

# Documentation for the Academic Libraries Survey (ALS) Public Use Data File:

Fiscal Year 2006



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July 2008

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I. Introduction .....	1
II. User's Guide .....	2
A. Survey Methodology .....	2
B. Guidelines for Processing the Academic Libraries Data File.....	6
III. Appendixes	
A. Record Layout.....	9
B. Survey Instrument and Instructions .....	21
C. Distribution of Continuous Variable Statistics on Academic Libraries Survey: 2006.....	35
D. Imputation Flag Frequencies on Academic Libraries Survey: 2006 .....	37
E. Crosswalk of Data Items/Variables between 2004 and 2006 Academic Libraries Survey .....	54
F. Response Rate Tables.....	56



## **I. Introduction**

This public-use file contains final data on academic libraries in the 50 states and the District of Columbia for 2006. The data were collected through the Academic Libraries Survey (ALS), a voluntary survey conducted biennially by the National Center for Education Statistics (NCES). The data collection agent was the U.S. Census Bureau.

### **Background**

An academic library is the library associated with a degree-granting institution of higher education. Academic libraries are identified by the post-secondary institution of which they are a part and provide 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; and 4) The physical facilities necessary to support such a collection, staff, and schedule.

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. In addition, a Library Representative is appointed in each state to serve as a data coordinator to support and encourage the survey respondents.

### **Purpose of Survey**

ALS provides NCES with the basic data needed to produce descriptive statistics for approximately 3,600 academic libraries in the 50 states, the District of Columbia, and the outlying areas of the United States. The ALS collects data on the libraries in the universe of 2-year and 4-year degree-granting postsecondary institutions in the United States. Collection of these data 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 academic libraries and academic library programs. Federal agencies that administer library grants for collections development, resource sharing and networking activities (i.e., the Institute of Museum and Library Services (IMLS), the National Commission on Libraries and Information Science (NCLIS), the National Library of Medicine (NLM), and the Library of Congress) require the data to evaluate the condition of academic libraries in order to better administer their 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 academic library operations and the profession.

## **Congressional Authorization**

The National Center for Education Statistics (NCES) of the Institute of Education Sciences (IES), U.S. Department of Education, is conducting this study, as authorized under Section 153(a) of the *Education Sciences Reform Act of 2002* (H.R. 3801) which states:

“(a) GENERAL DUTIES.—The Statistics Center shall collect, report, analyze, and disseminate statistical data related to education in the United States and in other nations, including—(1) collecting, acquiring, compiling (where appropriate, on a State-by-State basis), and disseminating full and complete statistics (disaggregated by the population characteristics described in paragraph (3)) on the condition and progress of education, at the...postsecondary...level[s] in the United States, including data on—

(E) access to, and opportunity for, postsecondary education...”

Activities for the Academic Libraries Survey are included in Subsection (e) of Part 1.

## **II. User’s Guide**

### **A. Survey Methodology**

The survey universe is comprised of all 2- and 4-year degree-granting postsecondary institutions with a library. This survey file contains final data on 3,617 academic libraries in the 50 states and the District of Columbia for the 2006 Academic Libraries Survey.

### **Survey Questionnaire**

The ALS data are collected over the Internet via a web-based reporting system. The web application includes a user guide and tutorial that explain its features and operation, the survey instrument, and an edit check tool. The web application was designed to minimize response burden, to improve data quality and timeliness, and to require minimal or no edit follow-up for data problems.

The FY 2006 survey collected data on public service hours, collections, library service transactions, staff, expenditures, electronic services, and information literacy. The questionnaire and instructions are provided in appendix C.

### **Reporting Period**

Library circulation, interlibrary loans, operating expenditures, and library collections data are for fiscal year (FY) 2006. Fiscal year 2006 is defined as any 12-month period between June 1, 2005, and September 30, 2006, that corresponds to the institution’s fiscal year. Library staff data are for fall 2006. Other library services data are for a typical week in the fall of 2006.



## **Survey Response Rate**

### **Unit Response**

There were 3,617 degree-granting postsecondary institutions in the 50 states and the District of Columbia that had academic libraries in 2006. The response rate among these 3,617 institutions was 88.8 percent.

### **Item Response**

The response rates for each variable in the ALS 2006 survey are given in Appendix F, Table F-1. Item response rates for items where all libraries are in-scope, or eligible to answer, are calculated dividing the total number of responding libraries by the total number of libraries in the universe (3,617) as the denominator. For items where some libraries are out-of-scope, the response rate is calculated as the ratio of the number of completed interviews to the number of in-scope libraries.

### **Data Collection and Processing**

The ALS survey was released on the web on November 22, 2006. The survey had a due date of March 22, 2007, although it was extended to April 20, 2007. Data are collected and processed for NCES by the U.S. Census Bureau, Governments Division. For the 2006 Web-based data collection, state-level library representatives were available to promote prompt responses from librarians.

### **Imputation**

After editing, there is still missing data. Imputation is the process of filling missing data with reasonable values in order to have a complete data set.

For estimation, institutions were grouped into 27 imputation cells. The imputation cells were determined based on sector and full-time equivalent (FTE) enrollment. The sector categories used are (1) public, 4-year or above; (2) private non-profit, 4-year or above; (3) private for profit, 4-year or above; (4) public, 2-year; (5) private non-profit, 2-year; and (6) private for profit, 2-year.

If a value was missing and prior year (FY 2004) data were available and were not expected to change, then the missing value was filled with the value in the prior year. For example, the number of reported Branches and Independent Libraries (Part A, line item 1) is likely to remain constant from year to year, so the prior year value was brought forward.

If a value was missing, prior year data were available, and the value is expected to change from the prior year, then the missing value was filled with the prior year value multiplied by the median growth rate within the imputation cell. For example, the number of Full-time Librarians (Part B, line item 2, column 1) is expected to change from year to year, so this imputation method is used.

If a value was missing and prior year data were unavailable, then data were imputed using the current year median cell distribution ratio. For example, impute E-books Added (Part D, line item 23, column 1) using the value of E-books Held (Part D, line item 23, column 2) multiplied by the median cell distribution ratio of E-books Added to E-books Held.

If there were missing current year data that prevented the use of a current year median cell distribution ratio, then the current year cell median was imputed. For example, if it was not possible to impute E-

books Added using a current year median cell distribution ratio because E-books Held was missing, then E-books Added was imputed with the current year cell median.

After imputation, if a total was missing or known to need adjustment, then the total was readjusted to equal the sum of its detail items.

No Electronic Services items in Part G were imputed because the questions were yes/no questions. Also, no items in Part H were imputed because the information literacy items were yes/no questions.

The use of FTE to determine imputation cells was not employed until 2002. The procedure of using medians instead of means for imputation also represents a change from past survey cycles. While research indicates that the effect of the change in imputation procedure was not large, caution should be exercised in making comparisons with 2000 or earlier reports.

### **Data Confidentiality**

Separate 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—the Privacy Act of 1974, the Education Sciences Reform Act of 2002, the USA Patriot Act of 2001, and the E-Government Act of 2002. These laws require NCES to ensure that the confidentiality of respondents is maintained. For this reason, data for the ALS are released as public-use and restricted-use files.

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

### **E. Uses of the Academic Libraries Survey Data**

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 congress, federal agencies that administer library grants, state education agencies (SEAs), 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 programs.
- Comparisons of the libraries at the national, regional, and state levels by SEAs.

- 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.

## **B. Guidelines for Processing the Academic Libraries Survey data file**

The Record Layout (appendix A) is the guide to the organization of the data file, including the variable names, what they stand for, and the variable values.

Public-use data files are available in ASCII and MS Access formats. These can be downloaded from the NCES website (<http://nces.ed.gov/surveys/libraries/>). See the website <http://nces.ed.gov/pubsearch/licenses.asp> for information about obtaining a license for restricted-use data files.

The ALS 2006 data files are named as follows.

1. Tab delimited ASCII (flat file) format:
  - ALS\_2006\_R.1.A.TXT (Restricted Use)
  - ALS\_2006\_P.1.A.TXT (Public Use)
2. MS ACCESS database:
  - ALS\_2006\_R.1.A.MDB (Restricted Use)
  - ALS\_2006\_P.1.A.MDB (Public Use)

The **file naming and versioning** convention applied for the ALS 2006 file is as follows:

Position 1-3: Survey (ALS)

Position 4: Underscore ( \_ )

Position 5-8: Year (2006)

Position 9: Underscore ( \_ )

Position 10: Restricted-use or Public-use (R or P)

Position 11: Period ( . )

Position 12: Release status (preliminary = 0, final = 1)

Position 13: Period ( . )

Position 14: subsequent versions, beginning with A (A - Z)

**SAS and SPSS program syntax files** to create SAS data files for analysis are also available on the same web page on which the data is available. These programs contain all the format, variable, and value label information necessary for creating a complete master file of all variables and data. The syntax files also contain code for generating the frequency statistics. The frequency statistics sections, however, are commented out in these syntax files, but can be activated at the user's discretion.

**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\_2006\_P.1.A.SAS.TXT.

The SPSS program to read the public-use file is Reas\_ALS\_2006\_P.1.A.SPS.TXT.

Users who prefer MS ACCESS format can download the ACCESS database. The ACCESS database has a single table that contains all the data from the ALS survey. Restricted-use files can be obtained only after an NCES data license has been approved. Data will be made available on CD-ROM, with appropriate documentation.

### **Record Identifier**

Institutions in ALS are identified by the UNITID that is the same identifier used 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. It is important to note that if the user wants to merge the ALS and IPEDS data files, that IPEDS defines UNITID as numeric. Merging the file requires that the UNITIDs be consistent.

### **Imputation Status Flags**

All variables were imputed for 405 non-responding libraries of the 3,617 institutions with academic libraries. Responses on particular variables were also imputed for partial respondents. An imputation "status" flag that shows whether or not it was imputed, and ALS Imputation and Suppression Codes: A = "Analyst adjusted a reported value"; C = "Analyst corrected a cell that was blank"; I = "Imputation for a cell that previously was a nonresponse, using a method other than prior year"; N = "Original data field was blank"; P = "Imputation for a cell that previously was a nonresponse, using prior year data"; R = "Original data value was reported"; S = "Not applicable, not imputed"; T = "Total replaced with sum of detail during imputation"; Z = "Implied reported zero value"; H = "the value for the variable was suppressed". Most respondents who completed forms left an item blank when they had no data for that item. An item left blank, therefore, should often be interpreted as a reported zero. For such cases, imputation procedure changed the imputation flag from "N" to "Z". This imputation was not performed on "Child" institutions and hence those records will show the value "N" for imputation flag if the original data field was blank.

The corresponding algorithm applied is available for each imputed variable. The naming convention for these flags is an 'X' followed by the variable name. If the value of that flag is "A", "C", "R," or "Z", the value for the associated variable was either the original data value reported or a value adjusted or corrected by the analyst. If the value of the flag is "I", "P", or "T", the value for the associated variable was imputed. To remove all imputed values from the data, the values of variables that have an imputation flag "I", "P", or "T" should be removed or not included on the analysis data file. (Note: The flag variables are single character fields.) If the value of the flag is "H," the value for the associated variable has been suppressed.

#### **D. Parent/Child (Branch) Records**

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

Although the child records do not include any library data, the records are included in the file so researchers can identify institutions that have or share a library. There are a total of 75 parent institutions that have children (i.e., 75 parent institutions have one or more child institution(s) associated with them in the ALS 2006). There are 227 child institutions associated with these parents that are retained on the data file, but, are not included in the calculations of the response rate.

The variable CYPARCH (current year parent/child indicator) indicates an institution's parent/child status. A '1' indicates a parent institution; a '2' indicates a child institution; and, an 'N' indicates no response. To remove child institutions from any analysis file, select institutions with the CYPARCH variable not equal to 2.

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

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## Appendixes

### Appendix A

Variable Name	Field Width	Field Type	Data Element Description	Source
UNITID	6	character	Unit identification Number: The unique unit identification number assigned to every institution in the universe.	Survey
INSTNM	100	character	Institution (entity) name	IPEDS
ADDR	100	character	Institution (entity) street address or post office box	IPEDS
CITY	30	character	City location of institution	IPEDS
STABBR	2	character	Post Office State abbreviation code. See FIPS state code.	IPEDS
ZIP	9	character	Zip + four (does not include dash). Last four positions may be blank	IPEDS
ADDR_M	100	character	Institution (entity) mailing address or post office box	Survey
CITY_M	30	character	City location of institution's mailing address	Survey
STABBR_M	2	character	Post Office State abbreviation code. See FIPS state code.	Survey
ZIP_M	9	character	Zip + four (does not include dash)of mailing address. Last four positions may be blank	Survey
FIPS	2	character	FIPS state code	IPEDS
ACT	1	character	Status of the institution  A - Active - institution active and not an add C - Combined - merged with another institution D - Delete - institution is out of business H - Areas search on hold pending verification I – Inactive due to Hurricane related problems M - Death with data - closed in current year N - New - added during the current year O - Out- of-scope - not within scope of universe P - Potential add - might be added Q - Potential restore - might be restored R - Restore - restored to the current universe S - Split - split into more than one institution U - Duplicate - UNITID previously assigned W - Wipe out - out-of-scope potential add X - Potential restore not within scope of IPEDS Z - Universe III - out-of-scope	IPEDS
OBereg	2	numeric	OBE region code 0 - US Service schools 1 - New England CT ME MA NH RI VT 2 - Mid East DE DC MD NJ NY PA 3 - Great Lakes IL IN MI OH WI 4 - Plains IA KS MN MO NE ND SD 5 – Southeast AL AR FL GA KY LA MS NC SC TN VA WV 6 - Southwest AZ NM OK TX 7 - Rocky Mountains CO ID MT UT WY 8 - Far West AK CA HI NV OR WA 9 - Outlying areas AS FM GU MH MP PR PW VI -3 - Not available	IPEDS
EIN	9	character	Employer identification number - assigned by Internal Revenue Service -1 - Not reported -2 - Not applicable Blank – Not available	IPEDS
DUNS	10	character	Dunn and Bradstreet identification number Blank - Not available	IPEDS
OPEID	8	character	Office of Postsecondary Education identification number for those institutions eligible to participate in Title IV programs	IPEDS

Variable Name	Field Width	Field Type	Data Element Description	Source
OPEFLAG	1	numeric	OPE eligibility indicator code 1 - Institution participates in Title IV federal financial aid programs 2 - Branch campus of a main campus that participates in Title IV 3 - Deferment only - limited participation 4 - New participants (became eligible during the Fall collection-IPEDS) 5 - Not currently participating in Title IV, has an OPE ID number 6 - Not currently participating in Title IV, does not have and OPE ID number	IPEDS
WEBADDR	100	character	Institution's internet website address	IPEDS
SECTOR	2	numeric	Sector of Institution (generated, based on response to IC survey)  0 - Administrative unit only (central, system, or corporate office) 1 - Public, 4-year or above 2 - Private nonprofit, 4-year and above 3 - Private for profit, 4-year and above 4 - Public, 2-year 5 - Private nonprofit, 2-year 6 - Private for-profit, 2-year 7 - Public, less-than-2-year 8 - Private nonprofit, less-than-2-year 9 - Private for profit, less-than-2-year -3 - Not available	IPEDS
ICLEVEL	2	numeric	Level of institution (generated, based on response to IC survey) 1 - Four or more years (Baccalaureate or higher degree) 2 - At least 2 but less than 4 years (below the Baccalaureate) 3 - Less than 2 years (below Associate's degree) -3 - Not available	IPEDS
CONTROL	2	numeric	Control of institution 1 - Public 2 - Private, non-profit 3 - Private, for profit -3 - Not available	IPEDS
HLOFFER	2	numeric	Highest level of offering (generated, based on response to IC survey) 0 - Other 1 - Postsecondary award, certificate or diploma of less than one academic year 2 - Postsecondary award, certificate or diploma of at least one but less than two academic years 3 - Associate's degree 4 - Postsecondary award, certificate or diploma of at least two but less than four academic years 5 - Bachelor's degree 6 - Postbaccalaureate certificate 7 - Master's degree 8 - Post-Master's certificate 9 - Doctor's degree blank - none of the above or no answer -2 - Not applicable, 1st professional only -3 - Not available	IPEDS
UGOFFER	2	numeric	Undergraduate offering (generated, based on IC response) 1 - Undergraduate degree or certificate offered 2 - No undergraduate offering -3 - Not available	IPEDS
GROFFER	2	numeric	Graduate offering (generated, based on response to IC) 1 - Graduate degree or certificate offered 2 - No graduate offering -3 - Not available	IPEDS



Variable Name	Field Width	Field Type	Data Element Description	Source
FPOFFER	2	numeric	First-professional offering (generated, based on response to IC survey) 1 - First-professional degree or first-professional certificate (Post-degree) 2 - No first-professional offering -3 - Not available	IPEDS
HDEGOFFR	2	numeric	Highest Degree offered 0 - Non-degree granting (certificates only) 1 - First-professional degrees only 10 - Doctoral 11 - Doctoral and First-professional 20 - Master's 21 - Master's and First-professional 30 - Bachelors 31 - Bachelors and First-professional 40 - Associates 41 - Associates and First-professional -3 - Not available	IPEDS
DEGRANT	2	numeric	Degree granting status 1 - Yes 2 - No -1 - Not reported	IPEDS
PCTMIN1	3	numeric	Percent minority, generated from 2006 Fall Enrollment survey - responding institutions only (does not include imputed data) Percent Black, non-Hispanic -1 - Not reported -3 - Not available	IPEDS
PCTMIN2	3	numeric	Percent minority, generated from 2006 Fall Enrollment survey - responding institutions only (does not include imputed data) Percent American Indian/Alaskan Native -1 - Not reported -3 - Not available	IPEDS
PCTMIN3	3	numeric	Percent minority, generated from 2006 Fall Enrollment survey - responding institutions only (does not include imputed data) Percent Asian/Pacific Islander -1 - Not reported -3 - Not available	IPEDS
PCTMIN4	3	numeric	Percent minority, generated from 2006 Fall Enrollment survey - responding institutions only (does not include imputed data) Percent Hispanic -1 - Not reported -3 - Not available	IPEDS
HBCU	2	numeric	Historically Black college or university (accredited institution of higher education established prior to 1964 with the principal mission of educating Black Americans.) 1 - Yes 2 - No -3 - Not available	IPEDS
HOSPITAL	2	numeric	Institution has hospital 1 - Yes 2 - No -3 - Not available	IPEDS
MEDICAL	2	numeric	Institution grants a medical degree 1 - Yes 2 - No -1 - Not reported -2 - Not applicable	IPEDS

Variable Name	Field Width	Field Type	Data Element Description	Source
TRIBAL	2	numeric	Tribal college 1- Yes 2 - No -3 - Not available	IPEDS
CARNEGIE	2	numeric	Carnegie Classification Code The 2000 Carnegie Classification includes all colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the U.S. Secretary of Education. The 2000 edition classifies institutions based on their degree-granting activities from 1995-96 through 1997-98. 15 Doctoral/Research Universities–Extensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. They award 50 or more doctoral degrees per year across at least 15 disciplines 16 Doctoral/Research Universities–Intensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. They award at least ten doctoral degrees/1 per year across three or more disciplines, 2 or at least 20 doctoral degrees per year overall. 21 - Master’s Colleges and Universities I: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master’s degree. They award 40 or more master’s degrees per year across three or more disciplines. 22 - Master’s (Comprehensive) Colleges and Universities II: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master’s degree. They award 20 or more master’s degrees per year. 31 - Baccalaureate Colleges–Liberal Arts: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. They award at least half of their baccalaureate degrees in liberal arts fields. 32 - Baccalaureate Colleges–General: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. They award less than half of their baccalaureate degrees in liberal arts fields. 33 - Baccalaureate/Associate’s Colleges: These institutions are undergraduate colleges where the majority of conferrals are at the subbaccalaureate level (associate’s degrees and certificates), but bachelor’s degrees account for at least ten percent of undergraduate awards. 40 - Associate’s Colleges: These institutions offer associate’s degrees and certificate programs but, with few exceptions, award no baccalaureate degrees. Specialized Institutions - These institutions offer degrees ranging from the bachelor’s to the doctorate, and typically award a majority of degrees in a single field. The list includes only institutions that are listed as separate campuses in the Higher Education Directory. Specialized institutions include: 51 - Theological seminaries and other specialized faith-related institutions: These institutions primarily offer religious instruction or train members of the clergy. 52 - Medical schools and medical centers: These institutions award most of their professional degrees in medicine. In some instances, they include other health professions programs, such as dentistry, pharmacy, or nursing.	IPEDS

Variable Name	Field Width	Field Type	Data Element Description	Source
			<p>53 - Other separate health profession schools: These institutions award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.</p> <p>54 - Schools of engineering and technology: These institutions award most of their bachelor's or graduate degrees in technical fields of study.</p> <p>55 - Schools of business and management: These institutions award most of their bachelor's or graduate degrees in business or business-related programs.</p> <p>56 - Schools of art, music, and design: These institutions award most of their bachelor's or graduate degrees in art, music, design, architecture, or some combination of such fields.</p> <p>57 - Schools of law: These institutions award most of their degrees in law.</p> <p>58 - Teachers colleges: These institutions award most of their bachelor's or graduate degrees in education or education-related fields.</p> <p>59 - Other specialized institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.</p> <p>60 - Tribal Colleges and Universities: These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium.</p> <p>NOTES ON DEFINITIONS</p> <p>1. Doctoral degrees are as defined in the Integrated Postsecondary Education Data System (IPEDS) of the U.S. Department of Education's National Center for Education Statistics (NCES). This includes the Ph.D. in any field as well as other doctoral-level degrees such as the Doctor of Education, Doctor of Juridical Science, and Doctor of Public Health. It excludes doctoral-level degrees defined as first-professional degrees in IPEDS. For more information, see <a href="http://nces.ed.gov/ipeds">http://nces.ed.gov/ipeds</a>.</p> <p>2. Distinct disciplines are determined by the 4-digit series of the Classification of Instructional Programs published by NCES. For more information, see <a href="http://nces.ed.gov/pubsearch/pubsinfo.aps?pubid=91396">http://nces.ed.gov/pubsearch/pubsinfo.aps?pubid=91396</a></p> <p>3. Liberal arts fields include the following fields (as listed in the Classification of Instructional Programs): English language and literature/letters; foreign languages and literatures; biological sciences/life sciences; mathematics; philosophy and religion; physical sciences; psychology; social sciences and history; visual and performing arts; area, ethnic, and cultural studies; liberal arts and sciences, general studies, and humanities; and multi/interdisciplinary studies.</p> <p>4. This group includes community, junior, and technical colleges.</p> <p>-2 - Not applicable -3 - Not available</p>	
LOCALE	2	numeric	<p>Locale codes - Degree of Urbanization</p> <p>11 - City: Large: Territory inside an urbanized area and inside a principal city with population of 250,000 or more.</p> <p>12 - City: Midsize: Territory inside an urbanized area and inside a principal city with population less than 250,000 and greater than or equal to 100,000.</p> <p>13 - City: Small: Territory inside an urbanized area and inside a principal city with population less than 100,000.</p> <p>21 - Suburb: Large: Territory outside a principal city and inside an urbanized area with population of 250,000 or more.</p> <p>22 - Suburb: Midsize: Territory outside a principal city and inside an urbanized area with population less than 250,000 and greater than or equal to 100,000.</p> <p>23 - Suburb: Small: Territory outside a principal city and inside an</p>	IPEDS

Variable Name	Field Width	Field Type	Data Element Description	Source
			<p>23 - Suburb: Small: Territory outside a principal city and inside an urbanized area with population less than 100,000.</p> <p>31 - Town: Fringe: Territory inside an urban cluster that is less than or equal to 10 miles from an urbanized area.</p> <p>32 - Town: Distant: Territory inside an urban cluster that is more than 10 miles and less than or equal to 35 miles from an urbanized area.</p> <p>33 - Town: Remote: Territory inside an urban cluster that is more than 35 miles of an urbanized area.</p> <p>41 - Rural: Fringe: Census-defined rural territory that is less than or equal to 5 miles from an urbanized area, as well as rural territory that is less than or equal to 2.5 miles from an urban cluster.</p> <p>42 - Rural: Distant: Census-defined rural territory that is more than 5 miles but less than or equal to 25 miles from an urbanized area, as well as rural</p> <p>43 - Rural: Remote: Census-defined rural territory that is more than 25 miles from an urbanized area and is also more than 10 miles from an urban cluster. American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the Virgin Islands, were not assigned a locale code because the geographic and governmental structures of these entities do not fit the definitional scheme used to derive the code.</p> <p>-3 - Not available</p>	
OPENPUBL	2	numeric	<p>Institution open to the general public</p> <p>1 - Yes</p> <p>0 - No</p>	IPEDS
DATSR	1	character	<p>Data source code - the media source used for returning data:</p> <p>1 - Internet/Web</p> <p>7 - Other, telephone</p> <p>N - not returned</p>	Derived
STATUS	1	character	<p>Response status code</p> <p>A code identifying the response status of the institution</p> <p>1 - Respondent</p> <p>3 - Nonrespondent to data and screening questions, not imputed</p> <p>4 - Nonrespondent, imputed</p> <p>5 - Nonrespondent to data (screening questions reported, out-of-scope), not imputed</p> <p>6 - Nonrespondent to data (screening questions reported, in-scope), not imputed</p>	Derived
EDITST	1	character	<p>Release status given to NCES</p> <p>1 - Record edited with no edit or critical flags</p> <p>2 - Record edited with critical edit flags, analyst accept</p> <p>3 - Record edited with critical edit flags remaining, NCES override</p> <p>4 - Record is on hold</p> <p>5 - Record failed the edits</p> <p>N - not edited</p>	Derived
EDITDATE	8	character	Most recent date edited (MMDDYYYY)	Derived
IMPUTE	1	character	<p>Impute indicator</p> <p>1 - at least one part is imputed</p> <p>0 - not imputed</p>	Derived
IMPDATE	8	character	Most recent date imputed (MMDDYYYY)	Derived
PARTAF1	1	character	<p>Imputation flag for line item 1. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are:</p> <p>1 - Total non-respondent for this part</p> <p>2 - Partial non-respondent for this part</p> <p>0 - Nothing imputed for this part/total respondent to this part</p> <p><b>*partaf1 will never be 2 because there is only one line item in this part.</b></p>	Derived

Variable Name	Field Width	Field Type	Data Element Description	Source
PARTBFLAG1	1	character	Imputation flag for line items 2-7, both columns. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
PARTBFLAG2	1	character	Imputation flag for fringe benefits, line items 8a and 8b. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
PARTCFLAG1	1	character	Imputation flag for the outer column of line items 10, 13, and 15-21. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part <b>Note: There is no partc – flag1 for line item 9 because this item will always be the same as line item 7, which has a part flag.</b>	Derived
PARTCFLAG2	1	character	Imputation flag for the inner column of line items 11, 12, and 14. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
PARTDFLAG1	1	character	Imputation flag for columns 1 and 2 of line items 22 and 24-27. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
PARTDFLAG2	1	character	Imputation flag for columns 1 and 2 of line item 23. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
PARTEFLAG1	1	character	Imputation flag for line items 28a-33. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
PARTEFLAG2	1	character	Imputation flag for line items 34a and 34b. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived

Variable Name	Field Width	Field Type	Data Element Description	Source
PARTEFLAG3	1	character	Imputation flag for line items 35 and 36. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
PARTFFLAG1	1	character	Imputation flag for line items 37-39. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
NCESDATE	8	character	Date the imputations were run by ESMPD at Census. The value of this variable should not change after the imputed file leaves ESMPD. (MMDDYYYY)	Derived
FTEUSED	8	numeric	2006 IPEDS Fall Collection full-time equivalent student enrollment based on Digest of Education Statistics formula	IPEDS
FTEFLAG	1	character	Flag to indicate FTE is estimated by Census. 1 - Estimated 0 - Not estimated	Derived
ELGCOLL	1	character	Institution has an organized collection of printed or other materials or a combination thereof 1 - Yes 2 - No N - No response	Survey
ELGSTAFF	1	character	Institution has a staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele 1 - Yes 2 - No N - No response	Survey
ELGSCHED	1	character	Institution has an established schedule in which services of the staff are available to clientele 1 - Yes 2 - No N - No response	Survey
ELGPHYS	1	character	Institution has the physical facilities necessary to support such a collection, staff, and schedule 1 - Yes 2 - No N - No response	Survey
FINSUPP	1	character	Institution provide financial support to another library 1 - Yes 2 - No N - nonresponse	Survey
CYPARCH	1	character	Current year parent/child indicator 1 - Parent (Combined data respondent; record contains data for more than one institution) 2 - Child (Data reported on another institution's record) N - No response	Survey
UNITIDX	6	character	The UNITID of the institution where the data are recorded if the CYPARCH code is equal to 2. The UNITID equals the UNITIDX if CYPARCH equals 1. -2 - Not applicable	Survey

Variable Name	Field Width	Field Type	Data Element Description	Source
LIBSHAR1	6	character	Shared library, 1 <sup>st</sup> UNITID	Survey
LIBNAME1	50	character	Name of institution library is shared with	Survey
LIBSHAR2	6	character	Shared library, 2 <sup>nd</sup> UNITID	Survey
LIBNAME2	50	character	Name of institution library is shared with	Survey
LIBSHAR3	6	character	Shared library, 3 <sup>rd</sup> UNITID	Survey
LIBNAME3	50	character	Name of institution library is shared with	Survey
XBRANCHES	1	character	Statusflag A - Analyst adjusted a reported value C - Analyst corrected a cell that was blank I - Imputation for a cell that previously was a nonresponse, using a method other than prior year N - Original data field was blank P - Imputation for a cell that previously was a nonresponse, using prior year data R - Original data value was reported S - Not applicable, not imputed T - Total replaced with sum of detail during imputation Z - Implied reported zero value H - Data suppressed	Survey
BRANCHES	6	numeric	Number of branch and independent libraries (exclude main or central library)	Survey
XSTLIBS	1	character	Statusflag	Survey
STLIBS	9,2	numeric	Librarians	Survey
XSTOTHPRO	1	character	Statusflag	Survey
STOTHPRO	9,2	numeric	Other professional staff	Survey
XSTLIBPRO	1	character	Statusflag	Survey
STLIBPRO	9,2	numeric	Total librarians and other professional staff (sum lines 02 and 03, col. 1)	Survey
XSTOTH	1	character	Statusflag	Survey
STOTH	9,2	numeric	All other paid staff (except student assistants)	Survey
XSTASST	1	character	Statusflag	Survey
STASST	9,2	numeric	Student assistants from all funding sources	Survey
XSTTOT	1	character	Statusflag	Survey
STTOT	9,2	numeric	Total full-time equivalent (FTE) staff (sum lines 04 through 06, col.1)	Survey
XSWLIBPRO	1	character	Statusflag	Survey
SWLIBPRO	12	numeric	Salaries and wages—librarians and other professional staff	Survey
XSWOTH	1	character	Statusflag	Survey
SWOTH	12	numeric	Salaries and wages—all other paid staff (except student assistants)	Survey
XSWASST	1	character	Statusflag	Survey
SWASST	12	numeric	Salaries and wages—student assistants from all funding sources	Survey
XSWTOT	1	character	Statusflag	Survey
SWTOT	12	numeric	Total salaries and wages for total full-time equivalent (FTE) staff (sum lines 04 through 06, col. 2)	Survey
XFRINGEYN	1	character	Statusflag	Survey
FRINGEYN	1	character	Are employee fringe benefits paid from the library budget 1 - Yes 2 - No N - nonresponse	Survey
XFRINGE	1	character	Statusflag	Survey
FRINGE	12	numeric	Employee fringe benefits (if paid from the library budget)	Survey

Variable Name	Field Width	Field Type	Data Element Description	Source
XEXBKS	1	character	Statusflag	Survey
EXBKS	12	numeric	Expenditures for Books, serial backfiles and other materials (one-time purchases)	Survey
XEXELBKS	1	character	Statusflag	Survey
EXELBKS	12	numeric	Expenditures for Electronic Books, electronic serial backfiles and other electronic materials (one-time purchases)	Survey
XEXAUD	1	character	Statusflag	Survey
EXAUD	12	numeric	Expenditures for Audiovisual	Survey
XEXCUSER	1	character	Statusflag	Survey
EXCUSER	12	numeric	Expenditures for Current serial subscriptions (ongoing commitments)	Survey
XEXELSER	1	character	Statusflag	Survey
EXELSER	12	numeric	Expenditures for Electronic serials	Survey
XEXDEL	1	character	Statusflag	Survey
EXDEL	12	numeric	Expenditures for Document deliver/interlibrary loan	Survey
XEXPRES	1	character	Statusflag	Survey
EXPRES	12	numeric	Expenditures for Preservation	Survey
XEXOTHIR	1	character	Statusflag	Survey
EXOTHIR	12	numeric	Other expenditures for information resources	Survey
XEXCOMP	1	character	Statusflag	Survey
EXCOMP	12	numeric	Expenditures for Computer hardware and software (include maintenance)	Survey
XEXBIB	1	character	Statusflag	Survey
EXBIB	12	numeric	Expenditures for Bibliographic utilities, networks and consortia	Survey
XEXOTH	1	character	Statusflag	Survey
EXOTH	12	numeric	All other operating expenditures	Survey
XEXTOT	1	character	Statusflag	Survey
EXTOT	12	numeric	Total expenditures (sum lines 09, 10, 13, 15 through 20)	Survey
XCOLELYN	1	character	Statusflag	
COLELYN	1	character	Library collection is entirely electronic 1 - Yes 2 - No N - nonresponse	Survey
XCOLBKSA	1	character	Statusflag	Survey
COLBKSA	12	numeric	Books, serial backfiles and other paper materials (include government documents) - added	Survey
XCOLEBKSA	1	character	Statusflag	Survey
COLEBKSA	12	numeric	E-Books - added	Survey
XCOLMICRA	1	character	Statusflag	Survey
COLMICRA	12	numeric	Microforms - added	Survey
XCOLAUDA	1	character	Statusflag	Survey
COLAUDA	12	numeric	Audiovisual materials - added	Survey
XCOLSERA	1	character	Statusflag	Survey
COLSERA	12	numeric	Current serial subscriptions - added	Survey
XCOLELREFA	1	character	Statusflag	Survey
COLELREFA	12	numeric	Electronic reference sources and aggregation services; added	Survey
XCOLBKSH	1	character	Statusflag	Survey
COLBKSH	12	numeric	Books, serial backfiles and other paper materials (include government documents) - held	Survey
XCOLEBKSH	1	character	Statusflag	Survey



Variable Name	Field Width	Field Type	Data Element Description	Source
COLEBKSH	12	numeric	E-Books - held	Survey
XCOLMICRH	1	character	Statusflag	Survey
COLMICRH	12	numeric	Microforms - held	Survey
XCOLAUDH	1	character	Statusflag	Survey
COLAUDH	12	numeric	Audiovisual materials - held	Survey
XCOLSERH	1	character	Statusflag	Survey
COLSERH	12	numeric	Current serial subscriptions – held	Survey
XCOLELREFH	1	character	Statusflag	Survey
COLELREFH	12	numeric	Electronic reference sources and aggregation services; held	Survey
XILPRET	1	character	Statusflag	Survey
ILPRET	12	numeric	Returnable	Survey
XILPNON	1	character	Statusflag	Survey
ILPNON	12	numeric	Non-returnable	Survey
XILPTOT	1	character	Statusflag	Survey
ILPTOT	12	numeric	Total provided (sum lines 28a and 28b)	Survey
XILRRET	1	character	Statusflag	Survey
ILRRET	12	numeric	Returnable	Survey
XILRNON	1	character	Statusflag	Survey
ILRNON	12	numeric	Non-returnable	Survey
XDOCDEL	1	character	Statusflag	Survey
DOCDEL	12	numeric	Documents delivered from commercial services	Survey
XILRTOT	1	character	Statusflag	Survey
ILRTOT	12	numeric	Total received (sum lines 30, 31 and 32)	Survey
XCRGEN	1	character	Statusflag	Survey
CRGEN	12	numeric	General circulation transactions	Survey
XCRRSV	1	character	Statusflag	Survey
CRRSV	12	numeric	Reserve circulation transactions	Survey
XPRESN	1	character	Statusflag	Survey
PRESEN	12	numeric	Number of presentations	Survey
XATTEND	1	character	Statusflag	Survey
ATTEND	12	numeric	Total attendance at all presentations	Survey
XHOURS	1	character	Statusflag	Survey
HOURS	8	numeric	Hours open in a typical week	Survey
XGATECT	1	character	Statusflag	Survey
GATECT	12	numeric	Gate count in a typical week	Survey
XREFTRANS	1	character	Statusflag	Survey
REFTRANS	12	numeric	Reference transactions in a typical week	Survey
XDOCDIGYN	1	character	Statusflag	Survey
DOCDIGYN	1	character	Documents digitized by the library staff 1 - Yes 2 - No N - No response	Survey
XLIBREFYN	1	character	Statusflag	Survey
LIBREFYN	1	character	Library reference service by e-mail or the Web 1 - Yes 2 - No N - No response	Survey
XTECHYN	1	character	Statusflag	Survey

Variable Name	Field Width	Field Type	Data Element Description	Source
TECHYN	1	character	Technology to assist patrons with disabilities (e.g., TDD, specially equipped work stations) 1 - Yes 2 - No N - No response	Survey
XTHESYN	1	character	Statusflag	Survey
THESYN	1	character	Electronic theses and dissertations produced by your students 1 - Yes 2 - No N - No response	Survey
XINFLITDEFYN	1	character	Statusflag	Survey
INFLITDEFYN	1	character	Definition of information literacy or of an information literate student 1 - Yes 2 - No N - nonresponse	Survey
XINFLITMISYN	1	character	Statusflag	Survey
INFLITMISYN	1	character	Incorporated information literacy in the institution's mission 1 - Yes 2 - No N - nonresponse	Survey
XINFLITPLNYN	1	character	Statusflag	Survey
INFLITPLNYN	1	character	Incorporated information literacy in the institution's strategic plan 1 - Yes 2 - No N - nonresponse	Survey
XINFLITCOMYN	1	character	Statusflag	Survey
INFLITCOMYN	1	character	Campus-wide committee to implement the strategic plan for information literacy 1 - Yes 2 - No N - nonresponse	Survey
XINFLITLIBYN	1	character	Statusflag	Survey
INFLITLIBYN	1	character	The strategic plan formally recognizes the library's role in information literacy instruction  1 - Yes 2 - No N - nonresponse	Survey

## Appendix B—Survey Instrument and Instructions

### SURVEY ELIGIBILITY

Please answer the following questions to determine if you are eligible to complete this survey:

- |    |  |        |
|----|--|--------|
| a. | Do you have an organized collection of printed or other materials or a combination thereof?  | Yes/No |
| b. | Do you have paid staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele? | Yes/No |
| c. | Do you have an established schedule in which services of the staff are available to clientele?   | Yes/No |
| d. | Does the library have the physical facilities necessary to support such a collection, staff, and schedule?   | Yes/No |

(This question will popup if any of the 4 questions above are answered no.)

- |    |   |        |
|----|---|--------|
| e. | Does your institution provide financial support to another library? | Yes/No |
|----|---|--------|

Thank you for your time.

## ACADEMIC LIBRARIES SURVEY

### PART A – NUMBER OF PUBLIC SERVICE OUTLETS, FY 2006

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

### PART B – LIBRARY STAFF, FALL 2006 AND SALARIES/WAGES, FY 2006

(Exclude maintenance and custodial staff, volunteers and contributed services staff)  
 Note: Report FTE data to two decimals.

Line No.	Staff	FALL 2006 Number of full-time equivalents (FTEs) (1)	FY 2006 Salaries and wages (whole dollars only) (2)
02	Librarians	_____	
03	Other professional staff	_____	
04	<b>Total librarians and other professional staff</b> (sum lines 02 and 03, col. 1)	_____	\$ _____
05	All other paid staff (except student assistants)	_____	\$ _____
06	Student assistants from all funding sources	_____	\$ _____
07	<b>Total full-time equivalent (FTE) staff</b> (sum lines 04 through 06, cols. 1 & 2)	_____	\$ _____
08a	Are employee fringe benefits paid from the library budget? If no, select "N" and skip to Part C, line 10		_____ (Yes/No)
08b	Employee fringe benefits (if paid from library budget)		\$ _____

# ACADEMIC LIBRARIES SURVEY

## PART C - LIBRARY EXPENDITURES, FY 2006

Note: See instructions for exclusions and definitions.

<b>Line No.</b>		<b>Amount (whole dollars only)</b>
09	<b>Total salaries and wages (same as line 07, col. 2):</b>	\$ _____
	<b>Information resources:</b>	
10	<b>One-time purchases of books, serial backfiles and other materials</b>	\$ _____
11	Electronic      \$ _____	
12	Audiovisual     \$ _____	
13	<b>Ongoing commitments to serial subscriptions</b>	\$ _____
14	Electronic serials \$ _____	
	<b>Other information resources:</b>	
15	Document delivery/interlibrary loan	\$ _____
16	Preservation	\$ _____
17	Other expenditures for information resources	\$ _____
	<b>Operating expenditures:</b>	
18	Computer hardware and software (include maintenance)	\$ _____
19	Bibliographic utilities, networks and consortia	\$ _____
20	All other operating expenditures	\$ _____
21	<b>TOTAL EXPENDITURES</b> (Sum lines 09, 10, 13, 15 through 20)	\$ _____

**ACADEMIC LIBRARIES SURVEY**

**PART D – LIBRARY COLLECTIONS, FY 2006**

**Is the library collection entirely electronic?    Yes/No    \_\_\_\_\_**

<b>Line No.</b>	<b>Collections</b>	<b>Added during the Fiscal Year (1)</b>	<b>Held at end of Fiscal Year (2)</b>
22	Books, serial backfiles and other paper materials (include government documents)	_____	_____
23	E-Books	_____	_____
24	Microforms	_____	_____
25	Audiovisual materials	_____	_____
26	Current serial titles	_____	_____
27	Electronic reference sources and aggregation services	_____	_____

**ACADEMIC LIBRARIES SURVEY**

**PART E – LIBRARY SERVICES, FY 2006**

Note: See instructions for exclusions and definitions.

<b>Line No.</b>	<b>Services</b>	<b>Number</b>
<b>Interlibrary loans and documents <u>provided</u> to other libraries:</b>		
28a	Returnable	_____
28b	Non-returnable	_____
29	<b>Total provided</b> (sum lines 28a and 28b)	_____
<b>Interlibrary loans and documents <u>received</u>:</b>		
30	Returnable	_____
31	Non-returnable	_____
32	Documents received from commercial services	_____
33	<b>Total received</b> (sum lines 30, 31, 32)	_____
<b>Circulation:</b>		
34a	General circulation transactions	_____
34b	Reserve circulation transactions	_____
<b>Information services to groups:</b>		
35	Number of presentations	_____
36	Total attendance at all presentations	_____

# ACADEMIC LIBRARIES SURVEY

## PART F – LIBRARY SERVICES, TYPICAL WEEK, FALL 2006

Note: See instructions for exclusions and definitions.

<b>Line No.</b>	<b>Services</b>	<b>Number in a typical week</b>
37	Number of weekly public service hours	_____
38	Gate count in a typical week	_____
39	Reference transactions in a typical week	_____



# ACADEMIC LIBRARIES SURVEY

## PART G – ELECTRONIC SERVICES, FY 2006

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

<b>Line No.</b>	<b>Services</b>	<b>Yes/No</b>
	<b>Does your library provide the following?</b>	
40	Documents digitized by the library staff	_____
41	Library reference service by e-mail or the Web	_____
42	Technology to assist patrons with disabilities (e.g., TDD, specially equipped work stations)	_____
43	Electronic theses and dissertations produced by your students	_____

## ACADEMIC LIBRARIES SURVEY

### PART H – INFORMATION LITERACY, FY 2006

Note: See instructions for definition.

Please respond to each item by selecting “Yes” or “No”.

<b>Line No.</b>	<b>Does your institution have the following, or has it done the following?</b>	<b>Yes/No</b>
44	A definition of information literacy or of an information literate student	_____
45	Incorporated information literacy in the institution’s mission	_____
46	Incorporated information literacy in the institution’s strategic plan. If no, select “N” and skip lines 46a and 46b.	_____
46a	An institution-wide committee to implement the strategic plan for information literacy	_____
46b	The strategic plan formally recognizes the library’s role in information literacy instruction	_____

## Instructions for the Academic Libraries Survey – FY 2006

### GENERAL INSTRUCTIONS

Please respond to each item in this survey in the place provided. If the appropriate answer for an item is zero or none, use "0." If you do not collect data for an item, provide your best estimate. **PLEASE DO NOT LEAVE ANY ITEMS BLANK.** If an item is left blank, NCES will estimate a value. Include data for the main or central library and all branch and independent libraries that were open all or part of fiscal year 2006.

**LIBRARY** - An entity that provides all of the following:

1. An organized collection of printed or other materials or a combination thereof
2. A paid staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele
3. An established schedule in which services of the staff are available to clientele
4. The physical facilities necessary to support such a collection, staff, and schedule.

This includes libraries that are part of learning resource centers.

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

1. **Fiscal year 2006** - Any 12-month period between June 1, 2005 and September 30, 2006 which corresponds to your institution's fiscal year (for Parts A, B, C, D, E, G, and H).
2. **Typical week, Fall 2006** - A typical week is one that is neither unusually busy nor unusually slow. Avoid vacation periods for key staff or days when unusual events are taking place on the campus or in the library. Choose a week in which the library is open its regular hours. Include any seven consecutive calendar days (for Part F).
3. **Fall 2006** - The period during the fall of 2006 when the survey form is being completed (for Part B).

#### PART A - NUMBER OF PUBLIC SERVICE OUTLETS, FISCAL YEAR 2006

**Branch and independent libraries (line 01)** - Report the number of branch and independent libraries at your institution that were open all or part of fiscal year 2006. **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 2006 AND SALARIES/WAGES, FY 2006

**Column (1), Full-time equivalent (FTE) employees (lines 02-07)** - Report the number of filled or temporarily vacant FTE positions during Fall 2006 paid from funds under library control. To compute FTEs of part-time employees and student assistants, take the **TOTAL** number of hours worked per week by part-time employees **IN EACH CATEGORY** and divide it by the number of hours **CONSIDERED BY THE REPORTING LIBRARY TO BE A**

FULL-TIME WORK WEEK (e.g., 60 hours per week of part-time work divided by 40 hours per full-time week equals 1.50 FTE). Data should be reported to two decimal places.

Do NOT report contributed services staff, such as members of religious orders, whose services are valued by bookkeeping entries rather than by full cash transactions. DO NOT include volunteers.

**Column (2), Salaries and wages (lines 04-07)** - Report expenditures in FY 2004 for full-time and part-time salaries and wages before deductions. Exclude employee fringe benefits provided by your institution for all regular library staff that may be reported on line 08b. Include salaries and wages from all sources paid to students serving on an hourly basis, if available (e.g., College Work Study Program). Exclude maintenance and custodial staff, volunteers, and contributed services staff.

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

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

**Total librarians and other professional staff (line 04)** - Report the sum of lines 02 and 03, column 1.

**All other paid staff (except student assistants) (line 05)** - Report the total FTE of all other library staff who are paid annual salaries or hourly wages except students paid hourly, who are reported on line 06. Include technical and clerical staff, but exclude maintenance and custodial staff, volunteers, and contributed services staff.

**Student assistants from all funding sources (line 06)** - 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, volunteers, and contributed services staff.

**Total FTE staff (line 07)** - Report the sum of lines 04 through 06, columns 1 and 2.

**Employee fringe benefits (line 08a)** - If benefits are paid from the library budget, select "Y" and report the amount in line 08b. If benefits are not paid from the library budget, select "N" and skip to Part C, line 10.

**(line 08b)** - If benefits are paid from the library budget, report the amount here.

## Part C - Library Expenditures, Fiscal Year 2006

**Total salaries and wages (line 09)** - This line will automatically be filled in from the total Salaries and Wages Expenditures line 07, column 2, in Part B.

**Expenditures on information resources and operations (lines 10-21)** - Report funds expended by the library in fiscal year 2006 (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 that corresponds to your library's fiscal year between the calendar period June 1, 2005 to September 30, 2006. 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.

**Information resources (lines 10-17)** -

**One time purchases of books, serial backfiles, and other materials (line 10)** - Report expenditures for published materials in all formats except current subscriptions to serials.

Electronic (line 11) - Report expenditures that are not current subscriptions to serials (i.e. are non-subscription, one-time, or monographic in nature) for software and machine-readable materials considered part of the collections. Examples include serial backfiles, literature collections, and one-time costs for electronic backfiles, etc. These expenditures have already been reported as part of line 10 above. Therefore, line 11 is not added into Total Expenditures on line 21.

**Audiovisual (line 12)** - 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. These expenditures have already been reported as part of line 10 above. Therefore, line 12 is not added into Total Expenditures on line 21.

**Ongoing commitments to current serial subscriptions (line 13)** - Report expenditures for ongoing subscriptions to serials in all formats. 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.

**Electronic serials (line 14)** – Report subscription expenditures (or those which are expected to be ongoing commitments) for serial publications whose primary format is electronic. Examples include paid subscriptions for electronic journals and indexes/abstracts available via the Internet, CD-ROM serials, and annual access fees. These expenditures have already been reported as part of line 13. Therefore, line 14 is not added into Total Expenditures on line 21.

#### **Other Information Resources (lines 15-17) -**

**Document delivery/interlibrary loan (line 15)** - Report expenditures for document delivery and interlibrary loan services. Include fees paid for photocopies, costs of facsimile transmission, royalties and access fees paid to provide document delivery or interlibrary loan. Include fees paid to bibliographic utilities if the portion paid for interlibrary loan can be separately counted. Do not count expenditures related to transactions between the main or central library and any libraries reported in Part A, transactions between libraries reported in Part A, or expenditures for on campus delivery.

**Preservation (line 16)** - Report expenditures associated with maintaining library and archival materials for use either in their original physical form or in some other usable way. This includes but is not limited to binding and rebinding, materials conservation, deacidification, lamination, and restoration. Do not include staff salaries and wages.

**Other expenditures for information resources (line 17)** - Report any other collection expenditures not already included on lines 9, 12, 14, and 15, such as expenditures for cartographic materials and manuscripts. Include copyright fees and fees for database searches.

#### **Operating Expenditures (lines 18-20) -**

**Computer hardware and software (line 18)** - Report expenditures from the library's operating budget for computer hardware and software used to support library operations, whether purchased or leased, local or remote. 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 19)** - Report expenditures from the library operating budget for services provided by national, regional, and local bibliographic utilities, networks, and consortia. Exclude expenditures already reported on lines 11, 14, and 15.

**All other operating expenditures (line 20)** - Report all other expenditures from the library's operating budget not already reported on lines 09 through 19 except employee fringe benefits that are reported on line 08b. Exclude capital expenditures for new buildings and building renovations. Include all expenditures for furniture and equipment except computer hardware, which should be reported on line 18. Include any related maintenance costs.

**Total Expenditures (line 21)** - Report the sum of lines 09, 10, 13, 15 through 20.

Part D - Library Collections, Fiscal Year 2006

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

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

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

**Books, serial backfiles and other paper materials (include government documents) (line 22)** - Report the number of volumes using the ANSI/NISO Z39.7-1995 definition for volume, which is as follows: A single physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, distinguished from other units by a separate binding, encasement, portfolio, or other clear distinction, which has been cataloged, classified, and made ready for use, and which is typically the unit used to charge circulation transactions. Include duplicates and bound volumes of periodicals. For purposes of this questionnaire, unclassified bound serials arranged in alphabetical order are considered classified. Exclude microfilms, maps, nonprint materials, and uncataloged items. Include Government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs.

**E-Books (line 23)** - Report the number of electronic monographs that have been cataloged by your library and are accessible through the library's catalog.

**Microforms (line 24)** - Report units of all photographic reproduction 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.

**Audiovisual Materials (line 25)** - Report units of all library materials that are displayed by visual projection or magnification or through sound reproduction, or both, including graphic materials, audio materials (include audio books), motion pictures, video materials, and special visual materials such as three-dimensional materials.

**Current serial titles (line 26)** - Report the total number of titles in all formats. If the title comes in both paper and electronic form, count it twice. Count each individual title if it is received as part of a publisher's package. Include paper and microfilm government documents issued serially if they are accessible through the library's catalog. Report indexing and abstracting services that may contain full-text in line 27.

**Electronic reference sources and aggregation services (line 27)** - Report the total number of citation indexes and abstracts; full-text article databases; full-text reference sources (e.g., encyclopedias, almanacs, biographical and statistical sources and other quick fact-finding sources); and dissertation and conference proceedings databases. Licensed electronic resources also include those databases that institutions mount locally. [Aggregation services are defined by NISO z39.7-2004 as "4.10.3.2 Aggregated Full Text Databases: Collection of both bibliographic references and full text articles from periodical and/or other titles presented on a continuous basis that may relate to a common discipline or may provide multi-disciplinary coverage. This includes electronic reference and indexing tools which, if existed in print form, would be counted as periodicals. The content of aggregated full text databases consists predominately of full text articles rather than bibliographic references without associated full text, although both may be represented in the database."]

## Part E - Library Services, Fiscal Year 2006

**Interlibrary loans and documents (lines 28-33)** - On lines 28a and 28b, report the number of filled requests for material provided to other libraries. On lines 30 and 31, report the number of filled requests for material received. 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 28a and 30)** - 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 28b and 31)** - 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.

**Documents delivered from commercial services (line 32)** - Report the number of documents from commercial document delivery services received by your users. Count all transactions for which the library pays even if library staff is not involved in the transaction. Include documents received by regular or express mail, by fax, or in electronic form.

**Total provided (line 29)** - Sum lines 28a and 28b. **Total received (line 33)** - Sum lines 30, 31, and 32.

**General circulation transactions (line 34a)** - Report the number of items lent from the general collection. Include both initial transactions and renewals.

**Reserve circulation transactions (line 34b)** - Report reserve transactions of all types. Include both initial transactions and renewals.

**Information services to groups (lines 35 and 36)** - Report the total number of presentations (line 35) and the total number of persons attending or served by those presentations (line 36). Information services to groups are presentations at which a staff member or person invited by a staff member provides information intended for a number of persons and planned in advance. These services may be either bibliographic instruction or library use presentations, or cultural, recreational, or educational presentations. Presentations both on and off the library premises should be included, as long as they are sponsored by the library. Do not include meetings sponsored by other groups using library meeting rooms.

## Part F - Library Services - Typical Week, Fall 2006

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 2006 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.

**Number of weekly public service hours (line 37)** - Report an unduplicated count of the total public service hours for physical libraries per typical full-service week (i.e., no holidays or other special accommodations) across both main library and branches using the following method (corresponds to IPEDS): 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 these hours, the figure remains 40 hours per week. Should Branch A also be open one evening from 7:00 p.m. to 9:00 p.m., the total hours during which users can find service somewhere within the system becomes 42 hours per week. If Branch B is open the same hours on the same evening, the count is still 42, but if Branch B is open two hours on another evening, or remains open two hours later, the total is then 44 hours per week. Exclude 24-hour unstaffed reserve or similar reading rooms. The maximum total is 168 (i.e., a staffed reading room open 7 days per week, 24 hours per day).

**Gate count in a typical week (line 38)** - 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 39)** - Report the total number of reference transactions in a typical week. A reference transaction is an information contact that involves the knowledge, use, commendation, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including assistance with computer searching), the Web, catalogs and other holdings records, and, through communication or referral, other libraries and institutions, and persons both inside and outside the library. Include transactions in person, by phone, by e-mail, by the Web, and count transactions that take place at the reference desk, as well as elsewhere. 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 – Fiscal Year 2006

This section requests information about the electronic services provided by the library. The questions require a "yes" or "no" response.

#### Part H - Information Literacy – Fiscal Year 2006

Information Literacy is the set of skills needed to find, retrieve, analyze, and use information. The questions require a "yes" or "no" response.



**Appendix C—Distribution of Continuous Variables on Academic Libraries Survey: 2006**

Variable	Label	Minimum	Maximum	Mean
PCTMIN1	Percent Black	0.0	100.0	13.9
PCTMIN2	Percent American Indian/Alaskan Native	0.0	100.0	1.6
PCTMIN3	Percent Asian/Pacific Islander	0.0	100.0	4.3
PCTMIN4	Percent Hispanic	0.0	100.0	9.5
FTEUSED	FTE	0.0	92,103.0	3,618.8
BRANCHES	Number of branch and independent libraries	0.0	38.0	0.7
STLIBS	Librarians	0.0	420.2	6.8
STOTHPRO	Other professional staff	0.0	187.4	1.8
STLIBPRO	Total librarians and other professional staff	0.0	553.0	8.6
STOTH	All other paid staff	0.0	580.2	9.3
STASST	Student assistants from all funding sources	0.0	199.0	6.3
STTOT	Total full-time equivalent staff	0.0	1,264.9	24.2
SWLIBPRO	Salaries and wages - librarians and other professional staff	0.0	36,580,196.0	436,982.0
SWOTH	Salaries and wages - all other paid staff	0.0	19,745,689.0	273,533.6
SWASST	Salaries and wages - student assistants	0.0	2,794,295.0	58,509.9
SWTOT	Total salaries and wages for total full-time equivalent staff	0.0	58,047,310.0	697,090.9
FRINGE	Employee fringe benefits (if paid from library budget)	0.0	20,026,110.0	102,939.5
EXBKS	Books, serial backfiles and other materials (one-time purchases)	0.0	21,060,332.0	180,444.2
EXELBKS	Electronic	0.0	3,208,375.0	24,043.5
EXAUD	Audiovisual	0.0	1,385,834.0	10,006.3
EXCUSER	Current serial subscriptions (ongoing commitments)	0.0	12,566,741.0	388,951.2
EXELSER	Electronic serials	0.0	7,001,462.0	176,839.2
EXDEL	Document delivery/interlibrary loan	0.0	544,428.0	6,772.1
EXPRES	Preservation	0.0	1,451,925.0	10,502.0
EXOTHIR	Other expenditures for information resources	0.0	3,486,467.0	20,772.1
EXCOMP	Computer hardware and software (include maintenance)	0.0	5,001,518.0	39,163.0
EXBIB	Bibliographic utilities, network and consortia	0.0	1,695,449.0	27,160.6
EXOTH	All other operating expenditures	0.0	20,573,569.0	117,076.4
EXTOT	Total expenditures	0.0	105,809,083.0	1,595,739.1
COLBKSA	Books, serial backfiles and other paper materials - added	0.0	281,420.0	5,702.0
COLEBKSA	E-Books - added	0.0	404,595.0	4,161.0
COLMICRA	Microfilms - added	0.0	1,700,000.0	4,727.3
COLAUDA	Audiovisual Materials - added	0.0	993,773.0	1,309.7
COLSERA	Current Serial Subscriptions - added	0.0	78,000.0	555.5
COLBKSH	Electronic reference sources - added	0.0	771,840.0	417.3
COLBKSH	Books, serial backfiles and other paper materials - held	0.0	15,826,570.0	259,586.8
COLEBKSH	E-Books - held	0.0	1,488,106.0	16,479.5
COLMICRH	Microfilms - held	0.0	10,123,626.0	297,947.5
COLAUDH	Audiovisual Materials - held	0.0	7,194,899.0	25,334.5
COLSERH	Current Serial Subscriptions - held	0.0	191,712.0	4,228.6
COLELREFH	Electronic reference sources - held	0.0	1,040,692.0	1,002.0
ILPRET	ILL provided, returnable	0.0	158,563.0	1,576.8

Variable	Label	Minimum	Maximum	Mean
ILPNON	ILL provided, non-returnable	0.0	122,518.0	1,177.6
ILPTOT	ILL provided, total	0.0	177,020.0	2,754.4
ILRRET	ILL received, returnable	0.0	126,676.0	1,269.1
ILRNON	ILL received, non-returnable	0.0	75,331.0	1,044.3
DOCDEL	Documents delivered from commercial services	0.0	329,739.0	304.5
ILRTOT	ILL received, total	0.0	330,474.0	2,617.9
CRGEN	General circulation transactions	0.0	2,771,993.0	36,888.9
CRRSV	Reserve circulation transactions	0.0	2,255,849.0	11,156.6
PRESEN	Number of presentations	0.0	4,508.0	120.9
ATTEND	Total attendance at all presentations	0.0	55,221.0	2,131.1
HOURS	Hours open in a typical week	0.0	168.0	71.6
GATECT	Gate count in a typical week	0.0	136,000.0	4,825.7
REFTRANS	Reference transactions in a typical week	0.0	9,998.0	288.7

**Appendix D—Variable Frequencies on Academic Libraries Survey: 2006**

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
ACT	3925	100	3925	100	
OBE Region Code	0	5	0.13	5	0.13
	1	254	6.47	259	6.6
	2	605	15.41	864	22.01
	3	578	14.73	1442	36.74
	4	416	10.6	1858	47.34
	5	946	24.1	2804	71.44
	6	355	9.04	3159	80.48
	7	136	3.46	3295	83.95
	8	549	13.99	3844	97.94
	9	81	2.06	3925	100
OPE eligibility indicator	1	3882	98.9	3882	98.9
	2	39	0.99	3921	99.9
	3	3	0.08	3924	99.97
	5	1	0.03	3925	100
OPEFLAG	1	3882	98.9	3882	98.9
	2	39	0.99	3921	99.9
	3	3	0.08	3924	99.97
	5	1	0.03	3925	100
SECTOR	1	656	16.71	656	16.71
	2	1463	37.27	2119	53.99
	3	409	10.42	2528	64.41
	4	999	25.45	3527	89.86
	5	90	2.29	3617	92.15
	6	308	7.85	3925	100
ICLEVEL	1	2528	64.41	2528	64.41
	2	1397	35.59	3925	100
CONTROL	1	1655	42.17	1655	42.17
	2	1553	39.57	3208	81.73
	3	717	18.27	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
HLOFFER	-2	35	0.89	35	0.89
	3	1010	25.73	1045	26.62
	4	387	9.86	1432	36.48
	5	723	18.42	2155	54.9
	6	38	0.97	2193	55.87
	7	828	21.1	3021	76.97
	8	210	5.35	3231	82.32
	9	694	17.68	3925	100
UGOFFER	1	3681	93.78	3681	93.78
	2	244	6.22	3925	100
GROFFER	1	1770	45.1	1770	45.1
	2	2155	54.9	3925	100
FPOFFER	1	536	13.66	536	13.66
	2	3389	86.34	3925	100
HDEGOFFR	1	35	0.89	35	0.89
	10	330	8.41	365	9.3
	11	364	9.27	729	18.57
	20	912	23.24	1641	41.81
	21	126	3.21	1767	45.02
	30	749	19.08	2516	64.1
	31	10	0.25	2526	64.36
	40	1399	35.64	3925	100
DEGGRANT	1	3925	100	3925	100
HBCU	-3	56	1.43	56	1.43
	1	99	2.52	155	3.95
	2	3770	96.05	3925	100
HOSPITAL	-3	56	1.43	56	1.43
	1	87	2.22	143	3.64
	2	3782	96.36	3925	100
MEDICAL	-2	16	0.41	16	0.41
	1	164	4.18	180	4.59
	2	3745	95.41	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
TRIBAL	-3	56	1.43	56	1.43
	1	31	0.79	87	2.22
	2	3838	97.78	3925	100
CARNEGIE	-3	528	13.45	528	13.45
	15	151	3.85	679	17.3
	16	106	2.7	785	20
	21	489	12.46	1274	32.46
	22	110	2.8	1384	35.26
	31	218	5.55	1602	40.82
	32	315	8.03	1917	48.84
	33	54	1.38	1971	50.22
	40	1355	34.52	3326	84.74
	51	198	5.04	3524	89.78
	52	48	1.22	3572	91.01
	53	81	2.06	3653	93.07
	54	53	1.35	3706	94.42
	55	33	0.84	3739	95.26
	56	76	1.94	3815	97.2
	57	21	0.54	3836	97.73
	58	5	0.13	3841	97.86
	59	54	1.38	3895	99.24
	60	30	0.76	3925	100
LOCALE	-3	7	0.18	7	0.18
	11	855	21.78	862	21.96
	12	425	10.83	1287	32.79
	13	524	13.35	1811	46.14
	21	746	19.01	2557	65.15
	22	106	2.7	2663	67.85
	23	73	1.86	2736	69.71
	31	119	3.03	2855	72.74
	32	265	6.75	3120	79.49
	33	268	6.83	3388	86.32
	41	379	9.66	3767	95.97
	42	97	2.47	3864	98.45
	43	61	1.55	3925	100
OPENPUBL	1	3925	100	3925	100
DATSRC	1	3888	99.06	3888	99.06
	N	37	0.94	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
STATUS	1	3490	88.92	3490	88.92
	3	19	0.48	3509	89.4
	4	416	10.6	3925	100
EDITST	1	512	13.04	512	13.04
	2	2777	70.75	3289	83.8
	5	13	0.33	3302	84.13
	N	623	15.87	3925	100
IMPUTE	0	1418	36.13	1418	36.13
	1	2507	63.87	3925	100
PARTAFLAG1	0	3461	88.18	3461	88.18
	1	464	11.82	3925	100
PARTBFLAG1	0	3361	85.63	3361	85.63
	1	414	10.55	3775	96.18
	2	150	3.82	3925	100
PARTBFLAG2	0	3848	98.04	3848	98.04
	1	77	1.96	3925	100
PARTCFLAG1	0	3298	84.03	3298	84.03
	1	491	12.51	3789	96.54
	2	136	3.46	3925	100
PARTCFLAG2	0	3018	76.89	3018	76.89
	1	542	13.81	3560	90.7
	2	365	9.3	3925	100
PARTDFLAG1	0	3078	78.42	3078	78.42
	1	508	12.94	3586	91.36
	2	339	8.64	3925	100
PARTDFLAG2	0	3057	77.89	3057	77.89
	1	564	14.37	3621	92.25
	2	304	7.75	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
PARTEFLAG1	0	3303	84.15	3303	84.15
	1	552	14.06	3855	98.22
	2	70	1.78	3925	100
PARTEFLAG2	0	3296	83.97	3296	83.97
	1	555	14.14	3851	98.11
	2	74	1.89	3925	100
PARTEFLAG3	0	3356	85.5	3356	85.5
	1	559	14.24	3915	99.75
	2	10	0.25	3925	100
PARTFFLAG1	0	3283	83.64	3283	83.64
	1	513	13.07	3796	96.71
	2	129	3.29	3925	100
FTEFLAG	0	3925	100	3925	100
ELGCOLL	1	3274	83.41	3274	83.41
	N	651	16.59	3925	100
ELGSTAFF	1	3274	83.41	3274	83.41
	N	651	16.59	3925	100
ELGSCHED	1	3274	83.41	3274	83.41
	N	651	16.59	3925	100
ELGPHYS	1	3274	83.41	3274	83.41
	N	651	16.59	3925	100
FINSUPP	N	3925	100	3925	100
CYPARCH	1	75	1.91	75	1.91
	2	227	5.78	302	7.69
	N	3623	92.31	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
FRINGEYN	1	1578	40.2	1578	40.2
	2	2347	59.8	3925	100
COLELYN	1	13	0.33	13	0.33
	2	3170	80.76	3183	81.1
	N	742	18.9	3925	100
DOCDIGYN	1	1169	29.78	1169	29.78
	2	2005	51.08	3174	80.87
	N	751	19.13	3925	100
LIBREFYN	1	2642	67.31	2642	67.31
	2	536	13.66	3178	80.97
	N	747	19.03	3925	100
TECHYN	1	1834	46.73	1834	46.73
	2	1343	34.22	3177	80.94
	N	748	19.06	3925	100
THESYN	1	411	10.47	411	10.47
	2	2765	70.45	3176	80.92
	N	749	19.08	3925	100
INFLITDEFYN	1	1804	45.96	1804	45.96
	2	1367	34.83	3171	80.79
	N	754	19.21	3925	100
INFLITMISYN	1	1285	32.74	1285	32.74
	2	1885	48.03	3170	80.76
	N	755	19.24	3925	100
INFLITPLNYN	1	1136	28.94	1136	28.94
	2	2033	51.8	3169	80.74
	N	756	19.26	3925	100
INFLITCOMYN	1	663	16.89	663	16.89
	2	469	11.95	1132	28.84
	N	2793	71.16	3925	100



	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
INFLITLIBYN	1	934	23.8	934	23.8
	2	199	5.07	1133	28.87
	N	2792	71.13	3925	100
XBRANCHES	A	56	1.43	56	1.43
	C	19	0.48	75	1.91
	I	193	4.92	268	6.83
	N	249	6.34	517	13.17
	P	271	6.9	788	20.08
	R	3137	79.92	3925	100
XSTLIBS	A	2	0.05	2	0.05
	C	2	0.05	4	0.1
	I	51	1.3	55	1.4
	N	246	6.27	301	7.67
	P	368	9.38	669	17.04
	R	3232	82.34	3901	99.39
	Z	24	0.61	3925	100
XSTOTHPRO	A	1	0.03	1	0.03
	C	4	0.1	5	0.13
	I	51	1.3	56	1.43
	N	246	6.27	302	7.69
	P	367	9.35	669	17.04
	R	3004	76.54	3673	93.58
	Z	252	6.42	3925	100
XSTLIBPRO	A	5	0.13	5	0.13
	C	2	0.05	7	0.18
	I	51	1.3	58	1.48
	N	246	6.27	304	7.75
	P	367	9.35	671	17.1
	R	3249	82.78	3920	99.87
	Z	5	0.13	3925	100
XSTOTH	A	3	0.08	3	0.08
	C	6	0.15	9	0.23
	I	56	1.43	65	1.66
	N	247	6.29	312	7.95
	P	382	9.73	694	17.68
	R	3144	80.1	3838	97.78
	Z	87	2.22	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XSTASST	A	9	0.23	9	0.23
	C	2	0.05	11	0.28
	I	55	1.4	66	1.68
	N	246	6.27	312	7.95
	P	374	9.53	686	17.48
	R	3190	81.27	3876	98.75
	Z	49	1.25	3925	100
XSTTOT	A	35	0.89	35	0.89
	C	3	0.08	38	0.97
	I	52	1.32	90	2.29
	N	247	6.29	337	8.59
	P	379	9.66	716	18.24
	R	3197	81.45	3913	99.69
	T	12	0.31	3925	100
XSWLIBPRO	A	6	0.15	6	0.15
	C	1	0.03	7	0.18
	H	1320	33.63	1327	33.81
	I	6	0.15	1333	33.96
	N	248	6.32	1581	40.28
	P	207	5.27	1788	45.55
	R	2137	54.45	3925	100.00
XSWOTH	A	2	0.05	2	0.05
	C	3	0.08	5	0.13
	H	1652	42.09	1657	42.22
	I	7	0.18	1664	42.39
	N	247	6.29	1911	48.69
	P	148	3.77	2059	52.46
	R	1866	47.54	3925	100.00
XSWASST	A	3	0.08	3	0.08
	C	2	0.05	5	0.13
	H	1800	45.86	1805	45.99
	I	5	0.13	1810	46.11
	N	249	6.34	2059	52.46
	P	194	4.94	2253	57.40
	R	1672	42.6	3925	100.00

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XSWTOT	A	14	0.36	14	0.36
	C	4	0.10	18	0.46
	H	1316	33.53	1334	33.99
	I	20	0.51	1354	34.50
	N	248	6.32	1602	40.82
	P	276	7.03	1878	47.85
	R	2039	51.95	3917	99.80
	T	8	0.20	3925	100.00
XFRINGEYN	A	20	0.51	20	0.51
	C	601	15.31	621	15.82
	I	77	1.96	698	17.78
	R	3227	82.22	3925	100
XFRINGE	C	2	0.05	2	0.05
	H	2324	59.21	2326	59.26
	I	26	0.66	2352	59.92
	N	5	0.13	2357	60.05
	R	697	17.76	3054	77.81
	S	871	22.19	3925	100.00
XEXBKS	A	7	0.18	7	0.18
	C	6	0.15	13	0.33
	I	68	1.73	81	2.06
	N	250	6.37	331	8.43
	P	448	11.41	779	19.85
	R	3146	80.15	3925	100
XEXELBKS	A	2	0.05	2	0.05
	C	2	0.05	4	0.1
	I	98	2.5	102	2.6
	N	258	6.57	360	9.17
	P	665	16.94	1025	26.11
	R	2894	73.73	3919	99.85
	Z	6	0.15	3925	100
XEXAUD	A	7	0.18	7	0.18
	C	3	0.08	10	0.25
	I	91	2.32	101	2.57
	N	250	6.37	351	8.94
	P	563	14.34	914	23.29
	R	2960	75.41	3874	98.7
	Z	51	1.3	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XEXCUSER	A	12	0.31	12	0.31
	C	2	0.05	14	0.36
	I	71	1.81	85	2.17
	N	252	6.42	337	8.59
	P	460	11.72	797	20.31
	R	3123	79.57	3920	99.87
	Z	5	0.13	3925	100
XEXELSER	A	2	0.05	2	0.05
	C	2	0.05	4	0.1
	I	110	2.8	114	2.9
	N	259	6.6	373	9.5
	P	585	14.9	958	24.41
	R	2963	75.49	3921	99.9
	Z	4	0.1	3925	100
XEXDEL	C	6	0.15	6	0.15
	I	70	1.78	76	1.94
	N	249	6.34	325	8.28
	P	443	11.29	768	19.57
	R	3048	77.66	3816	97.22
	Z	109	2.78	3925	100
XEXPRES	A	1	0.03	1	0.03
	C	6	0.15	7	0.18
	I	70	1.78	77	1.96
	N	249	6.34	326	8.31
	P	445	11.34	771	19.64
	R	3039	77.43	3810	97.07
	Z	115	2.93	3925	100
XEXOTHIR	A	3	0.08	3	0.08
	C	6	0.15	9	0.23
	I	69	1.76	78	1.99
	N	249	6.34	327	8.33
	P	457	11.64	784	19.97
	R	2927	74.57	3711	94.55
	Z	214	5.45	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XEXCOMP	A	2	0.05	2	0.05
	C	4	0.1	6	0.15
	I	72	1.83	78	1.99
	N	248	6.32	326	8.31
	P	447	11.39	773	19.69
	R	3066	78.11	3839	97.81
	Z	86	2.19	3925	100
XEXBIB	C	7	0.18	7	0.18
	I	73	1.86	80	2.04
	N	249	6.34	329	8.38
	P	447	11.39	776	19.77
	R	3062	78.01	3838	97.78
	Z	87	2.22	3925	100
XEXOTH	C	3	0.08	3	0.08
	H	1316	33.53	1319	33.61
	I	19	0.48	1338	34.09
	N	248	6.32	1586	40.41
	P	263	6.70	1849	47.11
	R	2029	51.69	3878	98.80
	Z	47	1.20	3925	100.00
XEXTOT	A	153	3.9	153	3.9
	C	35	0.89	188	4.79
	I	73	1.86	261	6.65
	N	251	6.39	512	13.04
	P	517	13.17	1029	26.22
	R	2871	73.15	3900	99.36
	T	25	0.64	3925	100
XCOLELYN	A	24	0.61	24	0.61
	C	50	1.27	74	1.89
	N	742	18.9	816	20.79
	R	3109	79.21	3925	100
XCOLBKSA	A	8	0.2	8	0.2
	C	12	0.31	20	0.51
	I	134	3.41	154	3.92
	N	249	6.34	403	10.27
	P	437	11.13	840	21.4
	R	3082	78.52	3922	99.92
	Z	3	0.08	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XCOLEBKSA	A	5	0.13	5	0.13
	C	3	0.08	8	0.2
	I	90	2.29	98	2.5
	N	250	6.37	348	8.87
	P	563	14.34	911	23.21
	R	2968	75.62	3879	98.83
	Z	46	1.17	3925	100
XCOLMICRA	A	5	0.13	5	0.13
	C	4	0.1	9	0.23
	I	225	5.73	234	5.96
	N	251	6.39	485	12.36
	P	437	11.13	922	23.49
	R	2986	76.08	3908	99.57
	Z	17	0.43	3925	100
XCOLAUDA	A	13	0.33	13	0.33
	C	5	0.13	18	0.46
	I	172	4.38	190	4.84
	N	250	6.37	440	11.21
	P	437	11.13	877	22.34
	R	3019	76.92	3896	99.26
	Z	29	0.74	3925	100
XCOLSERA	A	54	1.38	54	1.38
	C	9	0.23	63	1.61
	I	184	4.69	247	6.29
	N	253	6.45	500	12.74
	P	437	11.13	937	23.87
	R	2988	76.13	3925	100
XCOLELREFA	A	17	0.43	17	0.43
	C	6	0.15	23	0.59
	I	91	2.32	114	2.9
	N	253	6.45	367	9.35
	P	608	15.49	975	24.84
	R	2926	74.55	3901	99.39
	Z	24	0.61	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XCOLBKSH	A	9	0.23	9	0.23
	C	22	0.56	31	0.79
	I	81	2.06	112	2.85
	N	252	6.42	364	9.27
	P	478	12.18	842	21.45
	R	3083	78.55	3925	100
XCOLEBKSH	A	4	0.1	4	0.1
	C	16	0.41	20	0.51
	I	94	2.39	114	2.9
	N	259	6.6	373	9.5
	P	621	15.82	994	25.32
	R	2931	74.68	3925	100
XCOLMICRH	A	3	0.08	3	0.08
	C	14	0.36	17	0.43
	I	102	2.6	119	3.03
	N	258	6.57	377	9.61
	P	579	14.75	956	24.36
	R	2969	75.64	3925	100
XCOLAUDH	A	3	0.08	3	0.08
	C	16	0.41	19	0.48
	I	91	2.32	110	2.8
	N	253	6.45	363	9.25
	P	524	13.35	887	22.6
	R	3038	77.4	3925	100
XCOLSERH	A	17	0.43	17	0.43
	C	26	0.66	43	1.1
	I	78	1.99	121	3.08
	N	251	6.39	372	9.48
	P	482	12.28	854	21.76
	R	3071	78.24	3925	100
XCOLELREFH	A	14	0.36	14	0.36
	C	19	0.48	33	0.84
	I	93	2.37	126	3.21
	N	257	6.55	383	9.76
	P	598	15.24	981	24.99
	R	2944	75.01	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XILPRET	A	2	0.05	2	0.05
	C	7	0.18	9	0.23
	I	79	2.01	88	2.24
	N	247	6.29	335	8.54
	P	536	13.66	871	22.19
	R	3045	77.58	3916	99.77
	Z	9	0.23	3925	100
XILPNON	C	5	0.13	5	0.13
	I	79	2.01	84	2.14
	N	247	6.29	331	8.43
	P	535	13.63	866	22.06
	R	3017	76.87	3883	98.93
	Z	42	1.07	3925	100
XILPTOT	A	3	0.08	3	0.08
	C	6	0.15	9	0.23
	I	80	2.04	89	2.27
	N	247	6.29	336	8.56
	P	492	12.54	828	21.1
	R	3088	78.68	3916	99.77
	Z	9	0.23	3925	100
XILRRET	A	1	0.03	1	0.03
	C	7	0.18	8	0.2
	I	80	2.04	88	2.24
	N	249	6.34	337	8.59
	P	526	13.4	863	21.99
	R	3052	77.76	3915	99.75
	Z	10	0.25	3925	100
XILRNON	C	4	0.1	4	0.1
	I	80	2.04	84	2.14
	N	249	6.34	333	8.48
	P	527	13.43	860	21.91
	R	3023	77.02	3883	98.93
	Z	42	1.07	3925	100



	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XILRTOT	A	6	0.15	6	0.15
	C	13	0.33	19	0.48
	I	80	2.04	99	2.52
	N	249	6.34	348	8.87
	P	482	12.28	830	21.15
	R	3094	78.83	3924	99.97
	T	1	0.03	3925	100
XDOCDEL	A	2	0.05	2	0.05
	C	2	0.05	4	0.1
	I	80	2.04	84	2.14
	N	249	6.34	333	8.48
	P	518	13.2	851	21.68
	R	2962	75.46	3813	97.15
	Z	112	2.85	3925	100
XCRGEN	A	2	0.05	2	0.05
	C	5	0.13	7	0.18
	I	79	2.01	86	2.19
	N	247	6.29	333	8.48
	P	487	12.41	820	20.89
	R	3105	79.11	3925	100
XCRRSV	A	1	0.03	1	0.03
	C	5	0.13	6	0.15
	I	80	2.04	86	2.19
	N	247	6.29	333	8.48
	P	541	13.78	874	22.27
	R	3051	77.73	3925	100
XPRESN	C	5	0.13	5	0.13
	I	78	1.99	83	2.11
	N	247	6.29	330	8.41
	P	481	12.25	811	20.66
	R	3114	79.34	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XATTEND	A	1	0.03	1	0.03
	C	4	0.1	5	0.13
	I	78	1.99	83	2.11
	N	247	6.29	330	8.41
	P	491	12.51	821	20.92
	R	3104	79.08	3925	100
XHOURS	C	4	0.1	4	0.1
	I	71	1.81	75	1.91
	N	247	6.29	322	8.2
	P	442	11.26	764	19.46
	R	3161	80.54	3925	100
	XGATECT	A	2	0.05	2
C		3	0.08	5	0.13
I		82	2.09	87	2.22
N		248	6.32	335	8.54
P		555	14.14	890	22.68
R		3022	76.99	3912	99.67
S		13	0.33	3925	100
XREFTRANS	A	3	0.08	3	0.08
	C	3	0.08	6	0.15
	I	71	1.81	77	1.96
	N	248	6.32	325	8.28
	P	459	11.69	784	19.97
	R	3141	80.03	3925	100
XDOCDIGYN	C	4	0.1	4	0.1
	N	751	19.13	755	19.24
	R	3170	80.76	3925	100
XLIBREFYN	C	4	0.1	4	0.1
	N	747	19.03	751	19.13
	R	3174	80.87	3925	100
XTECHYN	C	4	0.1	4	0.1
	N	748	19.06	752	19.16
	R	3173	80.84	3925	100

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
XTHESYN	C	4	0.1	4	0.1
	N	749	19.08	753	19.18
	R	3172	80.82	3925	100
XINFLITDEFYN	C	4	0.1	4	0.1
	N	754	19.21	758	19.31
	R	3167	80.69	3925	100
XINFLITMISYN	C	4	0.1	4	0.1
	N	755	19.24	759	19.34
	R	3166	80.66	3925	100
XINFLITPLNYN	C	4	0.1	4	0.1
	N	756	19.26	760	19.36
	R	3165	80.64	3925	100
XINFLITCOMYN	A	1	0.03	1	0.03
	N	2792	71.13	2793	71.16
	R	1132	28.84	3925	100
XINFLITLIBYN	N	2792	71.13	2792	71.13
	R	1133	28.87	3925	100

H is suppressed data.



**Appendix E—Crosswalk of Data Items/Variables between 2004 and 2006 Academic Libraries Survey**

Item	2006		2004	
	Variable	Line No.	Variable	Line No.
Organized collection	ELGCOLL	a.	ELGCOLL	a.
Trained staff	ELGSTAFF	b.	ELGSTAFF	b.
Established schedule	ELGSCHED	c.	ELGSCHED	c.
Physical facilities	ELGPHYS	d.	ELGPHYS	d.
Financial support to another library	FINSUPP	e.	FINSUPP	e.
<b>Part A: Number of Public Service Outlets, FY 2006</b>				
Branch and independent libraries	BRANCHES	01	BRANCHES	01
<b>Part B: Library Staff, Fall 2006</b>				
Librarians – Col 1	STLIBS	02	STLIBS	02
Other professional staff – Col 1	STOTHPRO	03	STOTHPRO	03
Total librarians and other pro staff – Col 1	STLIBPRO	04	STLIBPRO	04
All other paid staff – Col 1	STOTH	05	STOTH	05
Student assistants – Col 1	STASST	06	STASST	06
Total full-time equivalent staff – Col 1	STTOT	07	STTOT	07
<b>Part B: Salaries and Wages, FY 2006</b>				
Total librarians and other pro staff – Col 2	SWLIBPRO	04	SWLIBPRO	04
All other paid staff – Col 2	SWOTH	05	SWOTH	05
Student assistants – Col 2	SWASST	06	SWASST	06
Total full-time equivalent staff – Col 2	SWTOT	07	SWTOT	07
Fringe benefits – Y/N	FRINGEYN	08a	FRINGEYN	08a
Amount of fringe benefits	FRINGE	08b	FRINGE	08b
<b>Part C: Library Expenditures, FY 2006</b>				
Total salaries and wages	SWTOT	09	SWTOT	09
Books, serial backfiles and other	EXBKS	10	EXBKS	10
Electronic	EXELBKS	11	EXELBKS	11
Audiovisual	EXAUD	12	EXAUD	12
Current serial subscriptions	EXCUSER	13	EXCUSER	13
Electronic serials	EXELSER	14	EXELSER	14
Document delivery/interlibrary loan	EXDEL	15	EXDEL	15
Preservation	EXPRES	16	EXPRES	16
Other expenditures for info resources	EXOTHIR	17	EXOTHIR	17
Computer hardware and software	EXCOMP	18	EXCOMP	18
Biblio. utilities, networks and consortia	EXBIB	19	EXBIB	19
All other operating expenditures	EXOTH	20	EXOTH	20
Total expenditures	EXTOT	21	EXTOT	21
<b>Part D: Library Collections, FY 2006</b>				
Library collection entirely electronic – Y/N	COLELYN	N/A	COLELYN	N/A
Books, serial backfiles and other – added	COLBKSA	22	COLBKSA	22
Books, serial backfiles and other – held	COLBKSH	22	COLBKSH	22
E-Books – added	COLEBKSA	23	COLEBKSA	23
E-Books – held	COLEBKSH	23	COLEBKSH	23
Microforms – added	COLMICRA	24	COLMICRA	24
Microforms – held	COLMICRH	24	COLMICRH	24
Audiovisual materials – added	COLAUDA	25	COLAUDA	25
Audiovisual materials – held	COLAUDH	25	COLAUDH	25
Current serial subscriptions – added	COLSERA	26	COLSERA	26
Current serial subscriptions – held	COLSERH	26	COLSERH	26
Electronic reference – added	COLELREFA	27	COLELREFA	27

Item	2006		2004	
	Variable	Line No.	Variable	Line No.
Electronic reference – held	COLELREFH	27	COLELREFH	27
<b>Part E: Library Services, FY 2006</b>				
Loans provided – returnable	ILPRET	28a	ILPRET	28a
Loans provided – non-returnable	ILPNON	28b	ILPNON	28b
Total provided	ILPTOT	29	ILPTOT	29
Loans received – returnable	ILRRET	30	ILRRET	30
Loans received – non-returnable	ILRNON	31	ILRNON	31
Documents delivered	DOCDEL	32	DOCDEL	33
Total received	ILRTOT	33	ILRTOT	32
General circulation	CRGEN	34a	CRGEN	34a
Reserve circulation	CRRSV	34b	CRRSV	34b
Number of presentations	PRESEN	35	PRESEN	35
Total attendance	ATTEND	36	ATTEND	36
<b>Part F: Library Services, Typical Week, Fall 2006</b>				
Hours open	HOURS	37	HOURS	37
Gate count	GATECT	38	GATECT	38
Reference transactions	REFTRANS	39	REFTRANS	39
<b>Part G: Electronic Services</b>				
Documents digitized – Y/N	DOCDIGYN	40	DOCDIGYN	40
Library reference – Y/N	LIBREFYN	41	LIBREFYN	41
Disabled patrons – Y/N	TECHYN	42	TECHYN	42
Electronic theses and dissertations – Y/N	THESYN	43	THESYN	43
Library consortium – Y/N	CNSUBYN	N/A	CNSUBYN	44
Participate in consortium – Y/N	Deleted in 2006	N/A	CNPARTYN	45
Fully-funded participation – Y/N	Deleted in 2006	N/A	CNFULLYN	46
Partially-funded participation – Y/N	Deleted in 2006	N/A	CNPRTLYN	47
Other consortia – Y/N	Deleted in 2006	N/A	CNOTHRYN	48
<b>Part H: Information Literacy</b>				
Definition of information literacy – Y/N	INFLITDEFYN	44	INFLITDEFYN	49
Incorporated info literacy in mission – Y/N	INFLITMISYN	45	INFLITMISYN	50
Incorporated info literacy in plan – Y/N	INFLITPLNYN	46	INFLITPLNYN	51
Committee to implement plan – Y/N	INFLITCOMYN	46a	INFLITCOMYN	52
Plan has formal library role – Y/N	INFLITLIBYN	46b	New for 2006	N/A

## Appendix F—Response Rate Tables

Table F-1. Number and percentage of academic libraries, by level, control of institution, and item: 2006

	Total post-secondary degree granting institutions		4-year institutions									Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree						Total responding	Percent	Total responding	Percent	Total responding	Percent	
			Total responding	Percent	Doctor's		Master's		Bachelor's								
					Total responding	Percent	Total responding	Percent	Total responding	Percent							
All institutions	3,617	100.0	2,283	100.0	663	100.0	902	100.0	687	100.0	1,334	100.0	1,570	100.0	2,047	100.0	
Responding libraries	3,212	88.8	2,055	90.0	608	91.7	808	89.6	613	89.2	1,157	86.7	1,460	93.0	1,752	85.6	
Part B-Library staff																	
Number of FTEs																	
Librarians	3,198	88.4	2,046	89.6	607	91.6	801	88.8	612	89.1	1,152	86.4	1,458	92.9	1,740	85.0	
Other professional staff	3,199	88.4	2,047	89.7	607	91.6	802	88.9	612	89.1	1,152	86.4	1,457	92.8	1,742	85.1	
Total librarians and other professional staff	3,199	88.4	2,047	89.7	607	91.6	801	88.8	613	89.2	1,152	86.4	1,457	92.8	1,742	85.1	
All other paid staff	3,179	87.9	2,036	89.2	604	91.1	797	88.4	609	88.6	1,143	85.7	1,454	92.6	1,725	84.3	
Student assistants	3,188	88.1	2,041	89.4	605	91.3	799	88.6	611	88.9	1,147	86.0	1,455	92.7	1,733	84.7	
Total FTE staff	3,174	87.8	2,034	89.1	603	91.0	796	88.2	609	88.6	1,140	85.5	1,452	92.5	1,722	84.1	
Salaries and Wages																	
Total librarians and other professional staff	3,128	86.5	2,006	87.9	605	91.3	782	86.7	595	86.6	1,122	84.1	1,441	91.8	1,687	82.4	
All other paid staff	3,135	86.7	2,010	88.0	601	90.6	785	87.0	600	87.3	1,125	84.3	1,438	91.6	1,697	82.9	
Student assistants	3,094	85.5	1,990	87.2	595	89.7	778	86.3	593	86.3	1,104	82.8	1,416	90.2	1,678	82.0	
Total salaries and wages	3,087	85.3	1,984	86.9	595	89.7	778	86.3	587	85.4	1,103	82.7	1,422	90.6	1,665	81.3	
Employee fringe benefits	3,166	87.5	2,021	88.5	599	90.3	792	87.8	606	88.2	1,145	85.8	1,447	92.2	1,719	84.0	
Part C-Library expenditures																	
Total salaries and wages	3,087	85.3	1,984	86.9	595	89.7	778	86.3	587	85.4	1,103	82.7	1,422	90.6	1,665	81.3	
Information resources:																	
Books, serial backfiles and other materials																	
Electronic	2,854	78.9	1,847	80.9	550	83.0	731	81.0	544	79.2	1,007	75.5	1,318	83.9	1,536	75.0	
Audiovisual	2,963	81.9	1,897	83.1	554	83.6	758	84.0	562	81.8	1,066	79.9	1,377	87.7	1,586	77.5	
Current serials	3,086	85.3	1,990	87.2	595	89.7	785	87.0	585	85.2	1,096	82.2	1,425	90.8	1,661	81.1	
Electronic serials	2,922	80.8	1,903	83.4	570	86.0	760	84.3	550	80.1	1,019	76.4	1,367	87.1	1,555	76.0	
Other information resources:																	
Document delivery/interlibrary loan	3,104	85.8	1,997	87.5	599	90.3	789	87.5	584	85.0	1,107	83.0	1,434	91.3	1,670	81.6	
Preservation	3,102	85.8	1,996	87.4	597	90.0	790	87.6	584	85.0	1,106	82.9	1,432	91.2	1,670	81.6	
Other expenditures for information resources	3,091	85.5	1,988	87.1	594	89.6	787	87.3	582	84.7	1,103	82.7	1,427	90.9	1,664	81.3	
Operating expenditures																	
Computer hardware and software	3,098	85.7	1,994	87.3	597	90.0	789	87.5	584	85.0	1,104	82.8	1,430	91.1	1,668	81.5	
Bibliographic utilities, networks and consortia	3,097	85.6	1,992	87.3	596	89.9	786	87.1	585	85.2	1,105	82.8	1,432	91.2	1,665	81.3	
All other operating expenditures	3,099	85.7	1,994	87.3	597	90.0	789	87.5	583	84.9	1,105	82.8	1,431	91.1	1,668	81.5	
Total expenditures	3,002	83.0	1,937	84.8	583	87.9	764	84.7	567	82.5	1,065	79.8	1,400	89.2	1,602	78.3	

See notes at end of table

Table F-1. Number and percentage of academic libraries, by level, control of institution, and item: 2006—Continued

	Total post-secondary degree granting institutions		4-year institutions									Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree												
					Doctor's		Master's		Bachelor's								
			Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding						
Part D-Library collections																	
Library collection entirely electronic	3,122	86.3	2,007	87.9	600	90.5	791	87.7	591	86.0	1,115	83.6	1,437	91.5	1,685	82.3	
Books, serial backfiles and other paper materials, added	3,046	84.2	1,960	85.9	588	88.7	774	85.8	573	83.4	1,086	81.4	1,424	90.7	1,622	79.2	
Books, serial backfiles and other paper materials, EOFY	3,058	84.5	1,970	86.3	596	89.9	777	86.1	573	83.4	1,088	81.6	1,432	91.2	1,626	79.4	
E-Books, added	2,964	81.9	1,911	83.7	566	85.4	757	83.9	565	82.2	1,053	78.9	1,392	88.7	1,572	76.8	
E-Books, EOFY	2,902	80.2	1,884	82.5	573	86.4	737	81.7	554	80.6	1,018	76.3	1,381	88.0	1,521	74.3	
Microforms, added	2,955	81.7	1,907	83.5	577	87.0	751	83.3	555	80.8	1,048	78.6	1,398	89.0	1,557	76.1	
Microforms, EOFY	2,936	81.2	1,914	83.8	592	89.3	752	83.4	547	79.6	1,022	76.6	1,391	88.6	1,545	75.5	
Audiovisual materials, added	3,008	83.2	1,936	84.8	580	87.5	767	85.0	565	82.2	1,072	80.4	1,406	89.6	1,602	78.3	
Audiovisual materials, EOFY	3,002	83.0	1,932	84.6	588	88.7	761	84.4	562	81.8	1,070	80.2	1,411	89.9	1,591	77.7	
Current serial subscriptions, added	2,996	82.8	1,921	84.1	570	86.0	761	84.4	565	82.2	1,075	80.6	1,409	89.7	1,587	77.5	
Current serial subscriptions, EOFY	3,057	84.5	1,964	86.0	594	89.6	775	85.9	570	83.0	1,093	81.9	1,428	91.0	1,629	79.6	
Electronic reference sources, added	2,918	80.7	1,878	82.3	552	83.3	746	82.7	557	81.1	1,040	78.0	1,367	87.1	1,551	75.8	
Electronic reference sources, EOFY	2,926	80.9	1,902	83.3	572	86.3	753	83.5	555	80.8	1,024	76.8	1,381	88.0	1,545	75.5	
Part E-Library services																	
Interlibrary loans provided																	
Returnable	3,002	83.0	1,921	84.1	569	85.8	762	84.5	565	82.2	1,081	81.0	1,401	89.2	1,601	78.2	
Non-returnable	3,003	83.0	1,921	84.1	569	85.8	762	84.5	565	82.2	1,082	81.1	1,403	89.4	1,600	78.2	
Total provided	3,045	84.2	1,957	85.7	593	89.4	771	85.5	568	82.7	1,088	81.6	1,425	90.8	1,620	79.1	
Interlibrary loans received																	
Returnable	3,011	83.2	1,926	84.4	569	85.8	767	85.0	565	82.2	1,085	81.3	1,406	89.6	1,605	78.4	
Non-returnable	3,010	83.2	1,926	84.4	569	85.8	767	85.0	565	82.2	1,084	81.3	1,405	89.5	1,605	78.4	
Documents delivered from																	
commercial services	3,054	84.4	1,963	86.0	593	89.4	777	86.1	568	82.7	1,091	81.8	1,428	91.0	1,626	79.4	
Total received	3,019	83.5	1,932	84.6	572	86.3	768	85.1	567	82.5	1,087	81.5	1,410	89.8	1,609	78.6	
General circulation transactions	3,051	84.4	1,962	85.9	591	89.1	776	86.0	571	83.1	1,089	81.6	1,423	90.6	1,628	79.5	
Reserve circulation transactions	2,996	82.8	1,915	83.9	575	86.7	755	83.7	560	81.5	1,081	81.0	1,403	89.4	1,593	77.8	
Number of presentations	3,058	84.5	1,962	85.9	590	89.0	774	85.8	573	83.4	1,096	82.2	1,431	91.1	1,627	79.5	
Total attendance at all presentations	3,048	84.3	1,956	85.7	589	88.8	772	85.6	570	83.0	1,092	81.9	1,427	90.9	1,621	79.2	
Part F-Library services, typical week																	
Hours open, typical week	3,104	85.8	1,990	87.2	596	89.9	785	87.0	584	85.0	1,114	83.5	1,440	91.7	1,664	81.3	
Gate count, typical week	2,980	82.4	1,902	83.3	568	85.7	755	83.7	559	81.4	1,078	80.8	1,398	89.0	1,582	77.3	
Reference transactions, typical week	3,087	85.3	1,978	86.6	594	89.6	778	86.3	581	84.6	1,109	83.1	1,433	91.3	1,654	80.8	

See notes at end of table



Table F-1. Number and percentage of academic libraries, by level, control of institution, and item: 2006—Continued

	Total post-secondary degree granting institutions		4-year institutions								Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree						Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent
			Total res-ponding	Percent	Doctor's		Master's		Bachelor's							
					Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent				
Part G-Electronic services																
Library services provided:																
Documents digitized by library staff	3,113	86.1	1,997	87.5	597	90.0	789	87.5	586	85.3	1,116	83.7	1,439	91.7	1,674	81.8
Library reference service by e-mail or Web	3,117	86.2	2,001	87.6	599	90.3	791	87.7	586	85.3	1,116	83.7	1,441	91.8	1,676	81.9
Technology to assist patrons with disabilities	3,116	86.1	2,000	87.6	599	90.3	790	87.6	586	85.3	1,116	83.7	1,441	91.8	1,675	81.8
Electronic theses and dissertations produced by students	3,115	86.1	1,999	87.6	597	90.0	791	87.7	586	85.3	1,116	83.7	1,439	91.7	1,676	81.9
Part H-Information Literacy																
Definition of information literacy or of an information literate student	3,110	86.0	1,996	87.4	598	90.2	787	87.3	586	85.3	1,114	83.5	1,439	91.7	1,671	81.6
Incorporated information literacy into the institution's mission	3,109	86.0	1,995	87.4	598	90.2	787	87.3	585	85.2	1,114	83.5	1,438	91.6	1,671	81.6
Incorporated information literacy into the institution's strategic plan	3,108	85.9	1,993	87.3	597	90.0	788	87.4	583	84.9	1,115	83.6	1,438	91.6	1,670	81.6
Institution-wide committee to implement the strategic plan for information literacy	3,104	85.8	1,992	87.3	597	90.0	788	87.4	582	84.7	1,112	83.4	1,437	91.5	1,667	81.4
The strategic plan formally recognizes the library's role in information literacy instruction	3,105	85.8	1,992	87.3	597	90.0	788	87.4	582	84.7	1,113	83.4	1,438	91.6	1,667	81.4

NOTE: EOFY = Held at end of fiscal year

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2006.

Table F-2. Number and percentage of non-responding academic libraries, by level, control of institution, and state: 2006

State	Total postsecondary degree-granting institutions		4-year institutions									Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree						Number	Percent	Number	Percent	Number	Percent	
	Number	Percent	Doctor's		Master's		Bachelor's										
			Number	Percent	Number	Percent	Number	Percent	Number	Percent							
United States	405	11.2	228	10.0	55	8.3	94	10.4	74	10.8	177	13.3	110	7.0	295	14.4	
Alabama	2	3.2	1	2.7	1	9.1	0	0.0	0	0.0	1	4.0	0	0.0	2	8.3	
Alaska	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
Arizona	7	14.3	2	7.7	0	0.0	0	0.0	1	7.7	5	21.7	4	16.7	3	12.0	
Arkansas	1	2.1	1	4.3	0	0.0	0	0.0	1	10.0	0	0.0	0	0.0	1	7.1	
California	57	16.9	32	16.7	8	12.5	16	21.6	7	14.6	25	17.1	20	13.8	37	19.2	
Colorado	7	11.5	2	5.7	1	9.1	1	9.1	0	0.0	5	19.2	1	3.8	6	17.1	
Connecticut	7	15.9	4	13.8	0	0.0	2	20.0	2	25.0	3	20.0	1	4.5	6	27.3	
Delaware	1	11.1	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	1	20.0	0	0.0	
District of Columbia	2	13.3	2	13.3	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	2	15.4	
Florida	22	15.6	16	15.5	3	15.0	4	10.8	9	20.0	6	15.8	0	0.0	22	21.6	
Georgia	15	13.5	10	16.7	3	17.6	5	20.8	2	10.5	5	9.8	9	13.6	6	13.3	
Hawaii	2	11.1	2	18.2	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	2	22.2	
Idaho	1	8.3	1	11.1	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	1	20.0	
Illinois	18	11.4	9	8.7	4	9.8	2	6.7	3	9.4	9	16.4	6	10.0	12	12.2	
Indiana	10	13.0	8	14.0	3	23.1	4	14.8	1	5.9	2	10.0	2	7.1	8	16.3	
Iowa	2	3.2	2	4.4	0	0.0	0	0.0	2	9.5	0	0.0	0	0.0	2	4.7	
Kansas	3	5.5	1	3.4	0	0.0	1	8.3	0	0.0	2	7.7	2	6.3	1	4.3	
Kentucky	5	7.9	4	10.3	1	12.5	0	0.0	3	20.0	1	4.2	1	4.3	4	10.0	
Louisiana	5	11.6	3	10.3	0	0.0	2	18.2	1	16.7	2	14.3	0	0.0	5	29.4	
Maine	2	6.9	0	0.0	0	0.0	0	0.0	0	0.0	2	20.0	2	13.3	0	0.0	
Maryland	10	18.5	9	26.5	3	23.1	6	31.6	0	0.0	1	5.0	1	3.3	9	37.5	
Massachusetts	9	7.8	8	8.7	2	6.7	6	14.6	0	0.0	1	4.3	1	3.2	8	9.5	
Michigan	12	12.8	6	9.7	0	0.0	4	17.4	1	4.8	6	18.8	7	15.9	5	10.0	
Minnesota	3	3.1	2	3.3	0	0.0	0	0.0	2	8.0	1	2.8	0	0.0	3	5.6	
Mississippi	3	7.9	2	10.0	0	0.0	1	12.5	1	16.7	1	5.6	0	0.0	3	25.0	
Missouri	12	11.7	8	10.7	4	19.0	0	0.0	4	12.9	4	14.3	0	0.0	12	16.9	
Montana	3	14.3	0	0.0	0	0.0	0	0.0	0	0.0	3	27.3	2	12.5	1	20.0	
Nebraska	5	13.5	4	15.4	0	0.0	2	14.3	2	25.0	1	9.1	1	6.7	4	18.2	
Nevada	4	30.8	2	22.2	1	50.0	0	0.0	1	16.7	2	50.0	1	14.3	3	50.0	
New Hampshire	4	16.7	1	5.6	0	0.0	0	0.0	1	14.3	3	50.0	2	25.0	2	12.5	

See notes at end of table.

Table F-2. Number and percentage of non-responding academic libraries, by level, control of institution, and state: 2006—Continued

State	Total postsecondary degree-granting institutions		4-year institutions									Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree						Number	Percent	Number	Percent	Number	Percent	
	Number	Percent	Doctor's		Master's		Bachelor's										
			Number	Percent	Number	Percent	Number	Percent	Number	Percent							
New Jersey	3	5.8	2	6.3	0	0.0	2	13.3	0	0.0	1	5.0	2	6.3	1	5.0	
New Mexico	3	7.9	2	11.1	0	0.0	1	12.5	1	14.3	1	5.0	2	7.1	1	10.0	
New York	28	11.2	16	9.3	7	13.0	6	7.6	3	8.3	12	15.4	1	1.3	27	15.9	
North Carolina	5	4.0	4	6.3	0	0.0	2	9.1	2	8.0	1	1.6	1	1.3	4	8.0	
North Dakota	3	15.0	2	16.7	0	0.0	1	50.0	1	14.3	1	12.5	2	14.3	1	16.7	
Ohio	24	15.6	11	12.1	1	4.5	5	11.4	4	18.2	13	20.6	9	17.3	15	14.7	
Oklahoma	6	12.2	2	6.5	1	12.5	0	0.0	1	14.3	4	22.2	3	10.3	3	15.0	
Oregon	5	9.4	3	8.8	1	11.1	1	6.7	1	10.0	2	10.5	2	8.0	3	10.7	
Pennsylvania	17	9.3	9	7.6	3	7.0	5	10.0	1	4.0	8	12.3	2	5.3	15	10.3	
Rhode Island	1	7.1	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	9.1	
South Carolina	8	12.9	5	13.2	0	0.0	1	5.6	4	30.8	3	12.5	3	9.1	5	17.2	
South Dakota	5	23.8	4	23.5	1	20.0	3	30.0	0	0.0	1	25.0	2	18.2	3	30.0	
Tennessee	6	7.0	3	5.0	2	13.3	1	4.5	0	0.0	3	11.5	0	0.0	6	9.4	
Texas	26	13.3	10	9.7	1	2.1	1	3.4	7	28.0	16	17.2	5	4.8	21	22.8	
Utah	1	4.3	1	6.7	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	1	7.1	
Vermont	3	13.6	3	14.3	0	0.0	2	14.3	1	20.0	0	0.0	2	40.0	1	5.9	
Virginia	11	11.3	3	4.8	1	5.3	2	11.1	0	0.0	8	23.5	2	5.1	9	15.5	
Washington	8	11.4	4	10.8	2	22.2	0	0.0	2	16.7	4	12.1	4	9.8	4	13.8	
West Virginia	2	6.1	0	0.0	0	0.0	0	0.0	0	0.0	2	18.2	0	0.0	2	11.8	
Wisconsin	5	7.8	2	4.4	1	9.1	1	4.2	0	0.0	3	15.8	3	9.7	2	6.1	
Wyoming	1	11.1	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5	1	12.5	0	0.0	

NOTE: Percentages are derived using table A-3 counts.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2006.

**Table F-3. Total number of academic libraries, by level, control of institution, and state: 2006**

State	Total postsecondary degree-granting institutions	4-year institutions				Less than 4-year	Public	Private
		Total 4-year institutions	Highest level of degree					
			Doctor's	Master's	Bachelor's			
United States	3,617	2,283	663	902	687	1,334	1,570	2,047
Alabama	62	37	11	13	13	25	38	24
Alaska	7	5	1	2	2	2	5	2
Arizona	49	26	7	5	13	23	24	25
Arkansas	47	23	6	7	10	24	33	14
California	338	192	64	74	48	146	145	193
Colorado	61	35	11	11	13	26	26	35
Connecticut	44	29	10	10	8	15	22	22
Delaware	9	6	4	2	0	3	5	4
District of Columbia	15	15	6	7	1	0	2	13
Florida	141	103	20	37	45	38	39	102
Georgia	111	60	17	24	19	51	66	45
Hawaii	18	11	3	4	4	7	9	9
Idaho	12	9	3	2	4	3	7	5
Illinois	158	103	41	30	32	55	60	98
Indiana	77	57	13	27	17	20	28	49
Iowa	62	45	8	16	21	17	19	43
Kansas	55	29	6	12	11	26	32	23
Kentucky	63	39	8	16	15	24	23	40
Louisiana	43	29	11	11	6	14	26	17
Maine	29	19	3	7	9	10	15	14
Maryland	54	34	13	19	2	20	30	24
Massachusetts	115	92	30	41	18	23	31	84
Michigan	94	62	16	23	21	32	44	50
Minnesota	96	60	11	22	25	36	42	54
Mississippi	38	20	6	8	6	18	26	12
Missouri	103	75	21	23	31	28	32	71
Montana	21	10	2	5	3	11	16	5
Nebraska	37	26	4	14	8	11	15	22
Nevada	13	9	2	1	6	4	7	6
New Hampshire	24	18	5	6	7	6	8	16

See notes at end of table.

**Table F-3. Total number of academic libraries, by level, control of institution, and state: 2006—Continued**

State	Total postsecondary degree-granting institutions	4-year institutions				Less than 4-year	Public	Private
		Total 4-year institutions	Highest level of degree					
			Doctor's	Master's	Bachelor's			
New Jersey	52	32	14	15	3	20	32	20
New Mexico	38	18	3	8	7	20	28	10
New York	250	172	54	79	36	78	80	170
North Carolina	125	63	16	22	25	62	75	50
North Dakota	20	12	3	2	7	8	14	6
Ohio	154	91	22	44	22	63	52	102
Oklahoma	49	31	8	16	7	18	29	20
Oregon	53	34	9	15	10	19	25	28
Pennsylvania	183	118	43	50	25	65	38	145
Rhode Island	14	12	5	4	2	2	3	11
South Carolina	62	38	6	18	13	24	33	29
South Dakota	21	17	5	10	2	4	11	10
Tennessee	86	60	15	22	22	26	22	64
Texas	196	103	48	29	25	93	104	92
Utah	23	15	3	7	5	8	9	14
Vermont	22	21	2	14	5	1	5	17
Virginia	97	63	19	18	24	34	39	58
Washington	70	37	9	16	12	33	41	29
West Virginia	33	22	4	10	7	11	16	17
Wisconsin	64	45	11	24	10	19	31	33
Wyoming	9	1	1	0	0	8	8	1

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2006.