135	3.49
Valid value	3734	96.51	3869	100.00

Appendix E – Frequency Statistics
Academic Library Survey (ALS) 1996—Public-use

Has own library

OWNLIB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Has own library	3385	87.49	3385	87.49
2 Has own library, but reports with another library	260	6.72	3645	94.21
3 Contributes financial support to a shared library	17	0.44	3662	94.65
4 Does not have own library	207	5.35	3869	100.00

UNITID for shared library

LIBSHAR1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank value	3863	99.84	3863	99.84
Valid value	6	0.16	3869	100.00

Name of shared library

LIBNAME1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank value	3863	99.84	3863	99.84
Valid value	6	0.16	3869	100.00

UNITID for shared library

LIBSHAR2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank value	3869	100.00	3869	100.00

Name of shared library

LIBNAME2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank value	3869	100.00	3869	100.00

Number: Branch libraries

LA1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Number: Librarians and other professional staff

LB2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Number: All other paid staff (except students)

LB3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Number: Contributed services staff

LB4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Number: Student Assistants

LB5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Number: Total FTE Staff

LB6	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Librarians & OPS

LC7	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	1643	42.47	1643	42.47
Valid value	2226	57.53	3869	100.00

Expenditures: All other paid staff

LC8	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	1575	40.71	1575	40.71
Valid value	2294	59.29	3869	100.00

Expenditures: Student assistants

LC9	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	1809	46.76	1809	46.76
Valid value	2060	53.24	3869	100.00

Expenditures: Print materials

LC10	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Current serial subscriptions

LC11	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Microforms

LC12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Expenditures: Audiovisual materials

LC13	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Computer files and search services

LC14	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Document delivery/interlibrary loans

LC15	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Other collection

LC16	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Preservation

LC17	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Furniture and equipment

LC18	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Computer hardware and software

LC19	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Bibliographic utilities, networks, and consortia

LC20	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Expenditures: All other operating expenditures

LC21	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	1535	39.67	1535	39.67
Valid value	2334	60.33	3869	100.00

Expenditures: Total operating expenditures

LC22	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Expenditures: Employee fringe benefit

LC23	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	2275	58.80	2275	58.80
Valid value	1594	41.20	3869	100.00

Books - paper - volumes added

LD24_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Books - paper - volumes held

LD24_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Books - paper - titles added

LD25_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Books - paper - titles held

LD25_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Government document - units added

LD26_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Government document - units held

LD26_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Government document - titles added

LD27_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Government document - titles held

LD27_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Subscriptions - added

LD28_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Subscriptions - held

LD28_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles (books-electronic) added during the fiscal year

LD29_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles (books-electronic) held during the fiscal year

LD29_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units (current serials - paper/microforms) added during the fiscal year

LD30_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Units (current serials - paper/microforms) held during the fiscal year

LD30 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles (microforms) - added

LD31 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles (microforms) - held

LD31 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Manuscripts and archives - added

LD32 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Manuscripts and archives - held

LD32 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of cartographic materials - added

LD33 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of cartographic materials - held

LD33 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of graphic materials - added

LD34 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of graphic materials - held

LD34 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Units of sound recording - added

LD35_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of sound recording - held

LD35_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles of sound recording - added

LD36_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles of sound recording - held

LD36_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of film and video material - added

LD37_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of film and video material - held

LD37_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles of film and video materials - added

LD38_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles of film and video materials - held

LD38_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of computer files - added

LD39_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Units of computer files - held

LD39 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles of computer files - added

LD40 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Titles of computer files - held

LD40 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of other library material - added

LD41 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Units of other library material - held

LD41 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Circulation transactions - general collection

LE42	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Circulation transactions - reserve collection

LE43	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Interlib loans to other lib - returnable

LE44	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Interlib loans to other lib - non-return

LE45	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Interlib loans to other lib - total

LE46	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Interlib loans from other lib - returnable

LE47	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Interlib loans from other lib - non-return

LE48	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Interlib loans from oth3r lib - total

LE49	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Number of presentations

LE50	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Total attendance at all presentations

LE51	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Hours open in a typical week

LF52	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Gate count in a typical week

LF53	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Reference transactions in a typical week

LF54	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing numeric value	387	10.00	387	10.00
Valid value	3482	90.00	3869	100.00

Electronic Access: catalog within library

LG55 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	638	16.49	638	16.49
1 Yes	2576	66.58	3214	83.07
2 No	655	16.93	3869	100.00

Electronic Access: catalog elsewhere on campus

LG55 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	884	22.85	884	22.85
1 Yes	1788	46.21	2672	69.06
2 No	1197	30.94	3869	100.00

Electronic Access: catalog off campus-primary client

LG55 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	944	24.40	944	24.40
1 Yes	1711	44.22	2655	68.62
2 No	1214	31.38	3869	100.00

Electronic Access: catalog off campus-others

LG55 4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	976	25.23	976	25.23
1 Yes	1603	41.43	2579	66.66
2 No	1290	33.34	3869	100.00

Electronic Access: index & ref tools within library

LG56 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	641	16.57	641	16.57
1 Yes	2932	75.78	3573	92.35
2 No	296	7.65	3869	100.00

Electronic Access: index & ref tool else on campus

LG56 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	925	23.91	925	23.91
1 Yes	1538	39.75	2463	63.66
2 No	1406	36.34	3869	100.00

Appendix E – Frequency Statistics

Academic Library Survey (ALS) 1996—Public-use

Electronic Access: index & ref tool off campus-primary client

LG56 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	984	25.43	984	25.43
1 Yes	1236	31.95	2220	57.38
2 No	1649	42.62	3869	100.00

Electronic Access: index & ref tool off campus-others

LG56 4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1052	27.19	1052	27.19
1 Yes	522	13.49	1574	40.68
2 No	2295	59.32	3869	100.00

Electronic Access: full text periodical within library

LG57 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	652	16.85	652	16.85
1 Yes	2229	57.61	2881	74.46
2 No	988	25.54	3869	100.00

Electronic Access: full text periodical else on campus

LG57 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	946	24.45	946	24.45
1 Yes	1103	28.51	2049	52.96
2 No	1820	47.04	3869	100.00

Electronic Access: full text periodical off campus-primary client

LG57 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1018	26.31	1018	26.31
1 Yes	900	23.26	1918	49.57
2 No	1951	50.43	3869	100.00

Electronic Access: full text periodical off campus-others

LG57 4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1075	27.78	1075	27.78
1 Yes	304	7.86	1379	35.64
2 No	2490	64.36	3869	100.00

Electronic Access: full text course reserve within library

LG58 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	703	18.17	703	18.17
1 Yes	197	5.09	900	23.26
2 No	2969	76.74	3869	100.00

Electronic Access: full text course reserve else on campus

LG58 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	976	25.23	976	25.23
1 Yes	146	3.77	1122	29.00
2 No	2747	71.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Electronic Access: full text course reserve off campus primary client

LG58 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1055	27.27	1055	27.27
1 Yes	126	3.26	1181	30.52
2 No	2688	69.48	3869	100.00

Electronic Access: full text course reserve off campus others

LG58 4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1084	28.02	1084	28.02
1 Yes	48	1.24	1132	29.26
2 No	2737	70.74	3869	100.00

Electronic Access: files (not catalog) within library

LG59 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	687	17.76	687	17.76
1 Yes	1206	31.17	1893	48.93
2 No	1976	51.07	3869	100.00

Electronic Access: files (not catalog) else on campus

LG59 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	973	25.15	973	25.15
1 Yes	809	20.91	1782	46.06
2 No	2087	53.94	3869	100.00

Electronic Access: files (not catalog) off campus - primary client

LG59 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1041	26.91	1041	26.91
1 Yes	741	19.15	1782	46.06
2 No	2087	53.94	3869	100.00

Electronic Access: files (not catalog) off campus others

LG59 4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1070	27.66	1070	27.66
1 Yes	667	17.24	1737	44.90
2 No	2132	55.10	3869	100.00

Internet access within library

LG60 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	641	16.57	641	16.57
1 Yes	2599	67.17	3240	83.74
2 No	629	16.26	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Internet access elsewhere on campus

LG60 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	890	23.00	890	23.00
1 Yes	2285	59.06	3175	82.06
2 No	694	17.94	3869	100.00

Internet access off campus-primary client

LG60 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	994	25.69	994	25.69
1 Yes	1447	37.40	2441	63.09
2 No	1428	36.91	3869	100.00

Internet access off campus-other

LG60 4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1082	27.97	1082	27.97
1 Yes	668	17.27	1750	45.23
2 No	2119	54.77	3869	100.00

Library reference service by email within library

LG61 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	684	17.68	684	17.68
1 Yes	1270	32.83	1954	50.50
2 No	1915	49.50	3869	100.00

Library reference service by email else on campus

LG61 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	943	24.37	943	24.37
1 Yes	1128	29.15	2071	53.53
2 No	1798	46.47	3869	100.00

Library reference service by email off campus-primary client

LG61 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1013	26.18	1013	26.18
1 Yes	1034	26.73	2047	52.91
2 No	1822	47.09	3869	100.00

Library reference service by email off campus-other

LG61 4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1073	27.73	1073	27.73
1 Yes	626	16.18	1699	43.91
2 No	2170	56.09	3869	100.00

Appendix E – Frequency Statistics

Academic Library Survey (ALS) 1996—Public-use

Inter-library loan requests electronic - within library

LG62 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	670	17.32	670	17.32
1 Yes	1907	49.29	2577	66.61
2 No	1292	33.39	3869	100.00

Inter-library loan requests electronic else on campus

LG62 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	949	24.53	949	24.53
1 Yes	921	23.80	1870	48.33
2 No	1999	51.67	3869	100.00

Inter-library loan requests electronic off campus-primary

LG62 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1018	26.31	1018	26.31
1 Yes	867	22.41	1885	48.72
2 No	1984	51.28	3869	100.00

Inter-library loan requests electronic off campus-other

LG62 4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	1063	27.47	1063	27.47
1 Yes	323	8.35	1386	35.82
2 No	2483	64.18	3869	100.00

Electronic Doc delivery by lib to account address

LG63	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	676	17.47	676	17.47
1 Yes	528	13.65	1204	31.12
2 No	2665	68.88	3869	100.00

Computers for patron use in the library

LG64	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	646	16.70	646	16.70
1 Yes	2033	52.55	2679	69.24
2 No	1190	30.76	3869	100.00

Computer software for patron use in library

LG65	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	649	16.77	649	16.77
1 Yes	1942	50.19	2591	66.97
2 No	1278	33.03	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Scanning equipment for patron use in library

LG66	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	655	16.93	655	16.93
1 Yes	1343	34.71	1998	51.64
2 No	1871	48.36	3869	100.00

Services to distance education students

LG67	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 No Answer	637	16.46	637	16.46
1 Yes	2423	62.63	3060	79.09
2 No	809	20.91	3869	100.00

Status Flag for LA1

ILA1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	7	0.18	394	10.18
C Analyst corrected a cell that was blank	34	0.88	428	11.06
I Imputation for nonres, other than prior year	92	2.38	520	13.44
P Imputation for nonres. using prior year data	117	3.02	637	16.46
R Original data value was reported	3232	83.54	3869	100.00

Status Flag for LB2

ILB2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	83	2.15	470	12.15
C Analyst corrected a cell that was blank	10	0.26	480	12.41
I Imputation for nonres, other than prior year	82	2.12	562	14.53
J Data adjusted in scan edits in Jeffersonville	1	0.03	563	14.55
P Imputation for nonres. using prior year data	140	3.62	703	18.17
R Original data value was reported	3164	81.78	3867	99.95
Z Implied reported zero value	2	0.05	3869	100.00

Status Flag for LB3

ILB3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	63	1.63	450	11.63
C Analyst corrected a cell that was blank	9	0.23	459	11.86
I Imputation for nonres, other than prior year	122	3.15	581	15.02
J Data adjusted in scan edits in Jeffersonville	1	0.03	582	15.04
P Imputation for nonres. using prior year data	190	4.91	772	19.95
R Original data value was reported	3086	79.76	3858	99.72
Z Implied reported zero value	11	0.28	3869	100.00

Status Flag for LB4

ILB4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	16	0.41	403	10.42
C Analyst corrected a cell that was blank	3	0.08	406	10.49
I Imputation for nonres, other than prior year	78	2.02	484	12.51
P Imputation for nonres. using prior year data	131	3.39	615	15.90
R Original data value was reported	2753	71.16	3368	87.05
Z Implied reported zero value	501	12.95	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LB5

ILB5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	89	2.30	476	12.30
C Analyst corrected a cell that was blank	20	0.52	496	12.82
I Imputation for nonres, other than prior year	113	2.92	609	15.74
J Data adjusted in scan edits in Jeffersonville	1	0.03	610	15.77
P Imputation for nonres. using prior year data	177	4.57	787	20.34
R Original data value was reported	3075	79.48	3862	99.82
Z Implied reported zero value	7	0.18	3869	100.00

Status Flag for LB6

ILB6	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	40	1.03	427	11.04
C Analyst corrected a cell that was blank	1	0.03	428	11.06
R Original data value was reported	2925	75.60	3353	86.66
T Total adjusted to equal the sum of the detail	516	13.34	3869	100.00

Status Flag for LC7

ILC7	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	73	1.89	460	11.89
C Analyst corrected a cell that was blank	19	0.49	479	12.38
H Data suppressed	1256	32.46	1735	44.84
I Imputation for nonres, other than prior year	56	1.45	1791	46.29
P Imputation for nonres. using prior year data	79	2.04	1870	48.33
R Original data value was reported	1999	51.67	3869	100.00

Status Flag for LC8

ILC8	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	75	1.94	462	11.94
C Analyst corrected a cell that was blank	34	0.88	496	12.82
H Data suppressed	1188	30.71	1684	43.53
I Imputation for nonres, other than prior year	70	1.81	1754	45.33
P Imputation for nonres. using prior year data	90	2.33	1844	47.66
R Original data value was reported	2025	52.34	3869	100.00

Status Flag for LC9

ILC9	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	52	1.34	439	11.35
C Analyst corrected a cell that was blank	30	0.78	469	12.12
H Data suppressed	1422	36.75	1891	48.88
I Imputation for nonres, other than prior year	69	1.78	1960	50.66
P Imputation for nonres. using prior year data	94	2.43	2054	53.09
R Original data value was reported	1815	46.91	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LC10

ILC10	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	28	0.72	415	10.73
C Analyst corrected a cell that was blank	12	0.31	427	11.04
I Imputation for nonres, other than prior year	82	2.12	509	13.16
P Imputation for nonres. using prior year data	156	4.03	665	17.19
R Original data value was reported	3200	82.71	3865	99.90
Z Implied reported zero value	4	0.10	3869	100.00

Status Flag for LC11

ILC11	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	33	0.85	420	10.86
C Analyst corrected a cell that was blank	12	0.31	432	11.17
I Imputation for nonres, other than prior year	95	2.46	527	13.62
P Imputation for nonres. using prior year data	190	4.91	717	18.53
R Original data value was reported	3145	81.29	3862	99.82
Z Implied reported zero value	7	0.18	3869	100.00

Status Flag for LC12

ILC12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	14	0.36	401	10.36
C Analyst corrected a cell that was blank	8	0.21	409	10.57
I Imputation for nonres, other than prior year	191	4.94	600	15.51
P Imputation for nonres. using prior year data	402	10.39	1002	25.90
R Original data value was reported	2849	73.64	3851	99.53
Z Implied reported zero value	18	0.47	3869	100.00

Status Flag for LC13

ILC13	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	19	0.49	406	10.49
C Analyst corrected a cell that was blank	9	0.23	415	10.73
I Imputation for nonres, other than prior year	145	3.75	560	14.47
P Imputation for nonres. using prior year data	383	9.90	943	24.37
R Original data value was reported	2916	75.37	3859	99.74
Z Implied reported zero value	10	0.26	3869	100.00

Status Flag for LC14

ILC14	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	19	0.49	406	10.49
C Analyst corrected a cell that was blank	9	0.23	415	10.73
I Imputation for nonres, other than prior year	150	3.88	565	14.60
P Imputation for nonres. using prior year data	334	8.63	899	23.24
R Original data value was reported	2963	76.58	3862	99.82
Z Implied reported zero value	7	0.18	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LC15

ILC15	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	9	0.23	396	10.24
C Analyst corrected a cell that was blank	7	0.18	403	10.42
I Imputation for nonres, other than prior year	220	5.69	623	16.10
J Data adjusted in scan edits in Jeffersonville	1	0.03	624	16.13
P Imputation for nonres. using prior year data	457	11.81	1081	27.94
R Original data value was reported	2773	71.67	3854	99.61
Z Implied reported zero value	15	0.39	3869	100.00

Status Flag for LC16

ILC16	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	6	0.16	393	10.16
C Analyst corrected a cell that was blank	3	0.08	396	10.24
I Imputation for nonres, other than prior year	336	8.68	732	18.92
J Data adjusted in scan edits in Jeffersonville	1	0.03	733	18.95
P Imputation for nonres. using prior year data	556	14.37	1289	33.32
R Original data value was reported	2566	66.32	3855	99.64
Z Implied reported zero value	14	0.36	3869	100.00

Status Flag for LC17

ILC17	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	11	0.28	398	10.29
C Analyst corrected a cell that was blank	6	0.16	404	10.44
I Imputation for nonres, other than prior year	220	5.69	624	16.13
J Data adjusted in scan edits in Jeffersonville	2	0.05	626	16.18
P Imputation for nonres. using prior year data	360	9.30	986	25.48
R Original data value was reported	2869	74.15	3855	99.64
Z Implied reported zero value	14	0.36	3869	100.00

Status Flag for LC18

ILC18	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	14	0.36	401	10.36
C Analyst corrected a cell that was blank	11	0.28	412	10.65
I Imputation for nonres, other than prior year	155	4.01	567	14.65
P Imputation for nonres. using prior year data	349	9.02	916	23.68
R Original data value was reported	2941	76.01	3857	99.69
Z Implied reported zero value	12	0.31	3869	100.00

Status Flag for LC19

ILC19	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	17	0.44	404	10.44
C Analyst corrected a cell that was blank	10	0.26	414	10.70
I Imputation for nonres, other than prior year	144	3.72	558	14.42
J Data adjusted in scan edits in Jeffersonville	1	0.03	559	14.45
P Imputation for nonres. using prior year data	320	8.27	879	22.72
R Original data value was reported	2985	77.15	3864	99.87
Z Implied reported zero value	5	0.13	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LC20

ILC20	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	9	0.23	396	10.24
C Analyst corrected a cell that was blank	9	0.23	405	10.47
I Imputation for nonres, other than prior year	185	4.78	590	15.25
J Data adjusted in scan edits in Jeffersonville	1	0.03	591	15.28
P Imputation for nonres. using prior year data	308	7.96	899	23.24
R Original data value was reported	2957	76.43	3856	99.66
Z Implied reported zero value	13	0.34	3869	100.00

Status Flag for LC21

ILC21	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	15	0.39	402	10.39
C Analyst corrected a cell that was blank	10	0.26	412	10.65
H Data suppressed	1148	29.67	1560	40.32
I Imputation for nonres, other than prior year	101	2.61	1661	42.93
J Data adjusted in scan edits in Jeffersonville	2	0.05	1663	42.98
P Imputation for nonres. using prior year data	127	3.28	1790	46.27
R Original data value was reported	2077	53.68	3867	99.95
Z Implied reported zero value	2	0.05	3869	100.00

Status Flag for LC22

ILC22	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	22	0.57	409	10.57
C Analyst corrected a cell that was blank	5	0.13	414	10.70
R Original data value was reported	2797	72.29	3211	82.99
T Total adjusted to equal the sum of the detail	658	17.01	3869	100.00

Status Flag for LC23

ILC23	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	8	0.21	395	10.21
C Analyst corrected a cell that was blank	2	0.05	397	10.26
H Data suppressed	1888	48.80	2285	59.06
I Imputation for nonres, other than prior year	64	1.65	2349	60.71
P Imputation for nonres. using prior year data	79	2.04	2428	62.76
R Original data value was reported	1441	37.24	3869	100.00

Status Flag for LD24_1

ILD24_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	27	0.70	414	10.70
C Analyst corrected a cell that was blank	60	1.55	474	12.25
I Imputation for nonres, other than prior year	79	2.04	553	14.29
J Data adjusted in scan edits in Jeffersonville	3	0.08	556	14.37
P Imputation for nonres. using prior year data	152	3.93	708	18.30
R Original data value was reported	3158	81.62	3866	99.92
Z Implied reported zero value	3	0.08	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LD24_2

ILD24_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	36	0.93	423	10.93
C Analyst corrected a cell that was blank	53	1.37	476	12.30
I Imputation for nonres, other than prior year	77	1.99	553	14.29
J Data adjusted in scan edits in Jeffersonville	3	0.08	556	14.37
P Imputation for nonres. using prior year data	133	3.44	689	17.81
R Original data value was reported	3179	82.17	3868	99.97
Z Implied reported zero value	1	0.03	3869	100.00

Status Flag for LD25_1

ILD25_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	16	0.41	403	10.42
C Analyst corrected a cell that was blank	48	1.24	451	11.66
I Imputation for nonres, other than prior year	97	2.51	548	14.16
J Data adjusted in scan edits in Jeffersonville	1	0.03	549	14.19
P Imputation for nonres. using prior year data	446	11.53	995	25.72
R Original data value was reported	2858	73.87	3853	99.59
Z Implied reported zero value	16	0.41	3869	100.00

Status Flag for LD25_2

ILD25_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	31	0.80	418	10.80
C Analyst corrected a cell that was blank	114	2.95	532	13.75
I Imputation for nonres, other than prior year	93	2.40	625	16.15
J Data adjusted in scan edits in Jeffersonville	2	0.05	627	16.21
P Imputation for nonres. using prior year data	411	10.62	1038	26.83
R Original data value was reported	2825	73.02	3863	99.84
Z Implied reported zero value	6	0.16	3869	100.00

Status Flag for LD26_1

ILD26_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	4	0.10	391	10.11
C Analyst corrected a cell that was blank	7	0.18	398	10.29
I Imputation for nonres, other than prior year	288	7.44	686	17.73
J Data adjusted in scan edits in Jeffersonville	1	0.03	687	17.76
P Imputation for nonres. using prior year data	545	14.09	1232	31.84
R Original data value was reported	2593	67.02	3825	98.86
Z Implied reported zero value	44	1.14	3869	100.00

Status Flag for LD26_2

ILD26_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	7	0.18	394	10.18
C Analyst corrected a cell that was blank	28	0.72	422	10.91
I Imputation for nonres, other than prior year	280	7.24	702	18.14
J Data adjusted in scan edits in Jeffersonville	1	0.03	703	18.17
P Imputation for nonres. using prior year data	532	13.75	1235	31.92
R Original data value was reported	2621	67.74	3856	99.66
Z Implied reported zero value	13	0.34	3869	100.00

Appendix E – Frequency Statistics
Academic Library Survey (ALS) 1996—Public-use

Status Flag for LD27_1

ILD27_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	1	0.03	388	10.03
C Analyst corrected a cell that was blank	9	0.23	397	10.26
I Imputation for nonres, other than prior year	302	7.81	699	18.07
J Data adjusted in scan edits in Jeffersonville	2	0.05	701	18.12
P Imputation for nonres. using prior year data	796	20.57	1497	38.69
R Original data value was reported	2326	60.12	3823	98.81
Z Implied reported zero value	46	1.19	3869	100.00

Status Flag for LD27_2

ILD27_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	4	0.10	391	10.11
C Analyst corrected a cell that was blank	40	1.03	431	11.14
I Imputation for nonres, other than prior year	293	7.57	724	18.71
J Data adjusted in scan edits in Jeffersonville	2	0.05	726	18.76
P Imputation for nonres. using prior year data	801	20.70	1527	39.47
R Original data value was reported	2327	60.14	3854	99.61
Z Implied reported zero value	15	0.39	3869	100.00

Status Flag for LD28_1

ILD28_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	25	0.65	412	10.65
C Analyst corrected a cell that was blank	56	1.45	468	12.10
I Imputation for nonres, other than prior year	119	3.08	587	15.17
J Data adjusted in scan edits in Jeffersonville	1	0.03	588	15.20
P Imputation for nonres. using prior year data	242	6.25	830	21.45
R Original data value was reported	3033	78.39	3863	99.84
Z Implied reported zero value	6	0.16	3869	100.00

Status Flag for LD28_2

ILD28_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	30	0.78	417	10.78
C Analyst corrected a cell that was blank	40	1.03	457	11.81
I Imputation for nonres, other than prior year	77	1.99	534	13.80
J Data adjusted in scan edits in Jeffersonville	2	0.05	536	13.85
P Imputation for nonres. using prior year data	150	3.88	686	17.73
R Original data value was reported	3182	82.24	3868	99.97
Z Implied reported zero value	1	0.03	3869	100.00

Status Flag for LD29_1

ILD29_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	11	0.28	398	10.29
C Analyst corrected a cell that was blank	70	1.81	468	12.10
I Imputation for nonres, other than prior year	151	3.90	619	16.00
P Imputation for nonres. using prior year data	458	11.84	1077	27.84
R Original data value was reported	2758	71.28	3835	99.12
Z Implied reported zero value	34	0.88	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LD29_2

ILD29_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	21	0.54	408	10.55
C Analyst corrected a cell that was blank	93	2.40	501	12.95
I Imputation for nonres, other than prior year	96	2.48	597	15.43
P Imputation for nonres. using prior year data	392	10.13	989	25.56
R Original data value was reported	2873	74.26	3862	99.82
Z Implied reported zero value	7	0.18	3869	100.00

Status Flag for LD30_1

ILD30_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	41	1.06	428	11.06
C Analyst corrected a cell that was blank	46	1.19	474	12.25
I Imputation for nonres, other than prior year	138	3.57	612	15.82
J Data adjusted in scan edits in Jeffersonville	1	0.03	613	15.84
P Imputation for nonres. using prior year data	236	6.10	849	21.94
R Original data value was reported	2963	76.58	3812	98.53
Z Implied reported zero value	57	1.47	3869	100.00

Status Flag for LD30_2

ILD30_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	22	0.57	409	10.57
C Analyst corrected a cell that was blank	35	0.90	444	11.48
I Imputation for nonres, other than prior year	127	3.28	571	14.76
J Data adjusted in scan edits in Jeffersonville	2	0.05	573	14.81
P Imputation for nonres. using prior year data	227	5.87	800	20.68
R Original data value was reported	3052	78.88	3852	99.56
Z Implied reported zero value	17	0.44	3869	100.00

Status Flag for LD31_1

ILD31_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	47	1.21	434	11.22
C Analyst corrected a cell that was blank	43	1.11	477	12.33
I Imputation for nonres, other than prior year	165	4.26	642	16.59
P Imputation for nonres. using prior year data	608	15.71	1250	32.31
R Original data value was reported	2505	64.75	3755	97.05
Z Implied reported zero value	114	2.95	3869	100.00

Status Flag for LD31_2

ILD31_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	25	0.65	412	10.65
C Analyst corrected a cell that was blank	64	1.65	476	12.30
I Imputation for nonres, other than prior year	145	3.75	621	16.05
P Imputation for nonres. using prior year data	612	15.82	1233	31.87
R Original data value was reported	2621	67.74	3854	99.61
Z Implied reported zero value	15	0.39	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LD32_1

ILD32_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	3	0.08	390	10.08
C Analyst corrected a cell that was blank	6	0.16	396	10.24
I Imputation for nonres, other than prior year	269	6.95	665	17.19
P Imputation for nonres. using prior year data	515	13.31	1180	30.50
R Original data value was reported	2626	67.87	3806	98.37
Z Implied reported zero value	63	1.63	3869	100.00

Status Flag for LD32_2

ILD32_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	4	0.10	391	10.11
C Analyst corrected a cell that was blank	9	0.23	400	10.34
I Imputation for nonres, other than prior year	228	5.89	628	16.23
P Imputation for nonres. using prior year data	462	11.94	1090	28.17
R Original data value was reported	2762	71.39	3852	99.56
Z Implied reported zero value	17	0.44	3869	100.00

Status Flag for LD33_1

ILD33_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	5	0.13	392	10.13
C Analyst corrected a cell that was blank	5	0.13	397	10.26
I Imputation for nonres, other than prior year	256	6.62	653	16.88
P Imputation for nonres. using prior year data	426	11.01	1079	27.89
R Original data value was reported	2709	70.02	3788	97.91
Z Implied reported zero value	81	2.09	3869	100.00

Status Flag for LD33_2

ILD33_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	5	0.13	392	10.13
C Analyst corrected a cell that was blank	17	0.44	409	10.57
I Imputation for nonres, other than prior year	214	5.53	623	16.10
P Imputation for nonres. using prior year data	418	10.80	1041	26.91
R Original data value was reported	2817	72.81	3858	99.72
Z Implied reported zero value	11	0.28	3869	100.00

Status Flag for LD34_1

ILD34_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	1	0.03	388	10.03
C Analyst corrected a cell that was blank	4	0.10	392	10.13
I Imputation for nonres, other than prior year	267	6.90	659	17.03
P Imputation for nonres. using prior year data	450	11.63	1109	28.66
R Original data value was reported	2690	69.53	3799	98.19
Z Implied reported zero value	70	1.81	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LD34_2

ILD34_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	4	0.10	391	10.11
C Analyst corrected a cell that was blank	26	0.67	417	10.78
I Imputation for nonres, other than prior year	214	5.53	631	16.31
P Imputation for nonres. using prior year data	441	11.40	1072	27.71
R Original data value was reported	2783	71.93	3855	99.64
Z Implied reported zero value	14	0.36	3869	100.00

Status Flag for LD35_1

ILD35_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	14	0.36	401	10.36
C Analyst corrected a cell that was blank	27	0.70	428	11.06
I Imputation for nonres, other than prior year	158	4.08	586	15.15
P Imputation for nonres. using prior year data	343	8.87	929	24.01
R Original data value was reported	2896	74.85	3825	98.86
Z Implied reported zero value	44	1.14	3869	100.00

Status Flag for LD35_2

ILD35_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	11	0.28	398	10.29
C Analyst corrected a cell that was blank	50	1.29	448	11.58
I Imputation for nonres, other than prior year	120	3.10	568	14.68
J Data adjusted in scan edits in Jeffersonville	1	0.03	569	14.71
P Imputation for nonres. using prior year data	294	7.60	863	22.31
R Original data value was reported	2997	77.46	3860	99.77
Z Implied reported zero value	9	0.23	3869	100.00

Status Flag for LD36_1

ILD36_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	11	0.28	398	10.29
C Analyst corrected a cell that was blank	39	1.01	437	11.29
I Imputation for nonres, other than prior year	178	4.60	615	15.90
P Imputation for nonres. using prior year data	537	13.88	1152	29.78
R Original data value was reported	2665	68.88	3817	98.66
Z Implied reported zero value	52	1.34	3869	100.00

Status Flag for LD36_2

ILD36_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	21	0.54	408	10.55
C Analyst corrected a cell that was blank	105	2.71	513	13.26
I Imputation for nonres, other than prior year	131	3.39	644	16.65
J Data adjusted in scan edits in Jeffersonville	1	0.03	645	16.67
P Imputation for nonres. using prior year data	524	13.54	1169	30.21
R Original data value was reported	2692	69.58	3861	99.79
Z Implied reported zero value	8	0.21	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LD37_1

ILD37_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	29	0.75	416	10.75
C Analyst corrected a cell that was blank	48	1.24	464	11.99
I Imputation for nonres, other than prior year	105	2.71	569	14.71
P Imputation for nonres. using prior year data	281	7.26	850	21.97
R Original data value was reported	2996	77.44	3846	99.41
Z Implied reported zero value	23	0.59	3869	100.00

Status Flag for LD37_2

ILD37_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	17	0.44	404	10.44
C Analyst corrected a cell that was blank	63	1.63	467	12.07
I Imputation for nonres, other than prior year	92	2.38	559	14.45
P Imputation for nonres. using prior year data	237	6.13	796	20.57
R Original data value was reported	3068	79.30	3864	99.87
Z Implied reported zero value	5	0.13	3869	100.00

Status Flag for LD38_1

ILD38_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	23	0.59	410	10.60
C Analyst corrected a cell that was blank	60	1.55	470	12.15
I Imputation for nonres, other than prior year	120	3.10	590	15.25
P Imputation for nonres. using prior year data	495	12.79	1085	28.04
R Original data value was reported	2758	71.28	3843	99.33
Z Implied reported zero value	26	0.67	3869	100.00

Status Flag for LD38_2

ILD38_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	26	0.67	413	10.67
C Analyst corrected a cell that was blank	107	2.77	520	13.44
I Imputation for nonres, other than prior year	104	2.69	624	16.13
J Data adjusted in scan edits in Jeffersonville	2	0.05	626	16.18
P Imputation for nonres. using prior year data	468	12.10	1094	28.28
R Original data value was reported	2770	71.59	3864	99.87
Z Implied reported zero value	5	0.13	3869	100.00

Status Flag for LD39_1

ILD39_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	16	0.41	403	10.42
C Analyst corrected a cell that was blank	21	0.54	424	10.96
I Imputation for nonres, other than prior year	164	4.24	588	15.20
J Data adjusted in scan edits in Jeffersonville	2	0.05	590	15.25
P Imputation for nonres. using prior year data	300	7.75	890	23.00
R Original data value was reported	2895	74.83	3785	97.83
Z Implied reported zero value	84	2.17	3869	100.00

Appendix E – Frequency Statistics

Academic Library Survey (ALS) 1996—Public-use

Status Flag for LD39_2

ILD39_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	17	0.44	404	10.44
C Analyst corrected a cell that was blank	42	1.09	446	11.53
I Imputation for nonres, other than prior year	134	3.46	580	14.99
J Data adjusted in scan edits in Jeffersonville	1	0.03	581	15.02
P Imputation for nonres. using prior year data	305	7.88	886	22.90
R Original data value was reported	2971	76.79	3857	99.69
Z Implied reported zero value	12	0.31	3869	100.00

Status Flag for LD40_1

ILD40_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	19	0.49	406	10.49
C Analyst corrected a cell that was blank	22	0.57	428	11.06
I Imputation for nonres, other than prior year	170	4.39	598	15.46
P Imputation for nonres. using prior year data	457	11.81	1055	27.27
R Original data value was reported	2730	70.56	3785	97.83
Z Implied reported zero value	84	2.17	3869	100.00

Status Flag for LD40_2

ILD40_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	34	0.88	421	10.88
C Analyst corrected a cell that was blank	61	1.58	482	12.46
I Imputation for nonres, other than prior year	146	3.77	628	16.23
P Imputation for nonres. using prior year data	452	11.68	1080	27.91
R Original data value was reported	2778	71.80	3858	99.72
Z Implied reported zero value	11	0.28	3869	100.00

Status Flag for LD41_1

ILD41_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	6	0.16	393	10.16
C Analyst corrected a cell that was blank	7	0.18	400	10.34
I Imputation for nonres, other than prior year	311	8.04	711	18.38
J Data adjusted in scan edits in Jeffersonville	1	0.03	712	18.40
P Imputation for nonres. using prior year data	541	13.98	1253	32.39
R Original data value was reported	2531	65.42	3784	97.80
Z Implied reported zero value	85	2.20	3869	100.00

Status Flag for LD41_2

ILD41_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	11	0.28	398	10.29
C Analyst corrected a cell that was blank	17	0.44	415	10.73
I Imputation for nonres, other than prior year	281	7.26	696	17.99
J Data adjusted in scan edits in Jeffersonville	1	0.03	697	18.01
P Imputation for nonres. using prior year data	531	13.72	1228	31.74
R Original data value was reported	2625	67.85	3853	99.59
Z Implied reported zero value	16	0.41	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LE42

ILE42	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	16	0.41	403	10.42
C Analyst corrected a cell that was blank	12	0.31	415	10.73
I Imputation for nonres, other than prior year	90	2.33	505	13.05
P Imputation for nonres. using prior year data	165	4.26	670	17.32
R Original data value was reported	3198	82.66	3868	99.97
Z Implied reported zero value	1	0.03	3869	100.00

Status Flag for LE43

ILE43	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	15	0.39	402	10.39
C Analyst corrected a cell that was blank	20	0.52	422	10.91
I Imputation for nonres, other than prior year	132	3.41	554	14.32
J Data adjusted in scan edits in Jeffersonville	1	0.03	555	14.34
P Imputation for nonres. using prior year data	344	8.89	899	23.24
R Original data value was reported	2968	76.71	3867	99.95
Z Implied reported zero value	2	0.05	3869	100.00

Status Flag for LE44

ILE44	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	30	0.78	417	10.78
C Analyst corrected a cell that was blank	61	1.58	478	12.35
I Imputation for nonres, other than prior year	102	2.64	580	14.99
P Imputation for nonres. using prior year data	292	7.55	872	22.54
R Original data value was reported	2996	77.44	3868	99.97
Z Implied reported zero value	1	0.03	3869	100.00

Status Flag for LE45

ILE45	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	23	0.59	410	10.60
C Analyst corrected a cell that was blank	54	1.40	464	11.99
I Imputation for nonres, other than prior year	109	2.82	573	14.81
P Imputation for nonres. using prior year data	411	10.62	984	25.43
R Original data value was reported	2885	74.57	3869	100.00

Status Flag for LE46

ILE46	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	98	2.53	485	12.54
C Analyst corrected a cell that was blank	6	0.16	491	12.69
I Imputation for nonres, other than prior year	1	0.03	492	12.72
P Imputation for nonres. using prior year data	3	0.08	495	12.79
R Original data value was reported	2832	73.20	3327	85.99
T Total adjusted to equal the sum of the detail	542	14.01	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LE47

ILE47	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	27	0.70	414	10.70
C Analyst corrected a cell that was blank	62	1.60	476	12.30
I Imputation for nonres, other than prior year	104	2.69	580	14.99
P Imputation for nonres. using prior year data	285	7.37	865	22.36
R Original data value was reported	3004	77.64	3869	100.00

Status Flag for LE48

ILE48	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	29	0.75	416	10.75
C Analyst corrected a cell that was blank	55	1.42	471	12.17
I Imputation for nonres, other than prior year	110	2.84	581	15.02
P Imputation for nonres. using prior year data	389	10.05	970	25.07
R Original data value was reported	2899	74.93	3869	100.00

Status Flag for LE49

ILE49	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	56	1.45	443	11.45
C Analyst corrected a cell that was blank	7	0.18	450	11.63
R Original data value was reported	2900	74.95	3350	86.59
T Total adjusted to equal the sum of the detail	519	13.41	3869	100.00

Status Flag for LE50

ILE50	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	15	0.39	402	10.39
C Analyst corrected a cell that was blank	34	0.88	436	11.27
I Imputation for nonres, other than prior year	101	2.61	537	13.88
P Imputation for nonres. using prior year data	220	5.69	757	19.57
R Original data value was reported	3112	80.43	3869	100.00

Status Flag for LE51

ILE51	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	31	0.80	418	10.80
C Analyst corrected a cell that was blank	80	2.07	498	12.87
I Imputation for nonres, other than prior year	101	2.61	599	15.48
J Data adjusted in scan edits in Jeffersonville	2	0.05	601	15.53
P Imputation for nonres. using prior year data	221	5.71	822	21.25
R Original data value was reported	3047	78.75	3869	100.00

Status Flag for LF52

ILF52	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	60	1.55	447	11.55
C Analyst corrected a cell that was blank	52	1.34	499	12.90
I Imputation for nonres, other than prior year	77	1.99	576	14.89
J Data adjusted in scan edits in Jeffersonville	1	0.03	577	14.91
P Imputation for nonres. using prior year data	132	3.41	709	18.33
R Original data value was reported	3160	81.67	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Status Flag for LF53

ILF53	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	136	3.52	523	13.52
C Analyst corrected a cell that was blank	49	1.27	572	14.78
I Imputation for nonres, other than prior year	126	3.26	698	18.04
J Data adjusted in scan edits in Jeffersonville	1	0.03	699	18.07
P Imputation for nonres. using prior year data	461	11.92	1160	29.98
R Original data value was reported	2702	69.84	3862	99.82
Z Implied reported zero value	7	0.18	3869	100.00

Status Flag for LF54

ILF54	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	387	10.00	387	10.00
A Analyst adjusted a reported value	133	3.44	520	13.44
C Analyst corrected a cell that was blank	77	1.99	597	15.43
I Imputation for nonres, other than prior year	116	3.00	713	18.43
N Original data field was blank	1	0.03	714	18.45
P Imputation for nonres. using prior year data	305	7.88	1019	26.34
R Original data value was reported	2846	73.56	3865	99.90
Z Implied reported zero value	4	0.10	3869	100.00

Highest Degree Offered

HDEGOFFR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank-Not available	1	0.03	1	0.03
00 Non Degree Granting	84	2.17	85	2.20
01 First Professional Degrees Only	55	1.42	140	3.62
10 Doctoral	239	6.18	379	9.80
11 Doctoral and First professional	355	9.18	734	18.97
20 Master's	856	22.12	1590	41.10
21 Master's and First professional	137	3.54	1727	44.64
30 Bachelors	717	18.53	2444	63.17
31 Bachelors and First professional	17	0.44	2461	63.61
40 Associates	1407	36.37	3868	99.97
41 Associates and First professional	1	0.03	3869	100.00

Fulltime undergraduate students

FTUNDER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Fulltime graduate students

FTGRAD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Part-time undergraduate students

PTUNDER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Part-time graduate students

PTGRAD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Total enrollment

ENROLL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Unrestricted E&G expenditures

B121	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Restricted E&G expenditures

B122	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Total E&G expenditures

B123	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Imputation indicator for B121

XB121	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	263	6.80	263	6.80
A Analyst adjusted a reported value	127	3.28	390	10.08
C Analyst corrected a cell that was blank	18	0.47	408	10.55
I Imputation for nonres, other than prior year	74	1.91	482	12.46
N Original data field was blank	49	1.27	531	13.72
P Imputation for nonres. using prior year data	316	8.17	847	21.89
R Original data value was reported	2585	66.81	3432	88.71
T Total adjusted to equal the sum of the detail	437	11.29	3869	100.00

Imputation indicator for B122

XB122	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	263	6.80	263	6.80
A Analyst adjusted a reported value	149	3.85	412	10.65
C Analyst corrected a cell that was blank	37	0.96	449	11.61
I Imputation for nonres, other than prior year	74	1.91	523	13.52
N Original data field was blank	180	4.65	703	18.17
P Imputation for nonres. using prior year data	316	8.17	1019	26.34
R Original data value was reported	2276	58.83	3295	85.16
T Total adjusted to equal the sum of the detail	574	14.84	3869	100.00

Imputation indicator for B123

XB123	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	263	6.80	263	6.80
A Analyst adjusted a reported value	119	3.08	382	9.87
C Analyst corrected a cell that was blank	6	0.16	388	10.03
I Imputation for nonres, other than prior year	74	1.91	462	11.94
N Original data field was blank	2	0.05	464	11.99
P Imputation for nonres. using prior year data	316	8.17	780	20.16
R Original data value was reported	2412	62.34	3192	82.50
T Total adjusted to equal the sum of the detail	677	17.50	3869	100.00

Appendix E – Frequency Statistics Academic Library Survey (ALS) 1996—Public-use

Total number of faculty 9/10

A74	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Total number of faculty 11/12

A149	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Valid value	3869	100.00	3869	100.00

Imputation indicator for A74

IMPA74	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	415	10.73	415	10.73
A Analyst adjusted a reported value	49	1.27	464	11.99
C Analyst corrected a cell that was blank	35	0.90	499	12.90
I Imputation for nonres, other than prior year	104	2.69	603	15.59
P Imputation for nonres. using prior year data	88	2.27	691	17.86
R Original data value was reported	2414	62.39	3105	80.25
T Total adjusted to equal the sum of the detail	229	5.92	3334	86.17
Z Implied reported zero value	535	13.83	3869	100.00

Imputation indicator for A149

IMPA149	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Blank	415	10.73	415	10.73
A Analyst adjusted a reported value	41	1.06	456	11.79
C Analyst corrected a cell that was blank	31	0.80	487	12.59
I Imputation for nonres, other than prior year	104	2.69	591	15.28
P Imputation for nonres. using prior year data	88	2.27	679	17.55
R Original data value was reported	1807	46.70	2486	64.25
T Total adjusted to equal the sum of the detail	183	4.73	2669	68.98
Z Implied reported zero value	1200	31.02	3869	100.00